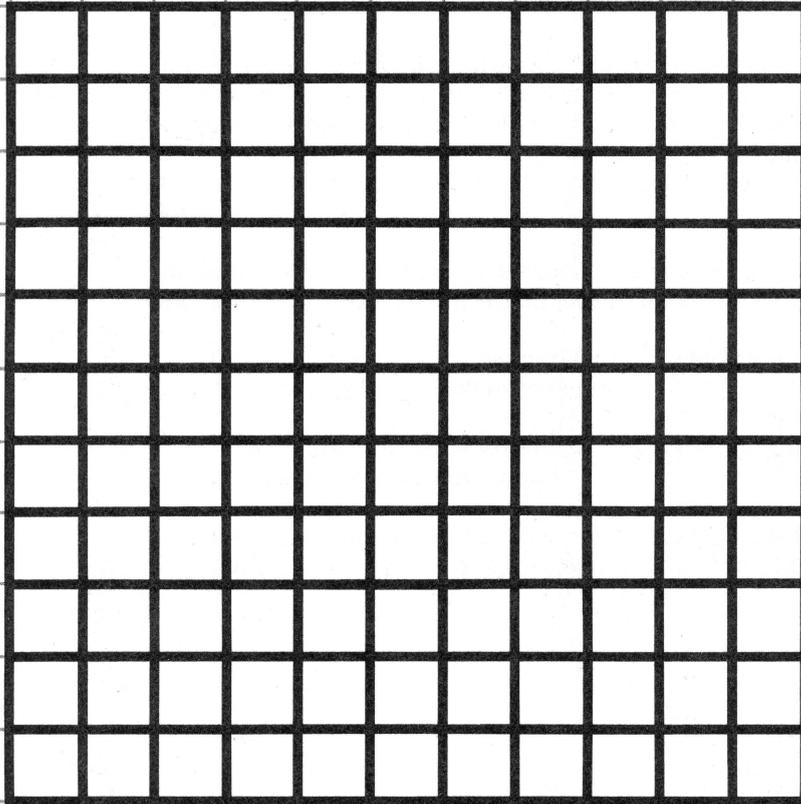




# RESOURCE GUIDE

For Apple /// and Apple /// Plus  
Software and Hardware



# **RESOURCE GUIDE**

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## **OF APPLE /// AND APPLE /// PLUS**

### **SOFTWARE AND HARDWARE**

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**MAY, 1984**

This Resource Guide was produced in collaboration with the Apple /// Group and the software and hardware companies listed. It is dedicated to the hundreds of talented Apple /// software and hardware developers who make the Apple /// such an outstanding business computer and to the enthusiasm and loyalty of the thousands of Apple /// owners all over the world.

The authors of the Apple /// Resource Guide, Kathryn Schjelderup, Albert Chu, and Maxine Graham, would like to extend a sincere thank-you to

Donald Koscheka for his persistence which led to the creation of the original Apple /// Software Guide.

Ellen Petry and Terry Adams for contributing the international sections in native languages.

Carolyn Goates, Kathy Kiga, and René Douchette for their contribution in the research and production of the Resource Guide.

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Apple Computer can accept no liability as to the accuracy of this guide. The information has been compiled from a variety of sources. Updates, additions, and corrections are welcome and may be sent to:

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### SECTION SEVEN

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# INTRODUCTION

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The Resource Guide is a revised and enlarged edition of the popular booklet, *Will Someone Please Tell Me What an Apple /// Can Do?* We created this guide to help you select the products that will best fit your Apple /// computing needs. The first edition covered only software programs. This new edition, however, contains not only expanded and updated information on software, but also information on peripherals, system expansion products, and accessories for the Apple /// and /// Plus. These include printers and plotters, monitors, storage devices, and interface cards. Only the most commonly used hardware products are listed.

Also new to this edition is information on customer technical support and on Apple /// products sold outside the United States. Many Apple ///-compatible products developed in the United States can be used effectively in other countries; conversely, products developed in other countries can often be adapted to use within the United States.

The Apple /// Plus, introduced in November, 1983, was designed to be completely compatible with the Apple ///. Therefore, all the software products described in this guide run on both the Apple /// and the Apple /// Plus. As these computers have gained in popularity, we've noted an increase in the quantity, quality, and variety of software, hardware, and accessory products available for the Apple ///. Whether you use your Apple /// for business or personal use, we feel confident you'll find compatible products to meet your needs.

Apple /// owners can now read data disks created on the Apple //e under the recently introduced Apple //e ProDOS\* operating system. This means that if you own an Apple //e and are using AppleWorks, the integrated software package, you can use the same data files on the Apple /// with the Apple /// version called /// E-Z Pieces\*. /// E-Z Pieces is also compatible with files from such popular software as VisiCalc ///, Quick File\* ///, and Apple Writer ///.

Every product description in this guide contains a brief overview of product features, as well as information on where to write or call for further information. Product descriptions are taken from information provided by software and hardware vendors.

Apple Computer is not responsible for any inaccuracies in these descriptions. The Resource Guide includes only Apple /// vendors actively marketing their products and does not include products introduced after June, 1984. This guide serves as an informational resource only and does not constitute an endorsement or recommendation from Apple Computer. Feel free to reproduce parts or all of this document as needed.

Because of limited space, we have not included products running under the CP/M operating system or under Apple // emulation mode. However, all products developed on the Apple // requiring 48K bytes of memory or less will run on the Apple /// and /// Plus in emulation mode. Similarly, CP/M-based products will run with the addition of an Apple SoftCard. Ask your authorized Apple /// dealer for more information.

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## I SECTION ONE

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# QUICK REFERENCE SOFTWARE

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## Productivity Software

## Vendor

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### Accounting

Accounting Plus	Ask Micro
AccountingPearl	Pearlsoft
BPI General Accounting	Apple Computer
Business Pro	Equitable Computer Marketing
Client Billing System	CompuMed
EASy	DSC
Financial Partner	DSC
Financial Statement Spreading	Aurora Systems
Flexware Accounting	Microfinancial
GL-Plus	Great Divide Software
Hard Disk Accounting Series	Great Plains Software
INFOTORY	SSR Corporation
Micro GL ///	Micro Business Solutions
Retail Subdividing Inventory System	Shanali Software
State of the Art Accounting System	State of the Art
TSC TOTAL ACCOUNTING SYSTEM	TSC Software
VersaForm Application Templates	Applied Software Technology
VersaForm Purchase Order Application	Applied Software Technology
WIMS Fund Accounting	W.O.S. Data Systems

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### Data-Base and Records Management

Aladin	ADI America
AppleFile ///	Apple Computer
Data Base ///	Ridgeware
DataFax	Link Systems
Data Manager ///	MicroLab
The Data Transfer System	Personal Bibliographic Systems
Employment Applicaton System	Tamarac Systems
Keystroke Data Base and Report Generator	Brock Software Products
Mail List Manager	Apple Computer
Mail List Manager Interface	Quark
Microshare	Trilog
Microshare Register	Trilog
Microshare Wills/New Business System	Trilog
The Personal Bibliographic System	Personal Bibliographic Systems
Personal Pearl	Pearlsoft
PFS:FILE ///	Software Publishing Corporation
PFS:REPORT	Software Publishing Corporation
Quick and Easy Data Master	Advanced Software Technology
Quick File ///	Apple Computer
TDM	Pascal Systems
ThinkTank	Living Videotext
VersaForm	Applied Software Technology

# QUICK REFERENCE SOFTWARE

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## Productivity Software

## Vendor

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### Financial Modeling and Analysis

#### Job Planning/Costing

Critical Path Scheduling System  
Job Control System- Versions 3-100  
and 3-400  
P.A.C.E.  
VisiSchedule

Great Divide Software

High Technology Software  
High Technology Software  
VisiCorp

#### Spreadsheets, Statistics, and Analyses

AIDA  
The Big Picture  
Business Planner  
Desktop Plan ///  
DIF Sort  
DJ  
DocuCalc  
Micro DSS/A  
Micro DSS/F  
Micro/Scan //  
Multiplan  
REPORT  
Senior Analyst ///  
SORT  
Statpro  
VisiCalc Advanced Version  
VisiCalc Formatting Aids  
VisiCalc ///  
Viz-A-Con  
Viz-A-Merge

Action Research  
Apropos Software  
Duosoft  
VisiCorp  
McGrew & Associates  
Solutions  
Micro Decision Systems  
Addison-Wesley  
Addison-Wesley  
ISYS Corporation  
Microsoft  
Solutions  
Apple Computer  
Solutions  
Wadsworth Professional Software  
VisiCorp  
Data Security Concepts  
Apple Computer  
Abacus Associates  
Abacus Associates

#### Tax Planning

Estate Tax Plan  
Professional Tax Plan  
SofTax  
TimesaverTaxes

Aardvark Software  
Aardvark Software  
Design Trends  
C & H Taxes

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### Graphics

Business Graphics ///  
Chartmaker ///  
DPS (Dimensional Projection System)  
Draw On ///  
Fig Factory  
Graf-Pak  
Graph'n Calc ///  
Paper Graphics  
PFS:GRAPH  
Screen Director

Apple Computer  
Apple Computer  
dataSmith  
On Three  
Sun Software  
SmartWare  
Desktop Computer Software  
Penguin Software  
Software Publishing Corporation  
Business & Professional Software

# QUICK REFERENCE

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## SOFTWARE

### Productivity Software

### Vendor

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#### Integrated Software

Habadex "Window Dialer"  
/// E-Z Pieces

Haba Systems (HSI)  
Haba Systems (HSI)

---

#### Word Processing and Spelling Checkers

Apple Speller ///  
Apple Writer ///  
Fact Writer ///  
Inkwell  
Legal Dictionary  
Lexicheck  
Merge ///  
PowerText  
Script ///  
Sprinter Text Formatter  
Suave WPL Programs  
Terminus  
TypeFace  
Word Juggler  
Write-On!  
Zardax ///

Apple Computer  
Apple Computer  
Fact Finder Software  
Foxware Products  
Quark  
Quark  
Forsythe Computers  
Beaman Porter  
Apple Computer  
Scenic Computer Systems Corp.  
Suave Ideas  
Quark  
Quark  
Quark  
Datamost  
Action Research N.W.

### Vertical Market Software

### Vendor

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#### Agriculture

AGRICAP  
Agri-Ledger  
Beef Feeder Projection  
Cash Crop Breakeven Program  
Commodities Charting #1  
Commodities Charting #2  
Corn/Soybean Management Series 1  
Crop History  
Crop/Livestock Profit Projector  
Dairy Ration Balancer Program  
Elevator Manager Program  
Equipment Analysis  
Farm Bookkeeping  
Farm Ledger  
Farmer's Workbook  
Financial Management Series 1  
Finishing Hog Projection  
Hog Farrowing Projection  
Hog Production System  
Invoice/Inventory Program

XLNCap  
Small Business Computer Systems  
HCI  
HCI  
HCI  
HCI  
Harris Technical Systems  
HCI  
Harris Technical Systems  
HCI  
HCI  
HCI  
Harvest Computer Systems  
Cyberia  
Harris Technical Systems  
HCI  
HCI  
Cyberia  
HCI

# QUICK REFERENCE

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## SOFTWARE

### Vertical Market Software

### Vendor

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#### Agriculture

Machinery Management Series 1	Harris Technical Systems
Mix and Formulation Program	HCI
Soil History and Recommendation	HCI
Swine Management Series 1	Harris Technical Systems
Swine Ration Balancer Program	HCI
VisiCalc Templates	Harris Technical Systems
WORKSHEET	Harvest Computer Systems

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#### Architecture

ArchAccount ///	The Gardner Partnership
Design ///	Microentics

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#### Banking/ Finance

Asset/Liability Management System	Wall Street Consulting Group
Automated "Repo" System	Wall Street Consulting Group
BankCalc 1, 2, and 3	MicroBook
BANKPLAN	Main Hurdman
BASIS	Darling & Associates
Bond Pac	Wall Street Consulting Group
Credit Manager	Aurora Systems
Dow Jones Market Manager	Dow Jones
The Family Security Analysis	Ken-Tec Marketing Group
Loan Document Processor	Financial Systems
Microshare ESOP System	Trilog
Microshare Lump Sum Payments	Trilog
Microshare Profit Sharing	Trilog
Microshare Wills/New Business	Trilog
Microtrust	Trilog
Money Center Accounting System	Aurora Systems
Money Desk Management System	Wall Street Consulting Group
Personal Banker	Aurora Systems
Portfolio Management System	Darling & Associates
Profit Planning/Asset-Liability Management	Plansmith Corporation
Quest Audit Control	Quest Designs
Quest Charged-Off Loan Accounting	Quest Designs
Quest Document Control	Quest Designs
Quest Loss Control	Quest Designs
Quest Records Retention	Quest Designs
Quest Supplies Manager	Quest Designs
Quest Suspense Control	Quest Designs
RB3 Relationship Banking System	Aurora Systems
Reveal	Reveal Software
Safe Deposit Billing System	Aurora Systems
Security Safe-Keeping System	Wall Street Consulting Group
Stock-Focus	High Technology Software
Stock Pak	Wall Street Consulting Group
Vining Asset/Liability Management System	Vining Sparks Micro Software
Vining Bond Swap System	Vining Sparks Micro Software

V

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SECTION TWO

# QUICK REFERENCE

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## SOFTWARE

### Vertical Market Software

### Vendor

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#### Law Office Management

Client Management System  
Estate Tax Plan  
Law Firm Profit Planning Model  
Lawman  
Legal Dictionary  
Legal Office Manager  
OR-D Legal System

Compu-Law  
Aardvark Software  
Authur Young  
Frederick & Associates  
Quark  
Applied Software Technology  
OR-D Systems

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#### Medical/Dental Office Management

CompuDoc  
CompuMedic  
COPRAM-M  
The Dental Clinic  
Dental Office Management ///  
GOAL Ophthalmic Software  
Medical Billing System  
Medical Clinic  
Medical Office Management ///  
MED PAC System  
MiniMax  
OR-D Dental System  
OR-D Medical System  
Orthodontic Office Package  
Patient Notes  
Physical Exam  
Physicians A/R and Insurance System  
(PARIS)

CompuMed  
Infeld Software  
COPRAM  
Monument Computer Service  
Charles Mann & Associates  
Global Optics  
Professional Medical Software  
Monument Computer Service  
Charles Mann & Associates  
MED DATA  
HealthWest  
OR-D Systems  
OR-D Systems  
Ortho Computer Systems  
Professional Medical Software  
Professional Medical Software  
  
Parker Computer Systems

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#### Other Vertical Markets

Bad Check Control and Collection  
System  
Beat the Spread  
Builder's Estimation Program  
Employee Application System  
Fanny May Form Filler (FNMA 1004)  
The Film Management System  
Financial Management Models for the  
Service Firm  
Florist Management System  
Golf Handicap System  
Gusher  
The League Secretary  
LTL Costing Software  
PMS (Prospect Management System)  
Real Estate Appraisers  
Sunspot Broadcast System  
Surveyor's Aide  
Where the Jobs Are 1984

Charlie's Computer Consulting  
Bowling Computer Systems  
North Country Builders  
Tamarac  
McGrew & Associates  
Remarkable Films  
  
PRO/PAC  
CompuMed  
Bowling Computer System  
High Technology Software  
Bowling Computer Systems  
RCCC Software Orders  
First Byte  
McGrew & Associates  
Sunspot  
Harrisonburg Computer Services  
TSC/Houghton-Mifflin

# QUICK REFERENCE

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## SOFTWARE

### Other Software

### Vendor

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## Communications

Apple Access ///  
Apple Access 3270  
Communication Hardware  
Communication Services  
Corvus Network Driver  
DataLink  
Easyterm ///  
E-COMM CALL  
Fast Transfer  
Infonet  
Lexis  
MC/3270  
MICRO/Terminal  
Rapid Transfer  
Rem Comm ///  
SWI Apple /// Communication System  
TAP (Telephone Access Program)  
TerminAll

Apple Computer  
Apple Computer  
See Hardware Section  
See Services Section  
B/T Computing  
Link Systems  
Sun Data  
NCCS Software  
Solutions  
Sun Data  
Mead Data Central  
MicroCom  
MicroCom  
Great Plains  
Fact Finder Software  
Core Technology  
Sun Data  
Foxware Products

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## Education

Apple // Education Software  
The Art of Negotiating  
Cdex Training for the BPI Accounting Program  
Guidance Information System  
How to Operate the Apple /// or /// plus  
How to Operate Your Computer Under CP/M  
How to Use MultiPlan  
How to Use VisiCalc  
Pathways  
PFS: SCHOOL ADMINISTRATOR  
THE TAMARAC SCHOOL SYSTEM

Independent Software Developers  
Experience in Software  
  
Cdex  
TSC/Houghton Mifflin  
  
FlipTrack Learning Systems  
  
FlipTrack Learning Systems  
FlipTrack Learning Systems  
FlipTrack Learning Systems  
Maycroft  
Software Publishing  
Tamarac Systems

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## Entertainment

Apple // Games  
Cap 'n Magneto  
Cannibal Island  
Pick That Tune (Apple /// Version)

Independent Software Developers  
Power Tools  
Public Domain Software  
Swearingen Software

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## Languages and Development Systems

Apple /// COBOL  
Business BASIC  
Fortran ///  
Pascal ///

Apple Computer  
Apple Computer  
Apple Computer  
Apple Computer

# QUICK REFERENCE

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## SOFTWARE

### Other Software

### Vendor

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## Manufacturing

Computer Aided Manufacturing System  
 Cost Effective Shape Technology  
 JOB COSTS-Labor/Material

Tipnis Associates  
 Tipnis Associates  
 Applied Software Technology

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## Utilities

Ald System ///  
 Apple-CON(verter)  
 Attach.Driver  
 Backup ///  
 BASIC Compare ///  
 BASIC Extension  
 Blokaccess  
 CALENDAR-PAK ///  
 Catalyst  
 Character Set Editor  
 Copy ///  
 CP/M-SOS Converter  
 CP/M-SOS.TEXTMOVER  
 CustomFont  
 Data Saver  
 DIF Sort Utility  
 Discourse  
 Disk Rescue  
 DJ  
 DOS to SOS Converter  
 Fast Transfer  
 File Cabinet ///  
 Font Generator ///  
 Fontwriter  
 Form Maker  
 Lazarus ///  
 LinkIndex  
 LinkVideo  
 Pascal Interface  
 Pascal Utility Library  
 Printer Driver ///  
 Pscreen  
 Programmer's Power Tools ///  
 RIMS-MPG  
 REPORT  
 RPS ///  
 Scientific Desk  
 Script ///  
 Soft Spoken  
 SORT  
 SOSCOMM  
 SOStran  
 Spooler ///p  
 Tabman  
 ThinkTank  
 Tools Times Three  
 TPG (The Program Generator)  
 Transforth ///

Insoft  
 International Apple Core  
 Soft-Life  
 Apple Computer  
 International Apple Core  
 Foxware Products  
 PowerTools  
 TAASCOM  
 Quark  
 PowerTools  
 Digital Microware  
 International Apple Core  
 International Apple Core  
 Swenson Associates  
 Software Publishing Corporation  
 McGrew & Associates  
 Quark  
 First Byte  
 Solutions  
 International Apple Core  
 Solutions  
 International Apple Core  
 Apollo Software  
 Sun Data  
 Microentics  
 On Three  
 Link Systems  
 Link Systems  
 Applied Software Technology  
 Apple Computer  
 Sun Data  
 Sun Data  
 C E Software  
 Information and Systems Research  
 Solutions  
 Apple Computer  
 C. Abaci  
 Apple Computer  
 First Byte  
 Solutions  
 PowerTools  
 Sun Data  
 Advanced MicroSystems  
 Kinetic Systems  
 Living Videotext  
 D.A. Data System  
 Pascal Systems  
 Insoft

# **QUICK REFERENCE SOFTWARE**

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## **HARDWARE**

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**Communi-  
cations  
Interface Cards  
Mass Storage  
Devices  
Printers and  
Plotters  
Upgrade Kits**

## **HELP SECTION**

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**Communication  
Services  
Customer  
Support  
Publications  
User Groups**

## **INTERNATIONAL SOFTWARE**

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### **European Software**

France  
Germany  
Great Britain  
Holland  
Italy

### **Intercontinental Software**

Australia  
Malaysia/ASEAN Area  
Peru  
Saudi Arabia  
South Africa  
Taiwan

# SOFTWARE

## Productivity Applications

### Accounting

**Accounting Plus.** Includes General Ledger, Accounts Payable, Accounts Receivable, Inventory, Sales Order, Purchase Order, Payroll, and Point of Sale (for retailers). Fully integrated system, offering complete financial reporting, budgets, and prior-year comparisons. Password protection. **ASK Micro.**

**Accounting Pearl.** Entry-level bookkeeping system including General Ledger, Accounts Receivable, Accounts Payable, Inventory, and Payroll. Not interactive, but can be customized with Personal Pearl Data Base Management System. **Pearlsoft.**

**BPI General Accounting.** Double-entry bookkeeping family of products for the Apple ///. Modules include 1) General Accounting, 2) Accounts Receivable, 3) Accounts Payable, and 4) Payroll. General Accounting module combines general ledger with subsidiary accounts receivable, accounts payable, and payroll ledgers in one software package. Lets you print customer statements and checks for payroll, accounts payable, and expense accounts, as well as a complete set of reports. **BPI** (through Apple Computer).

**Business Pro.** Integrated business accounting software package consisting of six modules: 1) General Ledger, 2) Accounts Receivable, 3) Accounts Payable, 4) Order Entry/Sales Analysis/Invoicing, 5) Inventory Control, and 6) Payroll. Licensing available. Menu-driven, compatible with Profile and Corvus hard disks. **Equitable Computer Marketing.**

**Client Billing System.** Accounts receivable program for attorneys, accountants, consultants, or others billing time or items. Includes aging, month-to-date charges, balance forward, and present balance. Details status of account, month- or year-to-date charges, and/or payments by employee, activity, or referral code. Accounts receivable can be integrated into a general ledger with accounts payable, payroll, and others. **CompuMed.**

**EASy.** Integrated system for general ledger, accounts payable, and accounts receivable; can be used in small to medium-size companies by managers, department heads, professionals, and retailers. Requires no computer experience. **DSC.**

**Financial Partner.** Integrated system for general ledger, accounts payable, and cash receipts (data can be upgraded to EASy); can be used by very small companies, departments within large companies, self-employed professionals, consultants, and investors, and for home financial management. Requires no computer experience or extensive accounting knowledge. **DSC.**

**Financial Statement Spreading.** VisiCalc template geared toward financial statements. Program produces a three-page report that includes a comparative balance sheet, comparative income statement, retained earnings reconciliation, sources and applications of funds, and comparative analysis of 25 key ratios. **Aurora Systems.**

**Flexware Accounting.** Modules include General Ledger, Accounts Receivable, Accounts Payable, Accounts Order Processing, Inventory Control, Purchasing, Payroll, Sales Analysis, and Job Costing. Also available is Flexware Application Development System and Flexware Run-Time System License. **Microfinancial Corporation.**

**GL-Plus.** Journal-based, general accounting system featuring accounts receivable and accounts payable, and supporting subsidiary records for both. Reporting system includes general ledger, general journal, income statements, balance sheets, customer and supplier reports, and receivables and payables for all companies, with four aging options. **Great Divide Software.**

# SOFTWARE

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## Productivity Applications

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### Accounting

**Hard Disk Accounting Series.** Menu-driven, double-entry accounting system combined in a system including the following modules: 1) General Ledger, 2) Accounts Payable, 3) Accounts Receivable, 4) Inventory, 5) Point of Sale, 6) Sales Order Entry, 7) Purchase Order Entry, 8) Payroll, 9) Fixed Asset Management, and 10) Mailing Labels. Payroll handles up to 9,999 employees and supports up to 20 types of payment. Inventory handles up to 32,768 parts, accommodates serial-numbered inventory items, allows sales history by individual item, and supports five price levels. Point-of-Sale program calculates sales tax and automatically updates inventory. Modules include audit trails. Requires Profile. **Great Plains Software.**

**INFOTORY.** Handles up to 26,600 inventory items and satisfies all requirements of inventory accounting. SSR also provides ANY REPORT, a unique reporting feature. **SSR Corporation.**

**Micro GL ///.** Double-entry general ledger and budgeting package that uses Profile to store up to 9,999 transactions. Maintains up to 999 accounts and provides variance reporting for month- and year-to-date; prints audit trails and balance sheets. **Micro Business Solutions.**

**Retail Subdividing Inventory System.** Allows items to be subdivided into multiple colors and sizes; manages items by vendor, order position, reorder point, and maintained mark-up—all by color and size. Features on-line processing, batch processing, extensive help screens, and a variety of reports. Accounts-payable trade functions maintain control of vendor invoices and prepare monthly payment statements and checks. **Shanali Software.**

**State of the Art Accounting System.** Offers a comprehensive choice of stand-alone or fully integrated accounting packages, including General Ledger, Budget and Financial Reporting, Accounts Receivable, Accounts Payable, and Inventory Control. Features documentation and tutorials. Dealer demo packages available. **State of the Art.**

**TSC TOTAL ACCOUNTING SYSTEM.** Allows interface between Total Ledger, Total Receivables, Total Payables, Total Payroll, Total Inventory, Total Utilities, SIMPLE, and Q/Label modules. Package also features TSC QUICK data base manager with fast information access, flexibility in report generation, and multiple user-defined cross references. Includes TSC SIMPLE Filing System, a data management system. **TSC Software.**

**VersaForm Application Templates.** Modules include Invoicing, Mailing List, Cash Receipts Journal, Expense Journal, Checkwriter, JOB COSTS-Labor/Material, and Purchase Order. Purchased separately, these templates all run with VersaForm. Invoices can be printed on a standard or custom-designed invoice form. Mailing List creates labels or master lists of names from VersaForm. Cash Receipts Journal, Expense Journal, and JOB COSTS-Labor/Material track cash receipts, expenses, and labor and material costs respectively. Checkwriter automatically keeps disbursement records and maintains a bank balance. Prints automatically on preprinted check forms. Purchase Order calculates dollar amounts and reports on the status of all orders. All templates come with predesigned entry screens and commonly needed reports. Instructions are included for customizing the system to specific office needs. **Applied Software Technology.**

# SOFTWARE

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## Productivity Applications

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### Accounting

**VersaForm Purchase Order Application.** Designed for purchasing departments in small to very large companies; contains suggested screen formats, sample paper forms, and a library of common report definitions. Can be configured to simulate an actual purchase order. Predefined but modifiable reports can track the status of outstanding orders by classifications. **Applied Software Technology.**

**WIMS Funds Accounting.** Complete accounting and payroll system for school administrations, county and city governments. Account numbers up to 21 digits. Hard disk required. Operates in a network environment. **W.O.S. Data Systems.**

### Data Base and Records Management

**Aladin.** Relational data base allows user to have as many as 65,535 records in one file. Allows use of normal calculations, advanced statistics, graphics and a very powerful data base. Menu-driven with prompt and help screens. Interfaces with Advanced VisiCalc and other applications. Searches two million records in typically one second; six levels of access security; variable length records with automatic data compression; and up to 64 user-defined screens per data base. **ADI America.**

**AppleFile ///.** Lets user store, arrange, and review records, and print reports with data summarized in totals, averages, and counts. Handles large files. Maximum file size of 16 megabytes with up to 80 fields per record. For a 100-character record with three record keys, allows 20,000 to 30,000 records per Profile hard disk system. Features such as password and entry rules ensure data integrity and security. Requires hard disk. **Apple Computer.**

**Data Base ///.** Allows up to 32,760 records per file with up to 200 fields per record. Does whole or partial field searches and has a built-in report generator to create and modify customer reports. Interfaces with Apple Writer ///. **RidgeWare.**

**DataFax.** A filing system that fits general need to keep track of unstructured information. The system itself is unstructured; user can enter, store, and access information without being locked into a predetermined structure. Using key word and cross referencing, organizes information into folders, each containing as many pages as required. **Link Systems.**

**Data Manager ///.** Includes a report generator and allows 16-megabyte files with over 32,000 records per file. Features custom-design screen input and output, and custom-design print output to include any combination of mathematics. Compatible with Apple Writer ///; can be used with floppy or hard disks. **MicroLab.**

**The Data Transfer System.** Companion program to The Personal Bibliographic System, will download bibliographic records from OCLC and RLIN on-line library catalogs. Once downloaded, programs are converted into correctly punctuated bibliographic citations formatted according to American National Standard for Bibliographic References. **Personal Bibliographic System.**

**Employment Application System.** Records employment applications (using optical scanner) on diskette files. Employer describes position to be filled and program prints out a list of applicants whose backgrounds match the position requirements. Can be customized for various applications. **Tamarac Systems.**

# SOFTWARE

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## Productivity Applications

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### DataBase and Records Management

**Keystroke Data Base and Report Generator.** Relational data base and report generator. Exchanges data with VisiCalc®; merges data for Apple Writer and Word Juggler®; converts Quick File® and PFS:FILE data into keystroke. Features computed and default fields, field formatting, scratch pad, flexible report design, and report previewing and highlighting. **Brock Software Products.**

**Mail List Manager.** Maintains and generates mailing lists. Stores up to 960 entries on one floppy disk; any number of disks may be combined to create a large mailing list. Fast sorting routines allow user to sort an entire disk of mailing labels in less than two minutes. **Apple Computer.**

**Mail List Manager Interface.** Allows Word Juggler® to access files created by Apple's Mail List Manager program. **Quark.**

**Microshare.** For use by banks, insurance companies, and benefits consultants. Tracks profit sharing, savings, simple thrift and tax deduction plans, and purchase pensions. **Trilog.**

**Microshare Register.** For use by banks, insurance companies, and benefits consultants. Allows separate cash, share, and cost accounts for both company's and company employees' sources of money. **Trilog.**

**Microshare Wills/New Business Systems.** For file record keeping and processing. Accommodates up to 600 wills. Hard disk version accommodates up to 13,000 wills. **Trilog.**

**The Personal Bibliographic System.** Word processor/data base system used to maintain formatted bibliographies. Formats citations for books, articles, sound recordings, maps, music scores, and so on, according to American National Standard for Bibliographic References (ANSI standard). Companion to The Data Transfer Program. **Personal Bibliographic System.**

**Personal Pearl.** Helps you set up a program taking advantage of built-in help systems. Includes tutorial and installation program as well as a welcome disk. Has free-form report and form generator capability. Handles up to 250 characters per record. **Pearlsoft.**

**PFS:FILE ///.** Allows user to set up a data base with variable field sizes and to store and retrieve up to 32,000 entries. Form-oriented information management system that lets user arrange information in user-defined "forms" and change original form without redoing information. Includes a report generator. **Software Publishing.**

**PFS:REPORT.** Generates reports, sorts, calculates, and manipulates data created with PFS:FILE ///. Summarizes information on forms used to analyze, plan, and make better decisions. **Software Publishing.**

**Quick and Easy Data Master.** Allows user to design program by setting information prompts, then writes program. User friendly. **Advanced Software Technology.**

**Quick File ///.** Manages medium-size data bases. Doctors, small business owners, homemakers, or scientists can quickly turn receipts, notes, lists, and schedules into coherent files and reports. Allows simple arrangement of records in alphabetical, numerical, date, or time order; searches, displays, and calculates totals and subtotals of numerical information. Compatible with Apple Writer /// and /// E-Z Pieces®. **Apple Computer.**

# SOFTWARE

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## Productivity Applications

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### DataBase and Records Management

**TDM.** Designed for file maintenance and reporting from large data bases. Features a maximum file size of 32,767 records, single-key field for updating, up to 20 levels of possible subtotaling, and batch loading to allow mass update from a sequential input. Resident p-System interpreter makes it portable. **Pascal Systems.**

**ThinkTank.** Outline editor with powerful, easy-to-use features for creating, reviewing, and working with outlines stored on floppy or hard disks. Idea-manipulating features make it a perfect "idea processor" for lawyers, managers, consultants, professionals, educators, and students. Requires two floppy disk drives or a hard disk drive. **Living Videotext.**

**VersaForm.** Incorporates a flexible set of procedures allowing a non-programmer to set up business forms, store them as files, and generate analyses and management reports from their data. Automatic filing, data-entry checking, and calculation options may be chosen to enhance accuracy and speed input. A data base reporting system produces detailed summaries of any data items contained within a file of forms. Can format printed output to match preprinted form as though it were manually typewritten. Common applications include invoicing, purchase order generation/operations management, professional time and billing, estimation, and personnel records. Hard disk version allows files sized up to 4 megabytes. Data disks may be interchanged between Apple // and Apple // / systems, allowing users to add Apple ///s to their existing Apple // networks without having to cope with data incompatibilities and conversions. **Applied Software Technology.**

### Financial Modeling and Analysis

#### Job Planning/Costing

**Critical Path Scheduling System.** Aids in scheduling complex projects, such as those in construction and aerospace. Tool for analyzing and scheduling tasks required to complete multilevel projects on time and at lowest cost. Features simple operation, large project capacity (over 2,000 tasks), easy update of project status, graphic project presentation, and manpower planning. **Great Divide Software.**

**Job Control System-Versions 3-100 and 3-400.** Maintains files for up to 600 open jobs, depending on version. Reports available include work orders, jobs by due date, job cost summaries, employee hours, and post-audit trails. **High Technology Software Products.**

**P.A.C.E.(Prompt Accurate Cost Estimator).** Aids estimators in appraising and estimating equipment, labor, material, and general project costs. Saves estimate details for later recall and modification. Provides features such as price mark-up, flagging of outdated costs, automatic estimate updating, and user-defined calculations. **High Technology Software Products.**

**VisiSchedule.** Uses Critical Path Method to produce summaries, time charts, and milestone reports. Interactive project management package that includes a calendar representation of start and stop dates, slack time, holidays, and deadlines for up to 300 different tasks that can be displayed and automatically printed out. Compatible with VisiCalc ///. **VisiCorp.**

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## Productivity Applications

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### Financial Modeling and Analysis

#### Spreadsheets, Statistics, and Analyses

**AIDA.** Runs all standard statistical tests, plus bivariate analysis such as two-way tables and multiple regression. Handles large survey data sets. Transforms variables for comparisons and recoding. You can use up to 32,000 data points in memory at one time. If, for example, you conducted a study with eight variables, you could have up to 4,000 data files. **Action Research.**

**The Big Picture.** A VisiCalc template allowing user to organize and project finances five years ahead. Develops a balance sheet, cash flow, and taxable income statement; calculates all taxes, determining appropriate withholding; includes major income, expense, asset and liability items, then produces fully integrated financial statements. Includes amortization calculator. **Apropos Software.**

**Business Planner.** Assists in creation of income statements and balance sheets. Projects can be combined in a single model to show interrelated effects. Graphics package available. **Duosoft.**

**Desktop Plan ///.** Combines financial analysis with model consolidation. Flexible report formats include graphics capability. **VisiCorp.**

**DIF Sort Utility.** Sorts a VisiCalc DIF file by rows or columns; sorts the worksheet in ascending or descending order. Menu-driven, it includes sample files and a SOS-commands submenu to help user manage disk space, file names, and subdirectories. Requires Business BASIC. **McGrew Associates.**

**DJ.** Allows user to transmit data from Dow Jones News/Retrieval directly into a VisiCalc spreadsheet. Eliminates manual entry and provides a fast, effective way to evaluate portfolios and make investment decisions. Requires modem and subscription to Dow Jones News/Retrieval. **Solutions.**

**DocuCalc.** Prints documentation of VisiCalc models, including new Advanced VisiCalc features. Prints single rows or columns or whole models either by rows or columns, in correct sequence. All formats printed in words. Multicolumn layout prints long equations but preserves spreadsheet layout. Reads SOS files directly without any conversions. **Micro Decision Systems.**

**Micro DSS/A.** Support tool for analysts and managers. Handles information for purposes of planning, evaluation, analysis, and reporting. Combines the most frequently used features of several software packages into one system. User can do statistical analysis and simulation modeling, access information, print reports, and produce graphics. **Addison-Wesley Applications Software Division.**

**Micro DSS/F.** Business tool for planning, analysis, and reporting, with a wide variety of formats and graphic presentations. Features sophisticated modeling capabilities available before only on large computer systems and timesharing. **Addison-Wesley Applications Software Division.**

**Micro/Scan II.** Investment data base covering 1,400 publicly held companies and 88 industries. Can screen, sort, and rank companies. Investors, pension fund executives, stockbrokers, and analysts can use any combination of 26 financial variables to look for good "buy" and "sell" ideas, and perform stock valuation studies on industries or on portfolios. **ISYS.**

# SOFTWARE

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## Productivity Applications

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### Financial Modeling and Analysis

**MultiPlan.** Automatic passing of information from sheet to sheet. Includes named cells and formulas, ability to "open" windows in multiple worksheets, direct reading of VisiCalc models, alphabetical or numerical sorting of entries, 16 arithmetic functions, five string functions, individual column widths, fixed decimal points, automatic pagination, and eight displayed data windows on screen. **Microsoft.**

**REPORT.** Enhances report-printing capability of VisiCalc. Segments reports too long or wide for a single page; allows descriptive rows and columns to be repeated on each report page; creates variable width columns; aligns decimal point; and handles right and left justification and centering. **Solutions.**

**Senior Analyst ///.** Allows you to create a large financial model because of model consolidation capability. Allows user to perform complex calculations using built-in functions; includes net present value, compounded growth rate, three kinds of depreciation, and linear regression forecast. Merges sales reports, budgets, and other MIS data into one report. **Apple Computer.**

**SORT.** Sorts rows or columns of a VisiCalc spreadsheet in ascending, descending, or alphanumeric order with up to five different rows or columns as sort keys. Sorted spreadsheet still contains formulas and values from unsorted originals. **Solutions.**

**Statpro.** Statistics and graphics data base system designed for the professional with no computer experience. Includes five modules: descriptive, regression, analysis of variance, time series, and multivariants. Allows you to store statistical data for manipulation, either graphically or with any other statistical procedures. **Wadsworth Professional Software.**

**VisiCalc ///.** Version of VisiCalc designed for the Apple ///. Eliminates calculator, paper, and pencil in developing plans and analyzing results. Built-in library of financial, statistical, scientific, and modeling functions takes advantage of 191K of 256K Apple ///. **VisiCorp** (through Apple Computer).

**VisiCalc Advanced Version.** Includes file compatibility with word processing and graphics, provides more complex formula handling, and features built-in financial functions, help facilities, variable column widths, and protected fields and keystroke memory. **VisiCorp.**

**VisiCalc Formatting Aids.** Adds features to VisiCalc /// similar to Advanced VisiCalc. Includes global features and nonglobal formatting of specific grids or ranges of columns or rows. Key commands print selected rows, control line spacing, and issue top-of-form feeds. **Data Security Concepts.**

**Viz-A-Con.** Combines multiple VisiCalc pages, totals all number fields, and prints customized labels. Performs hierarchical consolidations, time period roll-ups, asks "What if?" questions, customizes report formats, and provides a word processor interface. **Abacus Associates.**

**Viz-A-Merge.** Utility lets user cut and paste sections of spreadsheets to form reports. Combines sections, rows, columns, or single cells from spreadsheet pages into new or existing report, then recalculates selected formulas. Creates data files usable with VisiCalc®. **Abacus Associates.**

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## Productivity Applications

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### Financial Modeling and Analysis

#### Tax Planning

**Estate Tax Plan.** Aardvark Software. See Law Office Management.

**Professional Tax Plan.** Handles complex income tax calculations with speed, accuracy, and efficiency. Especially helpful for tax-planning professionals, such as attorneys, accountants, financial planners, trust officers, and insurance agents. Aardvark Software.

**SofTax.** Analysis, simulation, and preparation package expands VisiCalc® capability. Users can set up, modify, and finalize a model prior to preparing returns. Available in three versions: home, professional preparer for individuals, and professional preparer for companies and trusts. Design Trends.

**Timesaver Taxes.** Provides professional tax preparers—attorneys, CPAs, enrolled agents, and other professionals—with a fast, logical, easy-to-use approach to individual income taxes. Takes advantage of the large memory, speed, and numeric keypad of Apple III. C & H Taxes.

### Graphics

**Business Graphics III.** Accepts data from any SOS-compatible application, such as VisiCalc®, Desktop Plan®, or Senior Analyst. Plots a variety of graphs, including bar charts, pie charts, and scatter diagrams, and includes statistical analysis. It displays graphs on a variety of printers and plotters. Apple Computer.

**Chartmaker III.** Composes and draws transparencies in vivid color. Indents, centers, or justifies up to ten lines of text using up to seven different proportional fonts, four text sizes, and four colors. Transposes text onto bar or pie charts created by graphics packages. High-resolution screen prints to DMP or plotter. Available at no cost at any authorized Apple III dealer. Apple Computer.

**DPS (Dimensional Projection System).** Allows user to create archetypal objects and then load them into scenes. Objects may be simple or complex, and individually or collectively manipulated. Scene may be animated, viewed from any point, or rotated; perspective is automatic. Menu-driven. Requires a hard disk. dataSmith.

**Draw On III.** Turns an Apple III into a combination drafting table, easel, and sketch pad. Works in color and black-and-white graphics modes. User can cut and paste, creating libraries of special figures and objects, which can be moved onto, between, and around any of many drawing screens. Objects may be shrunk or expanded, rotated, textured, and inverted. Combines text, with a variety of fonts, directly with drawings. On Three.

**Fig Factory.** On-screen graphics let you use your own symbols and figures and give you complete control of every dot on screen. Available in 16-color or high-resolution black-and-white versions. Lets you make new symbols by drawing them on screen. Offers control of color table and transfer options; joystick or arrow input. Sun Software.

**GRAF-PAK.** Print upright, upside down, or rotated from left or right with this high-resolution graphics printing package that includes selectable printing densities, zoom viewport, and scale factors. Load files in just five keystrokes; types upper- and lower-case English or Greek. Supports serial, parallel, graphic, and buffer I/O cards. Smartware.

# SOFTWARE

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## Productivity Applications

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### Graphics

**Graph'n Calc ///.** Combination business graphic development and analytical computation package that develops five different types of graphs: line charts, grouped bar charts, stacked bar charts, combination line/bar charts, and pie charts. Graphs may be printed on Apple Imagewriter or on an Epson printer with Graftrax. Graphs created on video display may be saved to disk for later showing by integrated "slide show" system that's included. Built-in analytical computations include geometric, exponential, and linear curve fitting; exponential smoothing; multiple linear regression; seasonality analysis; and many time series functions. **Desktop Computer Software.**

**Paper Graphics.** Provides high-resolution graphic printing, from Business BASIC or Pascal, of 280- and 560-pixel-wide black-and-white screen. Graphics may be printed from FOTO files or PASDTA files of proper length. Full or partial screen may be printed upright or rotated. Requires no special graphics cards. **Penguin Software.**

**PFS:GRAPH.** Works alone or interfaces with PFS:® data bases and VisiCalc® files. Features presentation-quality bar charts, line graphs, and pie charts, in black and white or color, on paper or on screen. Mixes and matches line and bar graphs; stacks or compares up to four bar graphs simultaneously. **Software Publishing.**

**Screen Director.** Converts Business Graphics /// screens into a set of slides for presentations and seminars. Then user can display the slides on screen and control them with Kodak hand-held remote-control switch included with package. User can also arrange images in sequence. **Business and Professional Software.**

### Integrated Software

**/// E-Z Pieces.** Integrated spreadsheet, data base, and word processor that loads multiple files. Easy cut and paste within and between files. All programs use same commands. On-line help messages. Spreadsheet handles up to 999 rows by 126 columns; flexible column width; repeat formulas; ultra-fast loading. Data base records as large as 30 categories; arithmetic functions; ultra-fast sorting. Feature-rich word processor prints exactly what you see. **Haba Systems.**

**Habadex "Window Dialer."** Looks up names and numbers and dials calls. Interrupts programs to allow you to find names and dial calls, then puts you back. You can initiate a window of names and numbers from your personal files. Dials with one keystroke. **Haba Systems.**

### Word Processing and Spelling Checkers

**Apple Speller ///.** Spelling verification program that allows user to check any size document for spelling errors, word usage, word count, and vocabulary analysis automatically. Works with documents produced by any word processing package used on Apple ///. Contains an 83,000-word dictionary, based on *Random House Dictionary*, and lets user create specialized dictionaries, add words, or even delete words not often used. Provides an auxiliary dictionary with 3,400 more words in four categories: geography, names, figures, and abbreviations. Legal and medical dictionaries available from Random House. **Apple Computer.**

# SOFTWARE

## Productivity Applications

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### Word Processing and Spelling Checkers

**Apple Writer ///.** Allows user to create, edit, format, and print documents. Includes text-editing capabilities such as find-and-replace, move, change case, duplicate text, and underline. Includes powerful Word Processing Language (WPL) as an added tool for creating and archiving special commands and subroutines. Apple Speller /// can be run as a menu option, allowing user to verify and correct spelling and return directly to word processing without booting or rebooting either program. **Apple Computer.**

**Fact Writer ///.** Pascal document processor for Pascal text files of any size; Pascal editor/formatter for use by Pascal programmers and document authors. Ideal for creation of large documents, such as books. Performs automatic MIL SPEC heading and table of contents and index generation. Hard disk version available. **Fact Finder Software (Division of NARU Enterprises).**

**Inkwell.** In addition to usual editing capabilities, program features quick-access screens, what-you-see-is-what-you-get display, formatted merge printing, extra-wide documents (up to 155 characters), typewriter mode (immediate echo of keystrokes to printer), and friendly typewriter-like design. **Foxware Products.**

**Legal Dictionary.** Accessory to Lexicheck (see below) that adds 8,000 legal terms to basic 50,000-word Lexicheck dictionary. **Quark.**

**Lexicheck.** Spelling checker included in Word Juggler® package. Allows user to eliminate almost all typographical errors and common misspellings. Can be accessed from Word Juggler with a single keystroke. Scans long documents for misspellings as fast as 14,000 words per minute. Comes with a 50,000-word dictionary; an 8,000-word legal dictionary is also available. **Quark.**

**Merge ///.** Allows data files created on Apple Writer /// or PFS:® /// to be merged with any Apple Writer /// document. A sample PFS: template and data are included. Does for Apple Writer /// what templates do for VisiCalc® in transporting data files to and from PFS:. **Forsythe Computers.**

**PowerText.** Performs a full range of sophisticated editing functions, including total column formatting and extensive print-command flexibility. Accommodates up to 12 columns per 132-character line with individual spacing for each line. You can justify left or right, center each column separately, or print any column in paragraph style. UCSD Pascal® based. **Beaman Porter.**

**Script ///.** Text formatter for files created by Pascal Editor. Allows user to format any text using Apple /// Pascal Editor with greater ease and flexibility than before. User can embed commands in an Apple /// Pascal text file and get layout-perfect printouts every time. User can designate line spacing, margins, and page breaks; paginate using headers or footers; and underline, center-, left-, and right-justify text. **Apple Computer.**

**Sprinter Text Formatter.** Generates camera-ready copy for immediate reproduction, automatic collection and sorting of indexes and table of contents, automatic footnote management, multiple-column formats, proportional spacing, and variable justification. Underlying resolution is a function of output device's capabilities—typically 1/48 inch vertically and 1/120 inch horizontally. Includes a font data base utility that provides easy definition and maintenance of print-element characteristics. **Scenic Computer Systems.**

**Suave WPL Programs.** Menu-based package of 24 Word Processing Language (WPL) programs allows Apple Writer /// users to perform tasks such as document pagination and headings, multiple-text file management and printing, and address file columnation. **Suave Ideas.**

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## Productivity Applications

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### Word Processing and Spelling Checkers

**Terminus.** Telecommunications accessory to Word Juggler® that's accessed with a single keystroke. Features include terminal communications at any of eight baud rates; use of even, odd, or mark parity; and ability to store up to 15 protocols in which 26 user macros may be defined. **Quark.**

**TypeFace.** Allows Word Juggler® to interface with computerized typesetting equipment. Works with any typesetting machine that can receive ASCII information over an RS-232 link with a "translation table" capability. A document formatted for typesetter may be sent through a direct RS-232 connection or via a modem. **Quark.**

**Word Juggler.** Combines a general-purpose word processing program with spelling dictionary, terminal program, mail list, and typesetting features. Page length, margins, or other formatting parameters can be easily changed by referring to a unique keyboard template. Handles documents up to 254 columns wide. Special printer filters allow user to take advantage of bold printing and underlining features on most printers. Shadow-bold printing, underlining, superscripts and subscripts, and microspace justification can be done with most letter-quality printers. Form letters can also be created with an exclusive "fill-in-the-blank" feature. Incorporates a generalized print spooler, Discourse. Compatible with Terminus, Lexicheck, and Mail List. **Quark.**

**Write-On!** Offers ability to enter text and edit documents quickly and easily. In addition to standard functions, program has a data file section for use in creating form letters. Touch typists can enter text quickly and easily; editing chores are performed with equal ease. **Datamost.**

**Zardax ///.** Word processor package requiring at least 128K; supports as many features as possible with as many printers as possible. Built-in form letter capability. Supports 40 printers in parameters; users can add and modify parameter files. Text capacity on a 256K machine is over 195K. Loads that amount of text from Profile in 10.3 seconds. Files can be changed to make them longer, if necessary. Sample text files and tutorial in manual. **Action Research N.W.**

# SOFTWARE

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## Vertical Market Applications

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### Agriculture

**AGRICAP.** Integrated accounting package designed for agricultural businesses. Allows accrual or cash basis; includes 13 reports as standard for ranching and farming accounting needs. Core module may be combined with payroll, accounts payable, accounts receivable, fixed assets, and/or inventory/feedlot modules. Menu-driven. **XLNCap.**

**Agri-Ledger.** Double-entry accounting system for agricultural operations. Menu-driven program features income statements, balance sheets, budget reports, comparison of performance against projections, enterprise analysis and report combinations, quantity fields, Schedule F information, yearly history, and more. Cash flow templates for both farm and personal items included. Additional agriculture modules available. **Small Business Computer Systems.**

# SOFTWARE

## Vertical Market Applications

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### Agriculture

**Beef Feeder Projection.** Leads farmer through costs of producing livestock. Then calculates cost of production, breakeven purchase price, breakeven sell price, and projected profit. **HCI.**

**Cash Crop Breakeven Program.** Leads farmer through costs of raising any crop and then calculates breakeven yield, breakeven price, and profitability of crop. Also calculates buying and rental breakeven prices on land based on cost of raising a crop. **HCI.**

**Commodities Charting #1.** Allows user to graph commodities using data which can easily be entered manually or by telecommunication. Any number of commodities can be tracked. Contains point and figure, and moving averages. **HCI.**

**Commodities Charting #2.** Allows user to graph commodities using data which can easily be entered manually or by telecommunication. Any number of commodities can be tracked. Contains point and figure, moving averages, trends, trailing stops, internal strength, and more. **HCI.**

**Corn/Soybean Management Series 1.** Includes Grain Storage Decisions, Harvest Loss Calculations, Crop Yield Calculator, Field Population Calculator, and Planter Calibration Calculator programs. Lets you analyze hundreds of management alternatives from calibrating your planter to storage and marketing. AG-DISK® provides information to optimize your time and money. **Harris Technical Systems.**

**Crop History.** Stores five years of soil test and cropping history. Allows up to 50 scouting notes per field. Graphs soil levels, telling you whether they are low, medium, or high, and graphs a nutrient over the five-year period to show increases or decreases in fertility. **HCI.**

**Crop/Livestock Profit Projector.** Planning instrument for farmers and ranchers. Designed to let farmers answer "What if?" questions based on market prices, yields, and costs. Bar graphs illustrate projected expenses as a percentage of income and projected profits. **Harris Technical Systems.**

**Dairy Ration Balancer Program.** Balances rations based on feeds available from farmer, using National Research Council adjustable requirements. Allows user to store, change, and print rations and nutrients for rations. Prints reports of ingredients, nutrients, batch amounts, cost, and profitability of a ration. **HCI.**

**Elevator Manager Program.** Gives elevator manager a daily position report. Stores contracts bought and sold and grain sold, stored, warehoused, or grainbanked; creates settlement sheets for each customer with customer's current storage charges. **HCI.**

**Equipment Analysis.** Inventories all depreciable farm assets and stores cost and operating costs of farm. From this information, reports are generated which give farmers per-hour and per-acre operating costs of present equipment and any equipment being considered for purchase. Also depreciates necessary items. **HCI.**

**Farm Bookkeeping.** Double- or modified single-entry accounting system which keeps bin, field, lot, crop, and livestock inventories and profit and loss analyses. Extremely easy to use and very flexible. All reports are generated from a single entry of information. **HCI.**

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## Vertical Market Applications

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### Agriculture

**Farm Ledger.** Designed for farmers' bookkeeping needs. Program handles cash, check, note, and account transactions. Powerful enterprising features include a variety of report generators, such as landlord ground expenditures, machinery expenditures, and repair records. Includes check register and checkbook reconciliation. **Harvest Computer Systems.**

**Farmer's Workbook.** Contains 23 programs covering general business, farm machinery, livestock, and grain management. Also included are VisiCalc® templates for farm management, cost analysis, price, and weight analysis. **Cyberia.**

**Financial Management Series 1.** Programs include Land Purchase Analysis, Depreciation Schedules, Farm Profit Analysis, Loan Cost Calculator, and Interest Income Calculator. Lets you quickly analyze hundreds of management alternatives to receive highest return on investment. **Harris Technical Systems.**

**Finishing Hog Projection.** Leads farmer through costs of producing livestock in farm operation. Then calculates farmer's cost of production, breakeven purchase price, breakeven selling price, and projected profit. **HCI.**

**Hog Farrowing Projection.** Leads farmer through costs of producing livestock in farm operation. Then calculates farmer's cost of production, breakeven purchase price, breakeven selling price, and projected profit. **HCI.**

**Hog Production System.** A set of VisiCalc® templates designed to aid hog producers with record keeping and management. Cash flow templates maintain records for 27 categories, such as feed, fuel, supply/repair, labor, and taxes, and allow for preparation of monthly and yearly budgets. Production templates maintain records for 21 categories, such as litters farrowed, litters weaned, sows bred in current month, sow herd average, and total pounds sold. **Cyberia.**

**Invoice/Inventory Program.** Creates an invoice and inventories fertilizer, chemical, and seed products. Eliminates many costly pricing and extending mistakes, and provides an immediate perpetual inventory. **HCI.**

**Machinery Management Series 1.** Programs include Operation Cost Estimations, Lease/Buy Comparison, Ownership/Hire Comparison, and Loan Cost Calculator. Lets you quickly and easily analyze hundreds of management alternatives and choose the ones that are best suited to your operation. **Harris Technical Systems.**

**Mix and Formulation Program.** Formulates, batches, prices, and inventories fertilizer (dry, liquid, or suspension) and chemical mixes. Prints batching ticket and invoice. Also creates a report on perpetual and sold-to-date inventory of all fertilizer and chemical products. Installed in over 600 locations in U.S. and Canada. **HCI.**

**Soil History and Recommendation.** Designed as a sales tool for the fertilizer dealer to make soil recommendations and price them using a program sales approach. Allows for different yield goals and up to 20 user-defined crops and user-tuned recommendations. Also stores five-year soil and cropping histories, as well as an area to keep scouting reports. Graphics display soil nutrient levels. Unlimited number of customers. **HCI.**

# SOFTWARE

## Vertical Market Applications

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### Agriculture

**Swine Management Series 1.** Programs include Swine Ration Analysis, Feeder Pig Analysis, Hog Selling Decisions, and Sow Productivity Calculator; let your hog-producing customers quickly and easily analyze hundreds of management alternatives and choose the ones best suited to their operation. Whether calculating efficiency of swine rations or breakeven market price for feeder pigs, AG-DISK delivers information needed to make sound management decisions. **Harris Technical Systems.**

**Swine Ration Balancer Program.** Balances rations based on feeds available from farmer, using National Research Council adjustable requirements. Allows user to store, change, and print rations and nutrients for rations. Prints reports of ingredients, nutrients, batch amounts, cost, and profitability of a ration. **HCI.**

**VisiCalc® Templates.** Templates, which include Business Management, Cow-Calf Herd Management, Crop Management, and Feedlot Cattle Management, make VisiCalc® programs easy to use for your farm or ranch. **Harris Technical Systems.**

**WORKSHEET.** Designed specifically for farm use, package contains 14 VisiCalc® models: Feeder Cattle Purchase Analysis, Feeder Pig Purchase Analysis, Cash Flow, Hog Plan, Debt Payment/Capital Planning Schedule, Cash Rent Analysis, Sprayer and Herbicide Mixing Calculations, Chemical Mix Cost Comparisons, Grain Marketing Plan, Grain Marketing Alternative Cost Analysis, Crop Comparison, Land Purchase Analysis, Grain Volume, and Farm Metric Conversions. VisiCalc® required. **Harvest Computer Systems.**

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### Architecture

**ArchAccount ///.** Billing and job costing program for small architectural firms using fixed fee and percentage of construction cost methods, as well as an hourly method. In addition, program gives flexible control over billing without rigid structure required by an accounts receivable module. **The Gardner Partnership ARCHITECTS.**

**Design ///.** Graphics package allowing draftsmen or architects with scale drawing requirements to preset measures or track distances in the drawing. Special symbols may be created and matched with material lists and quotes. Text and graphics may be mixed with ease and design edited. Supports many high-quality printers. **Microentics.**

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### Banking/ Finance

**Asset/Liability Management System.** Featuring GAAP Management/Policy reporting, balance and income sensitivity statements, rate maturity summary, "What if?" capabilities, consolidation of holding company, data estimating routines, and a wide variety of report functions. **Wall Street Consulting Group.**

**Automated "Repo" System.** Gives you a completely automated repurchase agreement system. Features G/L tickets; client confirmation letters; a wide variety of reports; maturity, client, and security listings; 1099 tax accounting; FDIC breakouts; regular, pledge, and broker accounts; accounting functions; and more. **Wall Street Consulting Group.**

**BankCalc 1.** Package has 14 VisiCalc® templates, including models for IRA programs, fixed assets depreciation programs, amortization, management reports, yield variants, and yield summary. **MicroBook.**

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## Vertical Market Applications

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### Banking/ Finance

**BankCalc 2.** Package has 16 VisiCalc® templates, including nine management models, yield calculations, monthly spread, four-year future earnings projections, monthly budget, monthly accrual of income tax, accelerated cost recovery programs, and mortgage amortization. **MicroBook.**

**BankCalc 3.** Package has eight VisiCalc® templates, including teller scheduling models, TEFRA models, tax equivalent yield of municipal bonds, monthly billing to commercial customers, direct reports, and amortization. **Microbook.**

**BANKPLAN.** Asset/liability management program designed for banks, especially thrift institutions. Provides income statement, balance sheet, and GAAP analyses. Requires VisiCalc® and 256K Apple ///. **Main Hurdman.**

**BASIS.** Assists banks in financial planning and optimization of interest margins. Key features and functions include 1) flexible user options; 2) comprehensive fiscal and 12-month running forecasts; 3) unlimited modeling to test a wide variety of "What if?" questions over monthly, quarterly, or yearly time frames; 4) asset/liability matrix, allowing banks to allocate sources of funds to uses of funds; 5) graphics interface, allowing elements of each model to be displayed graphically on a monitor or printed; and 6) preformatted displays and easy access and maintenance of data base. **Darling & Associates.**

**Bond Pac.** Complete bond accounting and decision-making package consisting of four modules: 1) Bond Accounting, 2) Bond Swap, 3) Bond Calculator, and 4) Bond Portfolio Management. Features cash and accrual accounting, amortization, automatic pricing, tax and book profits, institutional and personal swaps, single and multibond swaps, GAAP and tax swaps, duration and immunization, realized yields, optional spread analysis and "What if?" capability, and more. **Wall Street Consulting Group.**

**Credit Manager.** Gives loan officers a degree of certainty as to credit risk of prospective clients. Included are two modules: Five-period Historical Analysis and Five-period Cash Flow Forecasting. Uses Robert Morris industry averages for comparison. Requires 256K Apple /// with two disk drives and VisiCalc® Advanced Version. **Aurora Systems.**

**Dow Jones Market Manager.** Maintains one or more security portfolios. You can access up-to-date prices and financial information, and can track stocks, bonds, options, mutual funds, and treasury issues. In addition to automatic evaluation of positions, includes both individual account and overall securities holding reports. Features easy-to-use data entry for buys, sells, and cash transactions; a complete year-to-date realized gains/losses tax record; and automatic cash entry system for buys and sells. Allows easy access to all Dow Jones News/Retrieval® services. **Dow Jones & Co.**

**The Family Security Analysis.** Financial modeling program for insurance agencies to determine capital required for a client to retire. Figures capital needs, retirement needs, disability needs, and a budget analysis, as well as tax projections. **Ken-Tec Marketing Group.**

**Loan Document Processor.** Calculates installment loans and prints forms for installment loan officers. **Financial Systems.**

**Lump Sum Payments.** One-time, lump-sum check processing system that prepares checks, a check register, a tax ledger, and 1099R tax forms. **Trilog.**

**Microshare ESOP System.** Record-keeping system for employee stock ownership plans that allows separate cash, share, and cost accounts for both company and employee sources of money. **Trilog.**

# SOFTWARE

## Vertical Market Applications

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### Banking/ Finance

**Microshare Profit Sharing System.** Provides employee benefit record keeping for profit-sharing, money-purchase, pension, savings, simple-thrift, and tax-deduction plans. **Trilog.**

**Microshare Wills/New Business System.** Will-retention and new business system that provides will-file record keeping and processing for acquired and prospective new business. **Trilog.**

**Microtrust.** Complete personal trust accounting system that provides administrative and customer reporting, prepares investment reviews, maintains accounting records, and aids in tax preparation. **Trilog.**

**Money Center Accounting System.** Manages bank repurchase agreements, providing password protection. To make record keeping easy, has three separate files for customers, securities, and accounts, as well as a rate file allowing user to specify ten different base rates daily. When a new repo is assigned, program automatically pledges the collateral, if designated, and keeps track of maturity date of each repo. Automatically calculates market value of each security, and amount of each available for pledging. Prints customized customer receipts. Menu-driven. **Aurora Systems.**

**Money Desk Management System.** Handles certificates of deposit, commercial paper, repurchase agreements, and master notes. Selective features include 1099 tax accounting, physical and book entries, separate branch accounting, and complete audit trails. **Wall Street Consulting Group.**

**Personal Banker.** Identifies type and number of services available by category; looks up terms, conditions, and descriptions of specific bank services; summarizes terms and conditions of specific services; prints a detailed description of each bank service; and prints a summary of terms and conditions by type of service. Allows banker to customize and maintain an up-to-date data base of banking services. Equipped to perform financial calculations. **Aurora Systems.**

**Portfolio Management System.** Investment portfolio accounting system designed for financial institutions. **Darling & Associates.**

**Profit Planning/Asset-Liability Management.** Includes 12-month profit planning, balance sheet forecast, rate forecast budget data, profit and loss statements, account analyses, tax calculations, and significant ratios. **Plansmith Corporation.**

**Quest Audit Control.** Gives bank auditors, managers, and executives an efficient way to control and analyze internal audits. Simultaneously records information and permits future reporting, tracing, and analysis of exceptions. Separate audit functions of data entry, reporting, and follow-up are combined into one procedure through use of Audit Findings "Turnaround" Report. Standard or often-used text can be used repeatedly without rekeying. Specific areas of risk can be quickly spotted using summary reports. **Quest Designs.**

**Quest Charged-Off Loan Accounting.** Provides a permanent record of charged-off loans so future payments may be properly credited and controlled. Not only calculates interest and penalties associated with collection efforts, but also provides full accounting for audit control and reporting. A "tickler" report is included for next promised payment and many other notation fields. **Quest Designs.**

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## Vertical Market Applications

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### Banking/ Finance

**Quest Document Control.** Provides central loan administration with an automated method of tracking missing or incorrect documentation, as discussed in a loan review process. Managers of loan function can easily review number of outstanding or incorrect documents, source of concern, and length of time exception has been outstanding. Management report summarizes overall condition of this function and permits tracking of improvement efforts. **Quest Designs.**

**Quest Loss Control.** Provides an effective system for reporting and tracking bank operating loss and recovery transactions. Improves information flow to bank security departments, investigators, and senior management. All potential losses and recoveries can be recorded and analyzed to aid in follow-up and monitoring. Compares selected categories of operating losses with prior month and year so policies and procedures can be changed if required. Each loss event is recorded and tracked to assure proper follow-up and maximum recovery. **Quest Designs.**

**Quest Records Retention.** Maintains complete inventory of items stored to meet legal requirements. Performs rapid retrieval by multiple data elements. Manages record storage efficiently through automatic monitoring of warehouse locations and destruction dates. All boxes and their contents are recorded, stored, and location coded for rapid retrieval as needed. Search criteria can include date, date range, branch/unit, type of record, or any combination of the above. **Quest Designs.**

**Quest Supplies Manager.** Provides inventory control of general supplies associated with serving branches or departments. Basic inventory accounting functions included are reordering and cost allocation. **Quest Designs.**

**Quest Suspense Control.** Provides management control of suspense function. Each entry separately controlled by a unique number and described completely. Features management reports for large items, old items, source, and person assigned to resolve. Includes a work measurement facility to allow management to measure not only individual performance but also cost of processing suspense entries by source of item. **Quest Designs.**

**RB3 (Relationship Banking System).** Helps your bank transform itself from an order taker to a selling institution. Connects your bank with microtechnology to provide a tool to make your selling effort more profitable. Includes tools for responding to customer inquiries, employee training, and personal selling and financial counseling. **Aurora Systems.**

**Reveal.** Client and portfolio management system designed by brokers to help current and prospective clients. Includes automatic pricing capability available through various pricing services. Users have option of receiving daily price information for all commodities, securities, options, and bonds from every major exchange. Cross reference ability allows broker to ask for information by any criteria. Determines which clients own a specific product or quantity, or which meet specified requirements. **Reveal Software.**

**Safe Deposit Billing System.** Consists of processing functions—record keeping, billing, auditing, and reporting— for maintaining a safe deposit operation. Other features allow separate accounting totals for several offices or branches, billing selection, three-line marketing message at bottom of customer statements, ability to adjust charges on individual billing, changes in box rates, open box reports, and past due accounting records. Menu-driven. **Aurora Systems.**

# SOFTWARE

## Vertical Market Applications

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### Banking/ Finance

**Security Safe-Keeping System.** Automated security safe-keeping system for trust departments and bank money centers. Features G/L tickets, a wide variety of reports, accrued interest/brokers' commissions/service fees, R-bills, bond or stock transactions, maturity and interest look-ahead, separate branch accounting purchase/sales/maturity transactions, maturity schedules, and other categories. **Wall Street Consulting Group.**

**Stock-Focus.** Using capital structure and performance data, calculates underlying value of a stock. Developed by management science department of a major money center bank; now in use by investment advisors, trust companies, and brokerage houses. Has ability to plot an estimate of lowest value, highest value, and current price. **High Technology Software.**

**Stock Pac.** Comprehensive stock and portfolio analysis system, featuring stock analysis with automatic price updates, performance comparisons, maintenance of stock lists, custom programming of user's own stock models and stock filters, and automatic EPS/DPS. **Wall Street Consulting Group.**

**Vining Asset/Liability Management System.** Planning model for banks allowing them to evaluate effects of interest rate changes. Training and support programs offered. **Vining Sparks Micro Software.**

**Vining Bond Swap System.** Banks and security dealers can evaluate consequence of trading one security in their portfolio for another. **Vining Sparks Micro Software.**

### Law Office Management

**Client Management System.** Provides such functions as pre-bills, statements, accounts receivable, case list and recap services, attorneys' and standard hourly rates, case control reporting and histories (single or multiple case), total fees billed, G/L information, financial case recap, docket schedule (including qualified critical dates, reporting listing, and recap), past due and collections report, and labels. Menu-driven and self-prompting. Also includes aged unbilled time report, attorney time analysis, case-type productivity report, trust-accounts and trust-activity report, complete audit trail, and an efficient disk storage system for fast retrieval. Compiler is generated using UCSD Pascal®. **Compu-Law.**

**Estate Tax Plan.** Sophisticated estate tax planning program developed specifically for professionals, such as attorneys, accountants, financial planners, trust officers, and insurance agents. Complex interrelated tax effects of "What if?" assumptions can be calculated in minutes. **Aardvark Software.**

**Law Firm Profit Planning Model.** A VisiCalc® template used in planning, budgeting, and profit-improving projects with law firms; can input and change monthly revenue-generating assumptions. Maintains a cash-basis profit and loss statement, accrual-basis profit and loss statement, cash flow statement, and accrual-basis balance sheet. Also maintains key statistics, including cash income and distribution per partner, cash distribution per share, and key operating ratios. **Arthur Young.**

**Lawman.** Includes accounts receivable, time and disbursements, interactive data input, file inquiry, management reports, computer billing, cash receipts with automatic application, data scans for increased accuracy, and exception reporting. Designed to improve turnaround time, increase collections, enhance attorney productivity, optimize data gathering, display up-to-the-minute client data, and graphically depict critical management information. **Frederick & Associates.**

# SOFTWARE

## Vertical Market Applications

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### Law Office Management

**Legal Dictionary. Quark Incorporated.** See Word Processing and Spelling Checkers.

**Legal Office Manager.** Full-charge billing and scheduling system for small and medium-size law offices. Includes configured screen format and sample reports. Templates completely modifiable by a novice computer user. Takes advantage of look-up tables or internal checklists that automatically fill in rates, verify item entries, and calculate fees. Comprehensive calendar and scheduling system also built in. **Applied Software Technology.**

**OR-D Legal System.** Complete, user-friendly system for managing a legal practice; includes both time and client billing functions and features a complete report generator. Can also interface with a word processor. Requires a hard disk. **OR-D Systems.**

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### Medical/Dental Office Management

**CompuDoc.** Designed to serve physician's data-handling needs. Includes a large data base of biographical information for each patient with a record of diagnoses and medications. Files can be searched to provide a list of all patients having virtually any combination of biographical and medical characteristics. Designed to handle patient data and office accounting information that is used and continuously updated in an office. Since information is easily retrieved, printing statements, insurance claim forms, and daily, monthly, or annual reports is simple and accurate. Includes comprehensive accounting program which handles A/R, and prints statements and periodic reports for practice and tax purposes. **CompuMed.**

**CompuMedic.** In-office medical management system with increased collection and decreased billing time, providing patient billing and insurance processing with the following features: periodic or sequential billing, family accounts, and report generation. Also provides analyses of receivables and highlights future trends of the practice. Supports up to 16 physicians. Training is provided and system can be totally self-customized. Menu-driven help screens are included. **Infeld Software (Data Strategies).**

**COPRAM-M.** Turnkey software package for medical management. Designed for use with a superbill, features include rapid entry routines, creation of physicians' daily schedules, capacity of up to ten patients per account, and unlimited insurances per patient. Produces daily physicians' reports, including summation of activity for day, month-, and year-to-date activity for each physician; generates monthly closing for each physician. Uses standard AMA-HCFA-1500 insurance claim form for up to ten physicians. Hard disk required. **COPRAM.**

**The Dental Clinic.** Fast, efficient management program for dental offices requiring convenience of cycle billing for large patient bases. Will also prepare third-party claim forms, handle appointment scheduling and patient recall, and print superbill statements at time of service. Requires Business BASIC, two to four disk drives, 130-column printer. Hard disk version available. **Monument Computer Service.**

**GOAL Ophthalmic Software.** Patient management system that includes patient billing, word processing, mail-list generation for patient recall, and office accounting. Patient file contains complete demographic information (including prescription records). Accounting features include journal entry, balance sheet, income statement, and practice analysis. Package price includes on-site installation and 15-month support agreement (includes all software updates). **Global Optics.**

# SOFTWARE

## Vertical Market Applications

### Medical/Dental Office Management

**Medical Billing System.** A billing system for small group practices or single physician office. Handles up to ten physicians, 20,000 patient accounts, 1,500 insurance forms, and 6,000 transactions per billing cycle. Performs private party, insurance, and MediCal billing. **Professional Medical Software.**

**Medical Clinic.** Schedules appointments, records daily transactions, and prepares billing (including third-party billings). Allows for large patient base. Superbill portion of program permits patients to prepare their own claims and improves physician's cash flow. Requires Business BASIC, two to four disk drives, 130-column printer. Hard disk version available. **Monument Computer Service.**

**Medical Office Management ///.** Complete administrative package for solo practitioners or small groups. Includes appointment scheduling, patient record keeping, A/R, and insurance claim forms preparation. Handles unlimited data base, 1,000 procedures, over 13,000 active appointments, 1,000 daily transactions, one to five providers, and 300 carriers. Requires Business BASIC, two to four disk drives, 130-column printer. **Charles Mann & Associates.**

**MiniMax.** Host-reimbursement system for health care financial managers to help them immediately analyze potential dollar impact of Medicare regulations that maximize Medicare reimbursements. Includes health care financial-modeling, simulation, and analysis capabilities. When Medicare regulations change, company provides training, manual revisions, and updated programs. **HealthWest.**

**OR-D Dental System.** Permits 1,500 to 5,000 active accounts, up to 15,000 patients, 500 insurance companies, 15 providers, and 150 dental codes. Functions include per visit invoice and reminder notices, form generation for scheduled patients, income reports, insurance claim form generation, billing and statement processing, aging reports, monthly recall list, and label generation. Requires a hard disk. **OR-D Systems.**

**OR-D Medical System.** Includes everything necessary to manage a medical practice efficiently. Has a full range of reporting features and can handle insurance forms and patient billing. Requires a hard disk. **OR-D Systems.**

**Orthodontic Office Package.** Practice management system for orthodontists. Package combines software, materials, installation, training, and support. Features include patient information sorting, accounts receivable, recall appointments, insurance capabilities, and more. Allows creation of data files which can be accessed by Word Juggler® for word processing. Menu-driven. Requires a hard disk. **Ortho Computer Systems.**

**Patient Notes.** Keeps track of patient history and location, including diagnoses and medications. **Professional Medical Software.**

**Physical Exam.** Generates physical exam reports. Can set up a program to match user's exam methods. **Professional Medical Software.**

**Physicians Accounts Receivable and Insurance System (PARIS).** Handles all aspects of billing and A/R. Provides summary reports of a patient's diagnosis and history. Utilizes CPT or physician's own codes for diagnosis and billing. Includes patient information set-up, patient charges, payments and adjustments, end of day processing, patient history reports, monthly statements, insurance claim form. Hard disk required. **Parker Computer Systems.**

# SOFTWARE

## Vertical Market Applications

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### Other Vertical Market Applications

**Bad Check Control and Collection System.** Maintains an inventory of up to 500 bad checks for up to 99 stores. Generates a collection letter, mailing label, and alphabetical listing of checks on file. Includes totals by status code or store. Maintenance includes "old" and redeposited checks which drop off after 15 days. Includes tutorial. **Charlie's Computer Consulting.**

**Beat the Spread.** Get the edge you need to predict NFL/USFL point spreads. System was 87% accurate in picking upsets during 1982-83 NFL season. Each week, enter offensive statistics for each game (yards rushing and passing, points scored, number of pass and rush attempts, and first downs), then instruct computer to provide point spread for following week. **Bowling Computer Systems.**

**Builder's Estimation Program.** VisiCalc® templates for farm and house builders figure prices of materials required and print a materials list for such diverse structures as homes, dairy barns, chicken coops, cattle buildings, and insulated shops. **North Country Builders.**

**Employee Application System (EAS).** Records employee applications using optical scanner and stores them on diskette. The employer can then describe optimal position requirements, and the EAS will print out a list of matching applicants. Can be customized for non-school use. **Tamarac Systems.**

**Fanny May Form Filler (FNMA 1004).** Designed for real estate appraisers who desire to maintain a file of completed appraisals for easy typing and retyping. Program prompts for items required on standard residential appraisal form and verifies them. After entering data, user may then print form or save data to disk for later printing. **McGrew & Associates.**

**The Film Management System.** Film file management system includes four modules: film planning, scheduling, budgeting, and accounting. Designed to provide information at all stages of production, including specially designed reports, for film and television industries. Makes cash flow management easy so work of investors and completion guarantors is easier. Helps use crew time more effectively. Menu-driven. **Heritage Systems (for Remarkable Films Limited).**

**Financial Management Models for the Service Firm.** Has applications for engineering, advertising, architectural, consulting, and accounting firms. Helps plan profits, forecast cash needs, monitor billable time, report project status, estimate fees, plan staff assignments, and invoice clients. Can produce up to 12 reports and 18 pages of output. Templates designed to be easily modified and adapted to the needs of the individual service firm can be overlaid to create interactive systems for applications such as fee estimating and project budgeting. **PRO/PAC.**

**Florist Management System.** An accounts receivable program designed especially for florists. Format of input appears in form normally used by florists, minimizing time required to learn system. Accounting data for each customer includes account aging, month- and year-to-date charges, balance forward, and present balance. Customer information includes tax status, two telephone numbers, credit card number, when to send statement with a balance, and minimum amount owed before sending statement. Keeps track of charges and collections of FTD, Florafax, etc., allowing florist to check monthly statements. A/R package can be integrated into a full general ledger with accounts payable, payroll, and other accounting modules. **CompuMed.**

# SOFTWARE

## Vertical Market Applications

### Other Vertical Market Applications

**Golf Handicap System.** User can compute golfers' handicaps, using USGA or average handicap method. Allows input of variable data, including handicap method, course rating for men and women, and percent handicap. Includes rapid data entry, up to 500 golfers/diskette, and printed alphabetical list of golfers and handicaps, individual handicap cards, log book for recording scores, and golfer master list with scores used for computing handicaps. **Bowling Computer Systems.**

**Gusher.** Oil and gas accounting package includes joint-interest billing, revenue distribution, and operating accounts payable. Reports include well payout, authorization for expenditure, balances of revenue and working-interest owners, and 1099. Tracks leasing packages containing one or more wells. Fifty-three of 60 expense categories predefined, but can be customized by user. **High Technology Software Products.**

**The League Secretary.** Simplifies bowling league record-keeping duties. Allows for an unlimited number of leagues; any number of substitutes; automatically created lane assignments; two-, three-, and four- game series; up to nine bowlers per team; and much more. Reports include league standing, recap, weekly team and individual records, and final average sent to association secretaries. **Bowling Computer Systems.**

**LTL Costing Software.** Allows motor carriers to develop a shipment profit/loss statement for a selected shipment. **RCCC Software Orders.**

**PMS (Prospect Management System).** Allows users to automate and manage seminar attendance, direct-mail lists, and telephone-prospecting details. Interfaces with commercially available names and addresses through National Business Lists. Useful for any business that does extensive telephone-prospecting, direct-mail, or seminar selling (i.e., insurance agencies, brokers, and computer retail stores). Requires Profile and Hayes modem (if telephone prospecting, auto-dial feature is used). **First Byte.**

**Real Estate Appraisers.** Maintains a file of completed appraisals for easy typing and retyping. Prompts for items required on standard residential appraisal form and verifies them. User may print form and/or save data to disk. Designed for use with 12-pitch typewriter forms (package of forms and ordering information included). Requires any Diablo 1610-compatible printer (e.g., Apple DMP or Imagewriter). **McGrew & Associates.**

**Sunspot Broadcast System (SBS).** Interactive radio broadcasting series designed for recording, processing, and reporting daily business activities of a radio station. Information processed in one department is passed to or accessed by other appropriate departments. Capabilities include ordering, traffic, billing A/R, general ledger, MIS, and station information. **Sunspot.**

**Surveyor's Aide.** Extensive surveying program for civil engineers includes 13 sub-routines commonly used in surveying, with plotting capability. **Harrisonburg Computer Services.**

**Where the Jobs Are 1984.** Contains extensive information from 200 companies seeking new college graduate hires. Information reflects corporate hiring goals representing 35,000 job openings this year; candidates from the major disciplines are sought by both public and private sectors. Especially useful for job placement counselors. **TSC/A Houghton Mifflin Company.**

# SOFTWARE

## Other Software Applications

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### Communi- cations

**Apple Access ///.** Program provides you with Digital VT100® and VT52® terminal emulation. Transforms Apple /// into a conversational terminal that can communicate with a variety of computers and timesharing systems. By connecting a modem to Apple ///, it allows communication at 110, 300, 1,200, 2,400, 4,800, or 9,600 baud. Includes recording to disk and file transmission. Apple ///'s local processing power gives user added advantage of being able to download data from remote systems and work with it off-line, significantly cutting timesharing charges and computer costs. **Apple Computer.**

**Apple Access 3270.** Versatile and user-friendly package that allows your Apple / // to access any computer that supports IBM® 3270 communications. Works exclusively with an Apple 3270 Cluster Controller that rounds out a complete, interactive communications solution. Emulates operation of an IBM 3270 keyboard and also gives you reconfiguration options. Can transfer text files to and from a host computer. Supports comprehensive command file capability which provides for auto-dial and auto-log-on capabilities. Provides customized 3270 help screens, ability to filter control to and from host, and quick reference keyboard templates. Requires phone jack, Apple 3270 Cluster Controller Emulator, and an applications interface program on host computer. **Apple Computer.**

**Communication Services.** See **Help** section.

**Communications Hardware.** See **Hardware** section.

**Corvus Network Driver.** Driver of Corvus Network System made for Apple /// and Apple /// Plus. Now a true network system with Corvus system for Apple /// with Corvus network. Not limited to a Pascal operating system, as with Corvus driver. **B/T Computing.**

**DataLink.** Features a transmit/receive speed of 4,800 baud computer-to-computer or 1,200 baud over phone lines, plus one-keystroke session control. Concurrent sending to screen, printer, and disk with complete error checking. **Link Systems.**

**Easyterm ///.** Terminal program that gives user ability to send an ASCII file from disk, as well as to receive a file from almost any computer through a modem. Uploading and downloading are as easy as CONTROL-UP-ARROW and CONTROL-DOWN-ARROW. Supports direct terminal mode with speeds of up to 9,600 baud. **Sun Data.**

**E-COMM CALL.** Allows you to use E-Comm, the electronic mailing service of the U.S. Postal Service, to send mass mailings. Used for billings and promotions, it makes large mailing lists easy to send at a reasonable cost. Used in conjunction with Access ///, it reformats any ASCII file to be accepted by E-COMM. Profile compatible. **NCCS Software.**

**Fast Transfer.** Allows Great Plains Accounting Series to extract information from accounting data and load data directly to VisiCalc®. **Solutions.**

**Infonet.** Electronic bulletin board system that allows user to set up and maintain accounts with different priority levels for mail or general reading. Customers can phone in to read what's new. Sales people can move files from home to work or vice versa. Same system could work for customer's business, user groups, or OEMs. Comes with utilities and file maintenance programs; requires Profile. **Sun Data.**

# SOFTWARE

## Other Software Applications

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### Communi- cations

**LEXIS.** Provides sources necessary for legal research. Searches full text of federal cases, or the case law of 50 states and the District of Columbia, in seconds. Performs citation searches in Shepard's®, Auto-Cite®, or LEXIS. Access the *Federal Register*, *Encyclopedia Britannica*, selected publications from Matthew Bender, and NEXIS, a news and business information service. **Mead Data Central.**

**MC/3270.** Designed specifically for a small cluster of personal computers and ASCII display terminals. Provides 100% emulation of an IBM 3270-type display station and offers an inexpensive solution for both direct and remote. Permits up to 3 VT100 TM or other ANSI-compatible asynchronous terminals or personal computers to communicate with bisynchronous networks concurrently. Devices are made to emulate 3278 Model 2 terminals; the host interface is equivalent to a 3274 Model 1C, 3274 Model 51C, or 3271 control unit. All required error-checking functions and translations from ASCII to and from EBCDIC are performed, and all 3270 display functions are supported. Screen formatting, polling responses, data link control, and time-out control are supported as well. Three-port configuration includes a Bell-compatible 212A or 103 modem which can be remotely accessed to provide 3270 emulation, or alternatively, can be utilized as an intelligent auto dial/auto answer modem. Can be used to access IBM bisynchronous networks or asynchronous communication networks. **MicroCom.**

**MICRO/Terminal.** Turns the Apple /// into an intelligent terminal and includes macros, file transfer, protocol selection, and built-in editor. Lets user access and exchange information with mainframe and minicomputers, with data bases like The Source®, Dow Jones News/Retrieval®, and CompuServe®, and with other remote terminals or personal computers. **MicroCom.**

**Rapid Transfer.** Allows for transfer of data from the Hard Disk Accounting Series for small businesses (see Accounting) directly to VisiCalc®. **Great Plains Software.**

**Rem Comm ///.** Terminal program that supports asynchronous communications using RS232 driver. Features auto dialing of smart modems using telephone and hardware configuration directories. Provides full hand-shaking macro capability, allowing complete terminal sessions to be conducted with one keystroke. **Fact Finder Software (Division of NARU Enterprises).**

**SWI Apple /// Communication System.** Allows Apple /// to act like a Burroughs TD830 intelligent terminal. Communicates with Burroughs mainframe using standard "poll-select" and "point-to-point" protocols. Supports asynchronous-switched (dial-up) communications compatible with a Bell 202 modem, and synchronous communications. Most Burroughs functions provided, including status line and multiple pages. D.C. Spooler permits file transfer between mainframe and Apple ///. **Core Technology Corporation.**

**Telephone Access Program (TAP).** Uses less than 15 commands to allow your Apple /// to act as a host computer. Used for collecting data and allowing others to access files on your Apple /// or Apple /// Plus. **Sun Data.**

**TerminAll.** Data communications package that simulates many popular computer terminals. Set to simulate a given terminal (e.g., VT 100tm), then use Apple /// as if you had that terminal. Understands and simulates cursor control codes, function keys, and other commonly used features. User can send and receive data to and from disk drive or printer, can define macros—up to 26 sequences of characters, and press sequence key to transmit. **Foxware Products.**

# SOFTWARE

## Other Software Applications

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### Education

**Apple // Education Software.** Most Apple // and // Plus education packages with a maximum of 48K will run on Apple /// or Apple /// Plus using Apple // emulation mode. Use your Apple /// for business or as an instructional tool at home for children. **Independent Software Developers.**

**The Art of Negotiating Computer Preparation Program.** First interactive negotiating software. Trains you in top negotiating skills. For each negotiation, program asks relevant questions and offers suggestions to clarify your approach. Records and prints out your analysis for easy review. Use it to prepare for any negotiation. **Experience in Software.**

**Cdex Training for the BPI Accounting Program.** Covers key structure data entry techniques, such as posting to general ledger and generating reports, financial statements, and end of the month status. Teaches you basic skills in a few hours, allowing you to become more sophisticated later on. **Cdex.**

**Guidance Information System.** Makes available a large body of occupational, academic, and financial information to help people make life decisions. By typing a simple set of instructions, user can immediately zero in on information that fits needs and interests. Compares results of choices made with results of other decisions. Over 4,000 installations nationwide. Profile required. Annual license. Quantity discounts available for multiple installations. **TSC/A Houghton Mifflin Company.**

**How to Operate the Apple /// or /// Plus.** Audio tutorial on 4 cassettes designed for first-time user; teaches computer set-up, keyboard layout, and system utilities. Also teaches driver installation for peripherals and includes an operator's guide and demonstration diskette and files. Shows how to run Apple /// programs. **FlipTrack Learning Systems.**

**How to Operate Your Computer Under CP/M.** Instruction on operating CP/M on any computer that has CP/M capabilities, including Apple /// Plus with SoftCard ///. Teaches most common CP/M commands for file handling, editing, and using batch processing to run application programs. Includes operator's guide and appendix on computer-specific variations. **FlipTrack Learning Systems.**

**How to Use MultiPlan.** Enables you to learn commands to build a cash flow model, answer "What if?" questions about model, and enter and change data. Includes user's guide; comes on four audio cassettes. **FlipTrack Learning Systems.**

**How to Use VisiCalc®.** Teaches you to use VisiCalc® commands to build cash flow model from scratch, answer "What if?" questions, and enter labels, values, and formulas. Also shows how to replicate and choose net present value. Includes user's guide. **FlipTrack Learning Systems.**

**Pathways.** Available in two forms: full developmental system and run-only system. Developmental system allows you to create linked screens of information by both creator's choice and student's response. At end of program, a printed form will show pathways of going through the software. Run-only system is student system. Requires 128K and a second floppy or hard disk. **Maycroft.**

**PFS:SCHOOL ADMINISTRATORS.** Tailors power and flexibility of PFS:FILE and PFS:REPORT to administrators of a medium-size educational institution. Consists of four ready-to-use forms and over 30 standard reports for student record management, budget, and registration control. Includes management of equipment, rooms, and event scheduling. **Software Publishing.**

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## Other Software Applications

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### Education

**The Tamarac School System.** School administrative package with three integrated modules that can be purchased and used separately: 1) Student Records and Attendance, 2) Grade Reporting, and 3) Scheduling. Built around an integrated relational data base with a report generator. Integrates with Word Juggler® for form letters. Uses an optical scanner for data input. Requires a hard disk. **Tamarac Systems.**

### Entertainment

**Apple // Games.** Use your Apple /// as an entertainment machine. Most Apple / / and // Plus games with a maximum of 48K will run on Apple /// using Apple // emulation mode. For a joystick which works with emulation software, see **Hardware** section. **Independent Software Developers.**

**Cap'n Magneto.** Fast-moving, interactive, animated fantasy adventure game, exclusively for the Apple /// and Apple /// Plus. User can actually see adventure animated as a result of decisions and actions. Compatible with Profile and Catalyst®. **PowerTools.**

**Cannibal Island.** A text adventure game on an island in the middle of the ocean. You must try to escape by boat but watch out, you may get eaten. May be obtained by sending a diskette in a self-addressed, **stamped** envelope. **Dan Kunesh.**

**Pick That Tune.** Allows you to test your recognition of 100 famous tunes which are divided into Pops, Country, Children, and TV tune categories. Three additional tune diskettes are currently available, each containing 100 more famous tunes. All together, there are 400 tunes available. Up to ten players. **Swearingen Software.**

### Languages

**Apple /// COBOL.** Certified by the GSA's Federal Compiler Testing Center at High-Intermediate Level, a higher level than many COBOL systems available for minicomputers. Takes advantage of large memory, advanced I/O, and other capabilities of SOS. Features Animator, a powerful, screen-oriented, source-level debugger; provides an "animated" view of actual program execution and allows programmer to run one statement at a time or continuously while watching its execution. Program can be stopped and value of any data item checked and changed before continuing, allowing programmers to debug an application, and making Apple /// COBOL a good teaching system because students can see their code executed. Features FORMS-2, a source-code generator allowing programmer to begin with a blank screen and end with an operational program. FORMS-2 interactively creates data entry screens and generates COBOL source for use in a program. **Apple Computer.**

**Business BASIC.** Implements popular Business BASIC language found on many minicomputers. Includes easy-to-use graphics and program structures. **Apple Computer.**

**Fortran ///.** Complies with the 77 fortran standards and conforms to IEEE numerics. Runs as an application program with Pascal 1.1. Available only to software developers by contacting Apple. **Apple Computer.**

# SOFTWARE

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## Other Software Applications

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### Languages

**Pascal ///.** General-purpose, high-level language, first to implement IEEE floating point standard. Offers a compiled language enabling programs to execute quickly in minimal space. Variety of data types, control functions, and powerful utility routines can improve a programmer's productivity on large products. Provides programmer with a high level of portability because it's based on UCSD Pascal® standard. Access large existing libraries of Pascal programs and run Apple /// Pascal programs with minimum conversion on most systems offering Pascal. Compatible with routines written in Apple // Pascal, so programs can be ported without being redeveloped. **Apple Computer.**

### Manufacturing

**Computer Aided Manufacturing System.** Designed to calculate cost-effective technology for machining, job shops, and manufacturing. Program includes calculations and graphics for layout and tool design. **Tipnis Associates.**

**Cost Effective Shape Technology (C.E.S.T.).** Used by manufacturers to find a shape angle of approach for manufacturing. **Tipnis Associates.**

**JOB COSTS-Labor/Material-VersaForm Application Template.** Runs with VersaForm to track labor and material costs to the appropriate job. Predesigned management reports show total labor costs for each job, and total material and equipment costs for each job and activity. Suggestions for customizing the system are included to meet specific office needs. **Applied Software Technology.**

### Utilities

**Aid System ///.** Assembly-language development system generates Apple // DOS 3.3 disk files. Uses larger memory and speed to decrease development time for Apple // DOS programs. **Insoft.**

**Apple-CON(verter).** Converts AppleSoft programs to Business BASIC. **International Apple Core.**

**Attach.Driver.** Allows user to dump a screenful of text from any program to any printer, at any time, with a single keystroke and no additional hardware. User can also toggle dot-matrix printer between normal and condensed print with another keystroke. User can print out help screens, menus, VisiCalc® frames, etc. Also useful to programmers. **Soft-Life.**

**Backup ///.** Backup utility for Profile can back up either entire hard disk or only those files modified since previous backup. Provided free of charge with Profile. **Apple Computer.**

**BASIC Compare.** Compares two Apple /// Business BASIC programs and shows the differences between them. For use by software developers. **International Apple Core.**

**BASIC Extension.** High-speed disk routines (ten times faster than BASIC) permit up to 30% disk space savings. Allows access to any block on a disk and permits user to change any file type. User can manipulate arrays, insert or delete elements, move sections of arrays, search arrays, create or edit character sets, and view or edit any block on a disk. **Foxware Products.**

# SOFTWARE

## Other Software Applications

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### Utilities

**Blokaccess.** "Disk zapper" that can be used to examine and change data on any SOS-blocked volume (such as floppy disks, Profile). Can be used to alter directory of a disk that suddenly gives a "Volume not found" error so data files can be recovered. Self-documenting; reads, writes, and edits data directly onto a disk one block at a time. Requires Pascal. Documentation on disk. Includes source code. **PowerTools.**

**CALENDAR-PAK ///.** Your calendar is always one keystroke away, no matter what program you're running. Includes Desktop Scratch Pad and Calculator, appointment files, reminder, and clock. **TAASCOM.**

**Catalyst.** Program selector that eliminates need to swap disks when changing applications by permitting user to boot from Profile hard disk system. Switching from one application to another requires only one keystroke. Combined with Discourse spooler, provides performance improvement in printing and booting disks. **Quark.**

**Character Set Editor.** Highly interactive, self-documenting system allows user to create, modify, and mix Apple /// system character sets using keyboard or joystick. Character fonts produced can be saved on a disk or installed in system from within program. Uses keyboard with joystick to create new character sets. Requires Pascal; documentation on disk. **PowerTools.**

**Copy ///.** A one-pass disk copy routine with extensive error checking. Entire disk is read into RAM and one to four copies can be batch copied (using three external drives). **Digital Microwave.**

**CP/M-SOS Converter.** Ready-to-run program that converts CP/M disks to SOS using your Apple drives. Disk contains program source code and character filters and doesn't require SoftCard®. **International Apple Core.**

**CP/M—SOS.TEXTMOVER.** Converts CP/M text files on Apple /// disks to SOS text files. Self-running, with built-in documentation. SoftCard® not required. **International Apple Core.**

**CustomFont.** Allows word processing, spreadsheets, and user programs to be enhanced with custom characters, special symbols, business logos, and fonts created by CustomFont. **Swenson Associates.**

**Data Saver.** Allows you to save files from Profile that are too large to fit on one diskette. Files can also be transferred from multiple diskettes to Profile. **Software Publishing.**

**DIF Sort Utility.** Sorts a VisiCalc® DIF file by rows or columns and sorts worksheet in ascending or descending order. Menu-driven; includes sample files and SOS-commands submenu to help user manage disk space, file names, and subdirectories. Requires Business BASIC. **McGrew & Associates.**

**Discourse.** Queues documents to a printer, taking advantage of Apple ///'s interrupt capability through SOS, and allows user to continue processing any file on Apple ///. **Quark.**

**Disk Rescue.** Protects data from hardware, software, and power failures. Examines disk for damage and attempts to re-create disk's table of contents. Protects user from inadvertently "scribbling" on top of previous information. **First Byte.**

# SOFTWARE

## Other Software Applications

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### Utilities

**DJ.** A VisiCalc® Utility. Solutions. See **Spreadsheets, Statistics, and Analyses.**

**DOS to SOS Converter.** Converts Apple DOS files to SOS format. **International Apple Core.**

**Fast Transfer.** Allows user of Great Plains Accounting Series (GPAS) to extract information from accounting data base and load data directly to VisiCalc® or MultiPlan® spreadsheets. Requires a hard disk; tutorial included. **Solutions.**

**File Cabinet ///.** Simple data management system. **International Apple Core.**

**Font Generator ///.** User-oriented program designed to incorporate many of Apple ///'s powerful built-in features to help in designing character fonts. You can test how your font would look before it is saved, and also check out how it would look in different text modes, even with different foreground and background colors. As many as ten character fonts may be loaded at a time. Can also copy characters from one font to another. **Apollo Software.**

**Fontwriter.** Character set editor creates characters for up to 14 x 16 pixels. Allows user to create any symbol necessary. Numeric keypad is programmed as an eight-direction cursor movement pad to move through a matrix. Each pixel can be individually turned on or off to create symbols for almost anything. Character sets can be saved and loaded as SOS character sets for most programs running under SOS. A keyboard layout program is included to reassign key values. **Sun Data.**

**Form Maker.** Free-style form generator for Apple /// Pascal. Allows interactive creation of form on screen without having to deal with x, y coordinates, field lengths, etc. Once a form has been designed, it may provide user-friendly input and field editing. Provides consistent interface between programs for easier use. **Micronetics.**

**Lazurus ///.** Restores deleted files; in most cases, you can undelete files you accidentally deleted. In about 45 seconds, most files will be restored to Profile or floppy disk drive. **On Three.**

**LinkIndex.** Provides Pascal B-Tree indexing, improving power and response time of applications while simplifying program implementation. Data files can be "keyed" on one or more fields, allowing retrieval of one record from 25,000 in less than a second. B-Tree indexing method maintains sorted order and supports duplicate keys. Index file automatically grows as number of keys expands. Keys and associated data records are inserted, deleted, and searched with 5 simple functions. **Link Systems.**

**LinkVideo.** In source and P-code, this program provides terminal independence, input data filtering, and crash proofing. Simplifies standardization of screen layouts, ensures consistency of field handling from program to program, and reduces screen I/O programming by 90%. Greatly reduces amount of time required in coding effort. **Link Systems.**

**Pascal Interface.** VersaForm® utility that facilitates communication links between VersaForm and customized modules. **Applied Software Technology.**

# SOFTWARE

## Other Software Applications

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### Utilities

**Pascal Utility Library.** General utility procedures for Pascal programmer that speed program development by eliminating time-consuming writing, testing, and debugging of commonly used procedures. Offers experienced programmer a set of solutions to problems frequently encountered in user input validation, disk file handling, report generation, and screen display. **Apple Computer.**

**Printer Driver ///.** Uses SOS.DRIVER file on boot diskette to print files through a parallel interface designed for Apple ///. Allows use of buffered boards, graphic dump boards (for the emulation mode), or any parallel card. Any parallel printer that can be interfaced to an Apple // can be interfaced the same way to an Apple /// using Alpine Printer Driver. **Sun Data.**

**Pscreen.** Can be added to other software to provide an Apple /// screen dump to an Epson printer with graphics capabilities. Simple parameters allow print control of graphics or text in normal, inverted, or even inverse modes. Comes with an easy-to-use demo program written in Business BASIC. **Sun Data.**

**Programmer's Power Tools ///.** Collection of machine language programs, transferable to any diskette when loaded into memory, that adds 16 new commands to Business BASIC. Provides advanced sorting and searching routines, special handling of user inputs, upper-case conversion, control of reset key, and disk formatting from within a program. Requires Business BASIC. **C E Software.**

**RIMS-MPG.** Complete application program-generating system that can be used to quickly and easily create ready-to-use, business-oriented application systems and COBOL source code for those programs. Can be readily superimposed over any existing COBOL data file. Survey indicated that average decrease in development time and cost is 92%. **Information and Systems Research.**

**REPORT.** A VisiCalc® Utility. Solutions. See **Spreadsheets, Statistics, and Analyses.**

**RPS ///.** Provides file management services for programs handling large quantities of data. Multikey file access method allows files to be readily interchanged among programs built on RPS. Saves software development time and provides compatibility with different applications and their data files since data is not locked up in any one program. Based on Pascal. **Apple Computer.**

**Scientific Desk—Linear Algebra Suite.** Includes Linear Algebra and Matrix—Vector Arithmetic Problem Solving Environments (Pascal Language). A programming and scientific problem solving tool for users of computers for scientific purposes. **C. Abaci.**

**Script ///.** Apple Computer. See “**Word Processing and Spelling Checkers.**”

**Soft Spoken.** A “text-to-speech” voice synthesis program. Software driven, no hardware required to produce speech. Uses for this program are documentation, training, education, on-line help, and sales tool for retail dealers. **First Byte.**

**SORT.** A VisiCalc® Utility. Solutions. See **Spreadsheets, Statistics, and Analyses.**

# SOFTWARE

## Other Software Applications

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### Utilities

**SOSCOMM.** Each programming tool is implemented as Pascal intrinsic library unit. SOS-DIRECTORY allows a program to display a directory of any or all levels of any blocked volume. SOS-ENVIRONMENT allows a Pascal program to determine specifics of its runtime environment—which types and sub-types of devices, names, volume names, capacities, and free space for blocked volumes. Includes demonstration program. **PowerTools.**

**SOStran.** Transfers files between Apple II and Apple /// formats. Allows user to transfer Pascal text files or SOS ASCII files to DOS text files, or to move fonts from Apple II Pascal, PILOT, or DOS Tool Kit to a SOS font file. Converts Applesoft and Integer BASIC files to Pascal or Business BASIC text files. **Sun Data.**

**Spooler ///p.** Device driver adds background printing capability to eliminate tying up system during low-speed printing process. Uses Apple /// resources to buffer and transfer printer output while continuing program execution. Replaces .Printer driver when used with the UPIC and supports any applications environment supported by SOS. **Advanced MicroSystems.**

**Tabman.** Table management system designed to facilitate use of tables in Pascal applications. Features table arguments from one to eight characters; function values of types, including string, integer, and real; multiple-table data bases; and user-defined input. **Kinetic Systems.**

**ThinkTank.** Collapse your outline to see the entire document, or expand any part to reveal hidden details. Move your ideas around, add to, change, erase, and reorganize them. Will search for key words or phrases. Built-in text editor provides most capabilities of a word processor, including a print formatter. **Living Videotext.**

**The Program Generator (TPG).** Menu-driven Pascal source code generator. Can open files simultaneously with 17 screens. P-code is transportable. **Pascal Systems.**

**Tools Times Three—Software Tools for the Apple /// and Apple /// Plus.** Includes 12 tools which may be purchased separately or as a package: THE RETRIEVER, POWER CAT ///, POWER PAINT ///, BASIC-XT, BASIC-UTILS, PWER BOOT ///, SOURCE-WINDOW ///, DATA-WINDOW ///, DISK-WINDOW ///, POWER KEYS ///, SNAPSHOT ///, POWER DISK ///. **D.A. DATA SYSTEMS.**

**Transforth ///.** This version of FORTH for the Apple /// includes six different text and graphic modes, turtle graphics commands, easily formatted text windows, four different character sets, and software control of the microprocessor speed. **Insoft.**

# HARDWARE

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## Communi- cations

**Apple Cluster Controller.** Enables you to connect to an IBM mainframe network. Available in two versions: 1) Systems Network Architecture/Synchronous Data Link Control version which emulates IBM 3274/3276 control unit display station; and 2) Binary Synchronous Communications version which emulates IBM 3271 Cluster Controller. Promotes smooth and sophisticated communications. Increases your data processing efficiency and reduces timesharing costs. **Apple Computer.**

**AppleLine.** Connects your Apple /// to an IBM 3274 or 3276 Cluster Controller (using a coax cable) and emulates an IBM 3278 terminal. Supports one Apple /// and has two ports— one RS-232 and one coax cable port. Not to be confused with Apple Cluster Controller, which replaces IBM Cluster Controller (see above). **Apple Computer.**

**Apple Modem 1200.** Provides advanced communications capabilities and rapid data transmission, at 120 characters per second (1200 baud). Auto-dialing and auto-answering capabilities. **Apple Computer.**

**Apple Modem 300.** Identical to Apple Modem 1200, except that transmission speed is 30 characters per second (300 baud). **Apple Computer.**

**ESP COMM CARD ///.** Incorporates IBM 2780/3780, IBM 3270 (BSC), and RS-232 C communications, enabling Apple /// to communicate with virtually any mainframe, minicomputer, other microcomputers, or local networks. Contains its own Z-80 microprocessor, I/O control, EPROM, and RAM, and independently operates Apple's 6502 processor. Controls communications protocol and Apple // / data transfers. **Elcom Systems Peripherals.**

**Omninet.** Provides a network system that allows up to 63 Apple ///s to share 5 to 64 megabytes of hard disk storage. **Corvus Systems.**

**3270 BISYNC.** Using interactive screens, transfers data between Apple /// and an IBM mainframe at high speed. Includes error verification. **Viking Associates.**

**3780 BISYNC.** Transfers data between Apple /// and an IBM mainframe in a batch mode at high speed. Includes error verification. **Viking Associates.**

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## Interface Cards

**/// Plus //.** Multi-function card provides Apple // compatibility for 64K Apple // or Apple // Plus programs, including Logo, Pascal, Pilot, ProDOS, and games, plus the following enhanced functions for the Apple ///: MEMORY EXPANSION—Apple language card, 16K (expandable to 512K), software compatible with Legend Industries or Titan products, and SOS RAMdisk driver; GAME PORT—fully compatible Apple // game port; OPTIONAL SERIAL PORT (16 baud rate)—compatible with Super Serial Card and provides Slot 1 printer I/O. **Opus Technologies.**

**Apple Juice.** Provides a reserve power supply for the Apple /// that supplies instantaneous power to operate your computer and peripherals during power brown and black-outs. Will power the Apple /// for 1 hour 15 minutes. **High Technology.**

# HARDWARE

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## Interface Cards

**Apple /// Game I/O.** Allows the Apple /// to control any Apple // program that uses Apple // paddles or joystick. Features include easy installation, Apple // Game I/O Connector and full two player capability. **Swafford Engineering.**

**Apple /// OEM Prototyping Card.** Modular printed circuit card for building custom interfaces. Accommodates most integrated circuits and components, and has built-in facilities for attaching connectors and switches to circuits and include decoupling networks and shield. Double-sided card has plated holes for positive connections. Fifty-pin, gold-plated edge connector plugs into unused expansion slot, giving access to all signals on the bus. **Apple Computer.**

**APPLI-CARD WITH WORDSTAR.** Combines a powerful 6 MHz Z-80 processor with CP/M and the industry-standard WordStar word processing package. Includes 64K on-board memory, optional counter timer chip, and 2K EPROM expandable up to 8K. Allows Apple /// owners to run thousands of CP/M programs. **PCPI.**

**Bufferboard.** Provides a printing buffer which is expandable to 64K of storage. This data is then fed to the printer at its own rate. User may work during printing, thus increasing efficiency. **Orange Micro.**

**Buffered Grappler +.** Combines all intelligent text and graphic features of Grappler + with buffering capabilities of Bufferboard. Expandable to 64K; includes an on-board dip switch for printer selection. **Orange Micro.**

**Game Port ///.** Allows your Apple /// to use the Apple // joysticks in Apple // emulation mode. Runs most Apple // games and the Koala pad. **Micro Sci.**

**Grappler +.** Combines 14 text commands with intelligent graphics features. Text and graphic screen dumps can be accomplished by simple control commands. Other features include 90 degree rotation, double-size and inverse graphic screen dumps, and exclusive Dual-Hi-Res graphics. Features an on-board dip switch, making it compatible with most popular dot-matrix printers. **Orange Micro.**

**Nestar Plan 2000, 3000, 4000.** Provide various local area networking systems for the Apple ///. **Nestar.**

**Orange Printer Interface.** Provides 14 text screen dump and text formatting capabilities priced competitively with many "dumb" interfaces on the market today. Simple control commands provide such features as setting margins, automatic skip-over-perforation, word wrap, and variable line length. Compatible with most dot-matrix and letter-quality printers. **Orange Micro.**

**PKASO/U Universal Parallel Printer Interface.** Full text and graphics output system to connect the Apple /// to any dot-matrix printer with a standard "Centronics" parallel connector, black-and-white or color. Operates as Apple // Plus PKASO/U Card in emulation mode, and as SOS device in native mode. Prints using Apple ///'s screen character font. **Interactive Structures.**

# HARDWARE

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## Interface Cards

**S-Card.** RAM disk card upgradable from 64K to 1 megabyte by adding RAM chip. Used with Apple SOS driver for emulation of the Apple /// to 256K. **Legend Industries.**

**Serial Card ///.** Gives your Apple /// an additional RS-232C port, allowing you to connect a modem, printer, plotter, or other accessory that requires a serial interface. Features an on-board switch that lets it operate as either a printer or modem port. **Apple Computer.**

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## Mass Storage Devices

**16 Megabyte/10 Megabyte Hard Disk Subsystem.** Is available in either a 10 or 16 megabyte formatted fixed Winchester Hard Disk Subsystem. Comes with a two-year warranty. **X-Comp.**

**A3, A73, and A143 Disk Drives.** Offer various storage alternatives for the Apple ///: A3 disk drive is a replacement for Disk /// drives, and A73 and A143 disk drives are supplied with a driver that can be added to SOS driver file. At 572K bytes, A143 makes a viable backup device for Profile. At 286K bytes, A73 disk drive gives you more capacity than a Disk /// drive and reduces number of floppy disks required for hard disk backup. **Micro-Sci.**

**Amdisk-3 Micro-Floppydisk Drive.** 3" micro-floppy disk drive and cartridge providing 1 megabyte of unformatted storage. Track-to-track compatible with 5 1/4" floppy disk drives. Built-in power supply and hard plastic, protective floppy disk cartridge. **Amdek.**

**Apple Disk ///.** Enables you to expand your Apple /// by providing high-capacity, cost-effective data storage, up to 140K of information. Maximizes your system's flexibility. **Apple Computer.**

**Davong Universal Winchester Hard Disk System.** Single drive systems are available in 5, 10, 15, 21, and 32 megabyte (formatted) capacities. Add up to three "slave" drives in any capacity to provide up to 128 megabytes of on-line data storage. **Davong Systems.**

**Davong Streaming Tape Backup for Universal Winchester Hard Disk.** Mass storage device copies data from a Davong Universal Winchester hard disk system or floppy onto 1/4" tape cassettes. Formatted capacity up to 18 megabytes. Backs up 15 megabytes in about four minutes. **Davong.**

**Dynamic Hard Disk System (10, 15, or 20 megabytes).** 5 1/4" Winchester hard disk with a dynamic volume allocation software. Comes in 10, 15, or 20 megabyte systems. **Mountain Computer.**

**Haba Disk.** 3 1/2" disk drive designed for the Apple ///. **Haba Systems.**

**Mini-Mega Series 5 1/4" Fixed/3.9" Removable Subsystems.** Available with 5 1/4" fixed disk capacities of 6, 12, 18, or 38 megabytes (formatted). In addition, a removable 3.9" Winchester cartridge provides 6 megabytes of formatted storage. Ten to twenty times faster than standard floppy disk drives. Transparent operation with most operating systems. **Santa Clara Systems.**

# HARDWARE

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## Mass Storage Devices

**Profile.** Increases Apple /// storage capacity to 5 megabytes. With the Catalyst program selector, you can put software applications and data all on one disk, allowing you to be a keystroke away from any program or file (see Utilities in **Software** section). 5 1/4" Winchester technology hard disk is housed in a compact case. Simplifies data processing and programming. Increases Apple /// efficiency and provides a system for backing up files. **Apple Computer.**

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## Monitors

**Apple Color Monitor.** Provides RGB high resolution, 80 by 24 characters, and plugs directly into the built-in Apple /// video port. Full 16 color display. Motorized screen tilt for optimal viewing. **Apple Computer.**

**Color-II and IIA Monitor.** Provides high resolution 560(H) by 240(V) and RGB video input. Includes 80 by 24 character display capability and has 16 color intensity modulation. **Amdek.**

**Color-III Monitor.** Provides an economical RGB input monitor with 560(H) by 300(V) line resolution. Has 80 by 24 character display capability. A commercial grade CRT. **Amdek.**

**Color-IV Monitor.** Provides a superior 720(H) by 420(V) line resolution with an 80 by 24 character display and an analog RGB input for up to 4,098 computer-controlled colors. **Amdek.**

**Model 300 Monitor.** Green or amber phosphor CRT, composite video input. Has 18 MHz bandwidth and 900 lines (center) resolution. **Amdek.**

**Monitor ///.** Twelve-inch screen produces sharp, clear text and high-resolution graphics on a highly readable green phosphor display with 80 by 24 character display. Equipped with nonchromatic, nonglare screen for reading comfort and a contrast-control knob on the front panel. **Apple Computer.**

**Monitor //.** Twelve-inch, green phosphor display screen with 80 by 24 characters. Screen tilts to any angle, allowing easy viewing. **Apple Computer.**

**TAXAN RGBvision I and II.** Fully compatible with Apple /// without interface modules. RGBvision medium resolution has 380(H) lines and RGBvision II high resolution has 510(H) lines. Unlimited colors through linear amplifier video circuit and 16 colors for Apple ///. Twelve-inch 90 degree deflection CRT display. **TSK Electronics Corporation.**

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## Printers and Plotters

**Apple Color Plotter.** Creates presentation-quality graphics, enabling you to create color graphics in eight colors on paper or overhead transparencies. Features a wide plotting bed, so you have flexibility in selecting your choice of paper or transparencies. **Apple Computer.**

**Apple Daisy Wheel Printer.** Produces documents at 40 characters per second. Prints fully formed, highly readable characters and proportional spacing, improving the appearance of your letters; also generates graphics. A variety of type fonts offered on 130-character print wheels. Other features include variable horizontal and vertical formatting, forms length selection, automatic form feed, and pause. **Apple Computer.**

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## Printers and Plotters

**Apple Graphics Tablet.** Electronic "drawing board" for creating graphics. Develops and displays block diagrams, architectural renderings, logic diagrams, schematics, mechanical shapes, and even art. Create and modify high-resolution drawings; perform calculations while drawing. **Apple Computer.**

**Apple Imagewriter.** Provides quick printouts of text and high-resolution graphics. Text can be printed in seven different character styles and symbols, eight different sizes, and proportional spacing. Create special character fonts; a highly reliable, quiet printer that accepts friction-feed or sprocket paper from 4 1/2" wide and form feeds six different lengths. Available with 9 1/2" or 15"-wide platen. **Apple Computer.**

**HP 7470A Personal Computer Plotter.** High plotting speed with excellent line quality. Has two single-pen stables that output multicolored plots in choice of ten colors. Pens are automatically capped and stored. Plot on paper or directly on transparencies. **Hewlett Packard.**

**Model DXY Plotter.** Economical X-Y coordinate plotter with 10" by 14" plotting range. Has Centronics interface and is ROM expandable. Includes four pens, holders, and chart hold-downs. **Amdek.**

**PrintaColor PG-1000.** Utilizes ink-jet technology to print precision images. Has over 125 shades of colors. Produces 8 1/2 by 11" image in under two minutes. Features 1,440 dots per line, giving crisp definition for detailed graphics. Quiet operation and compact size allow this to be a desk-top printer. Ink is contained in snap-in disposable cartridges. **PrintaColor.**

**Scribe Printer.** Offers all the advantages of thermal-transfer technology, such as low cost and whisper-quiet performance. Works with any standard continuous feed printer paper or single sheet stationery. Produces high-quality text and graphics at a fast-paced 50 characters per second (near letter quality) or 80 characters per second (draft mode). Optional four-color ribbon for full-color graphics. **Apple Computer.**

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## Upgrade Kits

**Clock/Calendar Upgrade Kit.** Tracks when you created, modified, and backed up files. Track month, day, and precise time you last saved or modified a file. Continues to monitor time even when Apple /// is off. **Apple Computer.**

**Interlace Video Upgrade.** Doubles vertical resolution of the Apple ///. Both text and graphics look sharper and clearer. Since this feature requires a long-persistence monochrome green phosphor display (such as Monitor ///), a switch is provided to turn this feature off when using a color or a black-and-white monitor. **Apple Computer.**

**Keyboard Upgrade.** Allows current Apple /// owners to upgrade to an Apple /// Plus keyboard. The new keyboard has a delete key and is compatible with the Apple //e keyboard. **Apple Computer.**

**256K Memory Upgrade Kit.** Increases Apple /// memory from 128K to 256K without losing an expansion slot. Enables you to handle larger text and data files, and use and develop programs requiring large amounts of memory. **Apple Computer.**

# HELP SECTION

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In the previous sections of the Resource Guide you found information on Apple /// software and hardware products. In this section you'll find information on communication services, customer support, publications, and user groups for the Apple /// and Apple /// Plus.

**The HELP SECTION can answer questions such as:**

How can I use my Apple /// to retrieve information from other computer data sources?

(See **Communication Services**)

How can I get answers to technical questions that my dealer can't provide?

(See **Customer Support**)

What books can I read that will tell me more about the Apple /// and Apple /// Plus?

(See **Publications**)

Where can I find people who can tell me how they are using their Apple ///?

(See **User Groups**)

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## Communication Services

The following communication services offer electronic transfer and access of information ranging from stock prices to how to buy photographic equipment. Most of these services may be accessed using an Apple Modem or other Apple ///-compatible modem (see **HARDWARE**) and Access /// or other communications software for the Apple /// (see **SOFTWARE**). To find out more about services that could provide you time-saving information, contact the companies listed below.

**Autonet.** Connects with other data networks or computer hosts. **Automatic Data Processing**, 175 Jackson Plaza, Ann Arbor, MI 48106, (313) 769-6800.

**Businessnet.** Provides an electronic mail service. **Omnet, Inc.**, 70 Tonawanda St., Boston, MA 02124, (617) 265-9230.

**Chase Econometric Services.** Offers many U.S. Government-published statistical data bases such as Dept. of Labor, Economic Cooperation and Development, Annual National Income Accounts, and Main Economic Indicators. **Chase Econometrics**, 150 Monument Rd., Bala Cynwyd, PA 19004, (215) 667-6000.

**CompuServe.** Offers numerous services, including MAUG—Micro Apple Users Group. Other services include business, financial, and travel information, bulletin boards, and electronic mail services. **CompuServe**, 5000 Arlington Centre Blvd., Columbus, OH 43220, (614) 457-8600.

**Delphi.** Provides a wide array of services including business, financial, and travel information, bulletin boards, and electronic mail services. **General Videotex**, 3 Blackstone St., Cambridge, MA 02139.

**Dow Jones News/Retrieval Service.** Scans headlines and calls stories from recent business publications; accesses up to 150,000 additional stories dating from 1979. Offers forecasting from analysts at 45 brokerages. **Dow Jones News/Retrieval**, P.O. Box 300, Princeton, NJ 08540, (800) 257-5114.

**Easylink.** Allows users to send and receive Telex, telegram, cablegram, and mailgram messages. **American International Communications**, 4745 Walnut, Boulder, CO 80301, (303) 444-6675.

# HELP SECTION

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## Communication Services

**Exchange Network.** Buy, sell, exchange, finance, and transfer real estate on a national network, using CompuServe via Tymnet/Telenet networks. **The Exchange Network, Inc.**, 4360 Northlake Blvd., No. 208, Palm Beach Gardens, FL 33410, (305) 622-2346.

**Executive Information Service.** Provides access to several popular business data bases. **Executive Information Service**, One Wiley Dr., Somerset, NJ 08873, (212) 850-6360.

**Huttonline.** Enables clients to access the firm's computers for personal account data, investment information, and electronic mail. **E.F. Hutton and Co.**, One Battery Plaza, New York, NY 10004, (212) 742-3979.

**IEMS (International Electronic Mail Service).** Connects with Telex, TWX, Tymnet, Telenet, or E-Com. **IEMS**, 21686 Stevens Creek Blvd., Cupertino, CA 95014, (408) 446-4367.

**Invest/Net.** Details the latest buys, sells, and option activities of corporate officers and directors. **FCI**, 99 Northwest 183rd St., North Miami, FL 33169, (305)652-1710.

**Marketplace.** Access Calumet Photographer's Catalog for purchase of camera and darkroom equipment. All orders confirmed and processed by electronic mail. **Photonet Computer Corp.**, 250 W. 57th St., New York, NY 10019.

**NAICO-Net.** Transact brokerage business with this company using NAICO-Net. **North American Investment Corp.**, 914 Main St., East Hartford, CT 06108, (203) 528-9021.

**NewsNet.** Specializes in newsletters such as The Business Computer, The Seybold Report on Professional Computing, SMR News, The On-line Computer Telephone Directory, and E-Com News. **NewsNet of Independent Publications, Inc.**, 945 Haverford Rd., Bryn Mawr, PA 19019, (215) 527-8030.

**Official Airlines Guide.** Provides current information on more than 820,000 flight schedules for 650 major carriers and regional airlines. Gives you fare information for over 115,000 city pairs; updated daily, and schedules are revised weekly. **Dow Jones and Co.**, 22 Cortlandt St., New York, NY 10007, (212) 285-5466.

**PRC Loan Express.** Allows home buyers to find a lending institution with the best offer nationwide, rather than shopping in just one region. **Planning Research Corp.**, 7900 Westpark Dr., McLean, VA 22102, (202) 734-3400.

**SiteNet.** Provides site-seeking firms with data necessary for building development. **Conway Data, Inc.**, 1954 Airport Rd. N.E., Atlanta, GA 30341, (404) 458-6026.

**The Source.** Offers a wide array of services including business, financial, and travel information, bulletin boards, and electronic mail. **The Source**, 1616 Anderson Rd., McLean, VA 22102, (703) 734-7500.

# HELP SECTION

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## Customer Support

Below are the phone numbers of our customer technical support centers, available to Apple users. Each support center in the United States is staffed by Apple technical engineers. Their first priority is to answer technical calls from authorized Apple dealers, who are provided with a direct line to the support center. So if you need technical assistance, always ask your dealer first.

**When you call the number in your area, it will be answered by a phone recorder. Leave your name, phone number, and a concise description of your technical question. A support engineer will get back to you as soon as possible.**

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Alaska  
Arizona  
Colorado  
El Paso County, TX  
Idaho  
Montana  
New Mexico

Northern California  
Northern Nevada  
Northwest Nebraska  
Oregon  
Utah  
Washington  
Wyoming

Call: Sunnyvale, California (408) 745-6731

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Hawaii  
Southern California

Southern Nevada

Call: Irvine, California (714) 549-4229

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Indiana  
Kentucky  
Michigan  
Minnesota  
North Dakota  
Northern Illinois

Ohio  
South Dakota  
Western Pennsylvania (412 and 814)  
West Virginia  
Wisconsin

Call: Chicago, Illinois (312) 577-4102

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Arkansas  
Iowa  
Kansas  
Louisiana  
Missouri

Nebraska (except northwest region)  
Oklahoma  
Southern Illinois  
Texas (except El Paso County)

Call: Carrollton, Texas (214) 323-5452

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# HELP SECTION

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## Customer Support

Alabama  
Delaware  
Eastern Pennsylvania  
Florida  
Georgia  
Maryland

Mississippi  
North Carolina  
South Carolina  
Tennessee  
Virginia  
Washington, D.C.

Call: Charlotte, North Carolina (704) 527-6170

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Connecticut  
Maine  
Massachusetts  
New Hampshire

New Jersey  
New York  
Rhode Island  
Vermont

Call: Marlborough, Massachusetts (617) 481-8101

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## Publications

**The Addison-Wesley Book of Apple Computer Software '83.** A guide to more than 500 programs for the Apple, covering education, business, utilities, and entertainment; offers critical program analysis. **Addison-Wesley Publishing Co.**, Business and Professional Division, Dept. O-AC, Reading, MA 01867, (617) 944-3700.

**Guide to Your Apple ///.** Everything you need to know about setting up and using your Apple ///. Includes explanation of SOS and how to make your Apple /// work. **Osborne/McGraw Hill**, 2600 Tenth St., Berkeley, CA 94710, (415) 548-2805.

**ON THREE.** Nontechnical magazine for Apple /// owners and users; has hints on efficient use of the Apple ///. Includes tutorial articles, question and answer columns, and software reviews. **ON THREE**, P.O. Box 3825, Ventura, CA 93006, (805) 644-3514.

**open apple gazette.** Written specifically for end users and edited by Apple /// users. Includes user software comments and reviews, technical tips and other tricks on how to get the most out of your Apple /// (the work horse of the Apple family). **Business Apple Group**, 1850 Union St, San Francisco.

**Sofsearch.** A software location service offering searches of 17,000 files by function, computer type, and industry. **Sofsearch**, P.O. Box 5276, San Antonio, TX 78201, (512) 340-8735.

**Vanloves 1983 Apple //|/// Software Directory.** Covers more than 3,000 programs in 36 user categories, from agriculture to word processing. **PC Telemart/Vanloves**, 8575 West 10010 St., Suite #108, Overland Park, KS 66210.

**Vanloves Business Handbook and Software Directory for Microcomputers.** Business book of software and peripherals. **PC Telemart/Vanloves**, 8575 West 10010 St., Suite #108, Overland Park, KS 66210.

# HELP SECTION

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## User Groups

The following is a list of Apple /// user groups. There are many other user groups for Apple owners, but this list is limited to Apple /// owners alone. The purpose of the group is to bring together Apple /// owners who want to meet and exchange ideas with other creative Apple /// users.

### CALIFORNIA

Business Apple Group  
1850 Union St. # 494  
San Francisco, CA 94123  
(415) 921-3374

Fresno Area Apple /// User Group  
4175 N. Blackstone  
Fresno, CA 93726  
(209) 224-2983

International Apple Core  
980 George St.  
Santa Clara, CA 95050  
(408) 727-7652

Los Angeles-South Bay Apple ///  
Users Group  
c/o Sun Computers  
1848 Pacific Coast Hwy.  
Lomita, CA 90717  
(213) 541-2311

Orange County Apple /// User Group  
22501 Eloise Ave.  
El Toro, CA 92630  
(714) 951-1231

Psychologists on ///  
413 W. Heatherglenn Ln.  
San Dimas, CA 91773  
(818) 963-2890

Sacramento Apple /// User Group  
1433 Elsdon Cir.  
Carmichael, CA 95608  
(916) 482-6660

Silicon Valley /// User Group  
707 Continental Cir.  
Mountain View, CA 94040  
(415) 969-6093

West Covina/Glendora Apple /// User  
Group  
413 W. Heatherglenn Ln.  
San Dimas, CA 91773  
(818) 963-2890

### CONNECTICUT

Southern Connecticut/Westchester  
Apple /// SIG  
5 Raphael Ct.

### FLORIDA

Sarasota Apple /// User Group  
c/o Computer Centre  
909 So. Tamiami Trail  
Nokomis, FL 33555  
(813) 484-0421

### GEORGIA

Atlanta /// Society  
385 Saddle Lake Dr.  
Roswell, GA 30076  
(404) 992-3130

### ILLINOIS

Third Apple Users Group  
P.O. Box 176  
Chicago, IL 60690  
(404) 992-3130

# HELP SECTION

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## User Groups

### **KANSAS**

Kansas City Apple /// User Group  
3800 Cambridge  
Kansas City, KS 66103  
(913) 588-6025

### **MAINE**

Southern Maine Apple Users Group  
Casco St.  
Freeport, ME 04033  
(207) 865-4761

### **MARYLAND**

Apple /// SIG Chairman  
Washington Apple Pi  
8227 Woodmont Ave. #201  
Bethesda, MD 20814  
(314) 654-8060

### **MASSACHUSETTS**

Applesauce  
24 Dickinson St.  
Amherst, MA 01002

### **NORTH DAKOTA**

North Dakota Apple /// User Group  
Harwood, ND 58042  
(701) 282-7907

### **OHIO**

Cincinnati Apple /// User Group  
7960 Shelldale Way  
Cincinnati, OH 45252

### **TEXAS**

Houston Area Apple Users Group  
(Apple /// Division)  
P.O. 610150  
Houston, TX 77063  
(713) 688-3102 or 974-5153

### **VIRGINIA**

Charlottesville Apple /// User Group  
216 Turkey Ridge Rd.  
Charlottesville, VA 22901  
(804) 924-4981

Greater Tidewater Apple /// User  
Group  
Rt. 2, Box 216  
Hayes, VA 23072  
(804) 642-5655 or 898-3500, ext. 2671

### **WASHINGTON**

Seattle Apple /// User Group  
9630 240th Pl. SW  
Edmonds, WA 98020  
206) 546-3019

# INTERNATIONAL SOFTWARE

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## European Software

### FRANCE

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#### Comptabilite

**COMPTA /// INTEGREE.** C'est une comptabilité générale qui s'adresse aux PME-PMI, aux experts comptables, aux cabinets comptables... Sa capacité permet le traitement de 1300 comptes et la mémorisation de 2760 écritures par période sur un maximum de 18 journaux. Elle est interactive avec les progiciels **FACT ///** et **STOCK ///**. **APPLE SEEDRIN.**

**COMPTA ///.** Version réduite de **COMPTA /// INTEGREE** permettant le traitement de 600 comptes et 1500 écritures et ne pouvant pas s'interfacer avec **FACT ///** et **STOCK ///**. **APPLE SEEDRIN.**

**COMPTA1.DPR.** Cette comptabilité générale gère 5000 comptes et 50000 écritures. Elle est plus particulièrement destinée aux non-spécialistes en comptabilité pour la phase saisie (profession libérale, commerçants, dirigeants d'entreprise...). Un module complémentaire **COMPTA2.DPR** permet de relancer les clients pour impayés, d'éditer des balances analytiques et un tableau de bord comptable. **DPR FRANCE.**

**COMPTABILITE.** Ce programme est une comptabilité générale, analytique et de tiers. Il autorise un paramétrage ce qui permet une adaptation aux besoins exacts. Parmi les principales caractéristiques, nous pouvons noter : saisie des écritures et mise à jour des comptes, tenue des comptes généraux et de tiers, production des différents états légaux, ventilation analytique des charges et des produits, production des "à nouveaux" en fin d'exercice. **DELTASOFT.**

**COMPTABILITE GENERALE APPLE ///.** Ce programme permet la tenue de plusieurs comptabilités, sans limitation du nombre de comptes ni de comptabilités auxiliaires. Il possède une comptabilité analytique intégrée. **DELTASOFT.**

**COMPTABILITE GENERALE.** Sa capacités est de 1300 comptes (avec disque dur : 4200 comptes), de 2760 écritures (avec disque dur : 10000 par période) et de 18 journaux. Elle permet d'établir le plan comptable et des journaux. La saisie des écritures est contrôlée, rapide et conversationnelle. L'interrogation des comptes est instantanée. Ce logiciel est interactif avec les progiciels "FACTURATION" et "GESTION DE STOCK" et interfaçable avec Visicalc (comptes exploitations, bilans, ratios). **DIF ELECTRONIC.**

**COMPTABILITE INTEGREE.** Cette comptabilité permet de créer par période 18 journaux de 1200 comptes/2800 écritures sur disquette ou de 4200 comptes/10000 écritures sur disque dur. Elle est interfaçable avec les logiciels **FACTURATION, STOCK** et **VISICALC.** **DIF ELECTRONIC.**

**LA COMPTABILITE SAARI.** Cette comptabilité générale est plus particulièrement destinée aux petites et moyennes entreprises ou industries et aux professions libérales. Elle peut traiter jusqu'à 5000 comptes, 99 journaux et 32000 écritures sur disque dur. **SAARI.**

**HERAKLES.** Comptabilité très performante et hautement conversationnelle. Elle satisfait aux exigences de l'administration fiscale et ne requière qu'un temps d'apprentissage très court. Sa capacité est de 20000 écritures, 5000 comptes, 20 journaux divisionnaires. Elle a été primée à la Pomme d'Or 1983. **AESULAPPLE.**

# INTERNATIONAL SOFTWARE

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## European Software

### FRANCE

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#### Comptabilite

**MACOMPTA.** Le nombre d'écritures permis est de 25000, celui de compte est de 25000. Elle peut gérer jusqu'à 10 sociétés différentes. Le nombre d'éditions est important : journaux généraux, journaux de tiers, journaux analytiques, balance avec totaux par niveau, grand livre général, tiers, analytiques. Elle permet également une analyse comptes et soldes comptes ainsi que la personnalisation du compte d'exploitation générale et du compte de pertes et profits. **MICROGES.**

**M/COMPTA.** 500 comptes et 10 journaux sont possibles sur disquette (non limité sur disque dur). L'accès aux comptes se fait par mnémonique alpha ou numéro de compte. Plusieurs caractéristiques sont intéressantes comme le contrôle d'équilibre avant validation, la correction impossible d'une écriture validée. Elle accepte l'ancien ou le nouveau plan comptable. Nombreuses éditions standards + édition d'états paramétrés. Nécessite la carte MEM/DOS. **IMAGOL.**

**OMEGAS.** Ce progiciel permet la gestion du Plan Comptable : création et saisie des Journaux/Ventilations, reprise des calculs de l'exercice, saisie tous journaux, édition des Journaux Auxiliaires, interrogation des comptes, édition des relances, édition du Grand Livre, regroupement des écritures. Nécessite la carte MEM/DOS. **MICROMEGAS.**

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#### Facturation

**FACT ///.** Ce logiciel est excessivement souple. Il autorise par exemple la création de 10 codes de TVA, tous ces taux étant paramétrables, ce qui permet de mieux suivre les fluctuations économiques. 20 codes de ventilation HT sont possibles. Il est interactif avec COMPTA /// INTEGREE et STOCK ///. **APPLE SEEDRIN.**

**FACTURATION APPLE ///.** Ce programme permet la consultation et l'édition des états suivants : journaux, Grand Livre, Relevés de Comptes Clients/Fournisseurs, Balance, Etats financiers. Il édite les factures, traites, relevés d'identité bancaire, écritures comptables automatiques, avoirs, règlements. Possibilité d'y adjoindre 1 fichier "adresses" et 1 fichier "articles". Interactif avec "COMPTABILITE GENERALE APPLE ///". **DIF ELECTRONIC.**

**FACTURATION POUR APPLE ///.** Ce progiciel permet la mise à jour du portefeuille clients, les cumuls clients et articles de stock ainsi que l'édition des fichiers de suivi, de l'annuaire des clients, des journaux, devis, factures et avoirs. **SAARI.**

**M/FACT.** Ce progiciel est spécialement destiné à la gestion des ventes, des stocks et des comptes clients, avec facturation et de nombreuses possibilités d'édition. Nécessite la carte MEM/DOS. **IMAGOL.**

# INTERNATIONAL SOFTWARE

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## European Software

### FRANCE

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#### Gestion De Fichiers

**LA GESTION DE DOSSIERS SAARI.** Ce logiciel s'adresse aux entreprises de service et aux cabinets de profession libérale qui facturent à leurs clients des prestations de main d'oeuvre, des heures de machine, des fournitures, des matériels ou des services divers. Capacités : sur disque dur 5000 dossiers. Il est interfaçable avec la "COMPTABILITE SAARI". **SAARI.**

**MEMOBASE.** Ce gestionnaire multi-fichiers permet de définir 5 clefs d'accès indépendantes par fichier, des contrôles de saisie, des affectations de valeurs par défaut, des zones calculées et des relations d'un fichier à un autre. Editions intégrées : étiquettes, tableaux triés avec totaux et sous totaux. Il est compatible avec un traitement de texte et un utilitaire graphique. Nécessite la carte MEM/DOS. **IMAGOL.**

**OMNIS.** Cette gestion de base de données Mono ou Multi-postes est très rapide (recherche sur index inférieure à 2 secondes sur 32767 fiches). 50 critères de sélection sont possibles. La mise à jour peut se faire de façon multiple. La définition et les états de sortie sont entièrement libres. Transfert aisé vers VISICALC et APPLE WRITER. **KA L'INFORMATIQUE DOUCE.**

**PFS FILE.** Cette gestion de fichiers est très simple d'emploi. Elle permet de gérer jusqu'à 32000 fiches. L'utilisateur peut définir la présentation de la fiche à sa convenance. **SONOTEC.**

**PFS REPORT.** Ce programme constitue le complément indispensable de PFS FILE. Il vous permet de faire des éditions, des tris, des calculs,... sur les fiches créées par PFS FILE.  
**SONOTEC.**

**QUICK FILE ///.** D'une utilisation évidente, il a été conçu pour vous aider dans le maniement des informations de vos activités. Grâce à lui vous transformez vos notes, états et inventaires en des rapports cohérents et d'accès facile. Il permet l'édition de tableaux, étiquettes, répertoires d'adresses. **APPLE SEEDRIN.**

**VERSAFORM.** Il constitue un système de gestion de base de données performant permettant la gestion des commandes, factures, comptabilité, paie, Personnel, fichiers et dossiers. Une recherche automatique de valeur dans une table lui confère une souplesse importante. Avec le programme INTERFACE PASCAL, tout programmeur peut accéder aux fichiers VERSAFORM, échanger des données avec des fichiers Pascal et créer des applications spécifiques en Pascal. **DELTASOFT.**

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#### Gestion Medicale

**DENTISYS.** Il permet la gestion intégrée d'un cabinet dentaire avec la gestion des recettes et des dépenses. Ce logiciel est multipraticiens et gère le tiers-payant. **O.C.F.D. (Office Central des Fournitures Dentaires)**

# INTERNATIONAL SOFTWARE

## European Software

### FRANCE

#### Gestion Medicale

**LABORATOIRE D'ANALYSES MEDICALES.** Avec ce logiciel, l'automatisation des tâches administratives d'un laboratoire est possible. 80 dossiers peuvent être traités par jour : entrée des clients, saisie des dossiers et des résultats, édition des examens (feuille de soins). **IDEES INFORMATIQUE.**

**MEDIBASE.** Ce logiciel de gestion de dossiers est particulièrement adapté à la publication et l'archivage de dossiers en milieu hospitalier et spécialisé. La structure des dossiers est définissable en fonction des besoins particuliers et peut être étendue à tout moment. Un module de traitement statistique très poussé des dossiers est intégré (analyse de distribution, tableau de contingence, corrélation linéaire,...). **LES ANNEES NOUVELLES.**

**PROGRAMME DE RECHERCHE DES INTERACTIONS MEDICAMENTEUSES.** La recherche et la description des interactions intervenant entre 7 médicaments saisis en entrée du système sont désormais possibles. Il décrit une interaction entre 2 médicaments et visualise tous les renseignements attachés à chaque médicament saisi en entrée. **CMF ELECTRONIC.**

**PROTESYS.** Plus spécialement adapté à la gestion intégrée d'un Laboratoire de Prothèses Dentaires, il permet de gérer de façon plus efficace les ventes (bons de livraison, factures, relevés, stocks) et les achats (fournisseurs, comptabilité). **O.C.F.D.**

#### Gestion De Stocks

**GESTION DE STOCKS.** L'utilisateur définit lui-même ses propres transactions. Ce progiciel est destiné aux PMI/PME et professions libérales et est paramétrable très facilement grâce à l'utilisation d'une base de données. **SAARI.**

**GESTION DE STOCK APPLE ///.** D'une capacité de 1000 articles sur disquette et de 4200 articles avec le disque dur Profile, ce progiciel permet de tenir à jour l'état des stocks, la gestion des commandes Clients/Fournisseurs, l'état des réapprovisionnements. Il est interfaçable avec les progiciels "FACTURATION APPLE ///" et "COMPTABILITE GENERALE APPLE ///". **DIF ELECTRONIC**

**MASTOCK Plus.** Cette gestion de stocks peut concerner jusqu'à 10 sociétés différentes. Elle traite les devis, commandes, livraisons et factures (en temps réel ou en temps différé). Une appréciation du résultat de l'Entreprise et de ses représentants est permise grâce à l'étendue de ses statistiques. Il est interfaçable avec MACOMPTA. **MICROGES**

**STOCK ///.** Ce progiciel de tenue des stocks permet d'une part d'enregistrer les commandes clients, de préparer les réapprovisionnements et d'autre part de contrôler en permanence l'inventaire, d'éditer ou modifier des tarifs. Il est interfaçable avec le progiciel "COMPTA /// INTEGREE". **APPLE SEEDRIN.**

# INTERNATIONAL SOFTWARE

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## European Software

### FRANCE

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#### Payes

**LA PAIE GIPSI.** Ce programme de paie et de gestion du Personnel a été conçu pour les PME et PMI (Petites et Moyennes Entreprises et Industries). Il peut traiter jusqu'à 99 sociétés, sur option. Chaque société dispose de 99 rubriques de paie différentes. GIPSI peut traiter 999 salaires sur chaque disque dur. **SAARI.**

**M/PAYE.** Il permet la gestion du personnel d'une entreprise, de 3 catégories d'employés, des rémunérations horaires, mensuels avec 2 taux d'heures supplémentaires, des congés payés et des absences, des primes, frais de déplacements, emprunts... **IMAGOL.**

**MAPAYE ///.** Elle gère la paie et la gestion du personnel de 10 sociétés différentes ayant chacune 1000 salariés. 800 rubriques de paie différentes par leur calcul peuvent être construites. De nombreuses éditions sont possibles : bulletins de paye, état virements bancaires, journaux de paie, cumuls, charges salariales, le DAS 1, état des 1200 heures. **MICROGES.**

**PAYE IDEES INFORMATIQUE.** Ce programme de Paye est prévu pour 80 à 500 salariés. Il permet de gérer le fichiers salariés, les charges, le guide de paye, le journal de paye, les charges patronales, les virements, l'imprimé DAS, les accomptes. Nécessite la carte MEM/DOS. **IDEES INFORMATIQUE.**

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#### Systeme D'aide A La Decision

**DESKTOP PLAN ///.** Ce logiciel vous permet de faire une analyse financière en construisant différents modèles financiers. Il inclut des possibilités de rapports variés ainsi que des capacités graphiques. **APPLE SEEDRIN**

**MULTIPLAN ///.** Toutes les caractéristiques de MULTIPLAN pour Apple // se retrouvent désormais sur Apple /// avec des améliorations comme la possibilité de définir une impression sur 512 colonnes si votre imprimante le permet. De plus, MULTIPLAN /// utilise la totalité des 256K de la mémoire centrale. Disponible courant 1984. **MICROSOFT FRANCE. APPLE SEEDRIN.**

**VISICALC ///.** La feuille de calculs électroniques la mieux connue a été transportée sur Apple ///. Cet outil permet à un non-informaticien d'effectuer des calculs sur un tableau disponible de 255 lignes et 64 colonnes en reliant les différentes cases du tableau par des relations algébriques ou logiques. Utilisation très diverse telle que : gestion de budget, gestion des ventes, suivi du compte d'exploitation prévisionnel... **APPLE SEEDRIN.**

**VISICALC ADVANCED VERSION.** Par rapport à visicalc ///, il ajoute un certain nombre de caractéristiques intéressantes comme les colonnes à largeur variable, des cellules protégées ou cachées, des fonctions comptables, la superposition et la fusion de tableaux... **METROLOGIE. APPLE SEEDRIN.**

# INTERNATIONAL SOFTWARE

## European Software

### FRANCE

#### Telecommunications

**ACCESS ///.** Il constitue le logiciel de communication universel pour Apple ///. Il permet d'émuler des terminaux de type VT52, VT100 et TTY, de sauvegarder les informations transmises sur fichier ou imprimante, d'envoyer des fichiers de type texte. Son paramétrage est très facile. **APPLE SEEDRIN.**

**CALVADOS ///.** Ce logiciel de communication est distribué gratuitement à tous les Utilisateurs du Service CALVADOS. Il permet la connexion automatique à l'ordinateur de CALVADOS, le transfert de fichiers Texte et Binaire... **CALVADOS.**

**IT TELEX.** Ce système souple de gestion automatique du télex est Multi-voies. Il permet une simultanéité des travaux grâce à sa file d'attente. Il prend en charge automatiquement la transmission, avec envoi ou rappel automatique si nécessaire, et est ouvert pour diverses applications spécifiques comme l'archivage, l'interrogation de banques de données confidentielles... **3 T (TELEMATIQUE - TELECOMMUNICATIONS - TELEX).**

**MEM/TERM.** Ce progiciel de communication, transformant un Apple /// en terminal d'un autre, est particulièrement bien adapté à la Télémaintenance, l'interrogation et la mise à jour de données à distance. **IMAGOL.**

#### Thermique

**B.** Avec ce programme le calcul du coefficient B se fait selon les règles Th-B du C.S.T.B. Le calcul forfaitaire ou détaillé des apports par les parois opaques, le calcul des apports par les parois vitrées, par les parois à effet de serre et par les vérandas sont prévus. **SOFTENE.**

**COMBUS.** Il permet les calculs thermiques pour l'étude et le contrôle de la combustion dans les fours et les chaudières industrielles et domestiques. Saisie des caractéristiques du combustible, de la composition des fumées et du débit d'infiltrations parasites. Calcul précis du rendement de combustion. **DIALOGIC.**

**DIAGNOSTIC.** Ce logiciel permet le diagnostic économie d'énergie habitat et tertiaire. Il estime les coefficients K, G, les déperditions et fait un test de cohérence avec les consommations. Evaluation de la rentabilité de différentes interventions (100) dont pompe à chaleur ou changement d'énergie considérées isolément ou simultanément. Il établit un bilan financier. **SOFTENE.**

**F. CHART.** Ce programme permet de calculer et d'établir un plan de financement pour la production d'eau chaude sanitaire par un système solaire. **SOFTENE.**

**G. DEPER.** IL estime les coefficients "G", "K" et les déperditions, la puissance de chauffage et les besoins, pièce par pièce, la simulation sur l'isolation des parois. **SOFTENE.**

**G. DTU.** Ce logiciel est destiné au calcul réglementaire de "G" selon les règles strictes D.T.U. Il permet le calcul détaillé des locaux non chauffés, et pertes par air, le calcul des coefficients K. Large dimensionnement (12 pièces, 10 parois, 7 types d'ouvertures, 4 locaux non chauffés). Edition rapide de variantes, adaptée au traitement d'immeubles collectifs ou lotissements. **SOFTENE.**

# INTERNATIONAL SOFTWARE

## European Software

### FRANCE

#### Thermique

**HPESOFT.** Ce programme est adapté à l'étude thermique de l'habitat. Le calcul des rendements d'une installation de chauffage en vue de l'obtention d'un label HPE-LS est fait par la méthode de calcul du C.S.T.B. Accès à une bibliothèque de chaudières et de ballons que l'utilisateur peut éditer. Calcul du label et de la contribution solaire. Gestion très souple des fichiers. **DIALOGIC.**

**METHODE 5000.** Grâce à ce logiciel, le calcul des coefficients G et B de la réglementation thermique française par la Méthode 5000, agréée par le Ministère de l'Urbanisme et du Logement est aisé. Calcul des besoins mensuels de chauffage pour tout type d'habitat. Evaluation des conditions de confort. **DIALOGIC.**

**PAC BI-ENERGIE.** Il permet le calcul de rentabilité d'une substitution totale ou partielle de ressources énergétiques par d'autres solutions (P.E.R.C.H.E., géothermie, chauffage bois, déchets, transfer fuel gaz...). Il peut également établir un plan de financement. **SOFTENE.**

**PISOL.** Il permet d'établir le bilan thermique des besoins d'une piscine et des apports solaires (utilisable avec une pompe à chaleur). **SOFTENE.**

**TARIFELEC.** Avec ce programme, il est possible de faire un calcul détaillé de la facturation E.D.F. pour différents tarifs Basse et Moyenne tension et différents profils de consommation. **SOFTENE.**

#### Utilitaires

**CATALYST 2.0.** La transmission automatique de votre Apple ///. Cet utilitaire vous permettra de charger la plupart de vos programmes sur le disque dur Profile et de les appeler à partir d'un menu. Installation automatique de très nombreux logiciels (Apple, Quark, Personal Publishing Software, Visicorp). La place mémoire disponible est optimun grâce au chargement dynamique des drivers. **APPLE SEEDRIN.**

**COPIEGRAF ///.** L'impression des graphiques que vous avez générés à l'aide de programmes Pascal, Business BASIC ou Business Graphics /// ne vous posera plus aucun problème avec cet utilitaire. Il accepte les imprimantes matricielles Apple DMP et IMAGEWRITER, Epson MX 82FT et MX100, C-ITOH 1550 et NEC PC-8023B-C. Les routines machines de recopie graphique sont incluses pour pouvoir être ajoutées à vos propres programmes. **APPLE SEEDRIN.**

**FORMATEXT ///.** Cet utilitaire écrit en langage WPL vous permet de formater des textes écrits au kilomètre sous Apple Writer ///. Il crée le champ adresse, les décalages paragraphes... De plus, il propose un glossaire pour une utilisation plus rationnelle de votre traitement de texte et de l'imprimante. **APPLE SEEDRIN.**

**PIK ///.** Utilitaire permettant de reconfigurer Business Graphics pour permettre l'impression des graphiques sur un grand nombre d'imprimantes. **APPLE SEEDRIN.**

**SCRIPT ///.** Cet utilitaire transforme l'éditeur Pascal en un véritable traitement de texte. **APPLE SEEDRIN.**

### FRANCE

#### Logiciel Divers

**APPLE WRITER ///.** Ce système de traitement de texte sophistiqué permet d'écrire, de relire, de corriger et d'imprimer tous documents (formats d'impression au choix). Un langage unique de traitement de texte vous aidera dans l'édition de tous types de documents. Capacité : 56 pages de texte par disquette et jusqu'à 65000 caractères par fichier. **APPLE SEEDRIN.**

**ARCHIPLUS ///.** Ce logiciel, destiné aux Architectes, génère de façon automatique des quantitatifs et devis à partir d'un fichier Texte créé sous Apple Writer et d'un fichier Article pouvant contenir jusqu'à 2500 éléments. Le fichier Texte est utilisé comme une bibliothèque de toutes les parties de tous les devis possibles, regroupées par corps de métier. **DELTA SOFT.**

**BUSINESS GRAPHICS ///.** Avec ce logiciel, vous visualiserez toutes vos données numériques sous forme de graphiques (courbes, histogrammes, camemberts). De plus, il offre des fonctions mathématiques et statistiques intégrées et permet ainsi d'établir des prévisions. **APPLE SEEDRIN.**

**GESTION DE MAGASIN DE PRET-A-PORTER : ESOP'101.** Il peut gérer jusqu'à 15 magasins différents, jusqu'à 5250 références différentes par magasin, chacune en 15 tailles, 1000 lignes pour le carnet de commandes. Gestion des stocks, des commandes, des livraisons, des ventes et du magasin. **ESOP.**

**GT MICRO.** Ce logiciel est un système de Gestion Prévisionnelle de Trésorerie en date de valeur. Très simple d'emploi et conçu pour répondre aux besoins de consolidation des trésoriers de "groupe", il est l'instrument de décision privilégié du Trésorier. **HGA INFORMATIQUE.**

**MAIL LIST MANAGER.** Avec ce logiciel, vous automatiserez les tâches pénibles et longues de production et de mise à jour des listes d'adresses, de numéros de téléphone de vos clients, collègues, prospects et relations personnelles. Ce programme enregistre en mémoire, trie, édite et imprime des étiquettes de mailing et des listes de téléphone soit entièrement, soit sélectivement par code postal, par nom ou selon une clé spéciale définie par l'utilisateur. Capacité : 916 étiquettes enregistrées sur 1 disquette. **APPLE SEEDRIN**

**MARCHE.DPR.** Avec ce logiciel, vous pourrez faire un suivi financier de l'ensemble des marchés/contrats (contrats d'achats, de ventes ou de prestations de services). Il est également adapté au suivi des marchés sur devis. L'établissement des échéanciers prévisionnels (de 1 à 36 mois) de recettes ou de dépenses vous permettra de gérer efficacement la trésorerie et d'assurer la facturation à temps. **DPR FRANCE**

**MEM/TEXT.** Présenté sous forme de modules, c'est un langage éditeur de textes destiné à faciliter l'automatisation de la plupart des tâches de secrétariat. Des variables BASIC peuvent être intégrées à l'intérieur des textes. Nécessite la carte MEM/DOS. **MEMSOFT.**

**PFS GRAPH.** Il permet de créer des graphiques seuls ou à partir des fichiers générés par la gestion de fichier PFS FILE ou le tableur VISICALC. De nombreuses possibilités sont offertes comme l'affichage simultané de graphiques linéaires et d'histogrammes. **SONOTEC.**

# INTERNATIONAL SOFTWARE

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## European Software

### FRANCE

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#### Logiciel Divers

**P.C.S.S.** Ce logiciel est un système complet et entièrement intégré d'analyse de données scientifiques ou marketing pour des traitements statistiques. Il permet de traiter des données d'expériences scientifiques ou de laboratoires, des mesures ou observations d'expérimentations, des échantillonnages de contrôle de qualité, des enquêtes ou études de marché. **DELTASOFT.**

**VIDEO SOPHIA.** La gestion complète d'un club vidéo avec saisie rapide des mouvements de cassettes vidéo et Clients est possible. L'utilisation très facile d'un lecteur code à barres améliore les performances. Il réalise également l'édition des étiquettes personnalisées code à barres et des badges des Adhérents. Existe en version allemande et anglaise. **VIDEO-SOPHIA.**

**VISISCHEDULE ///.** Ce programme est un système de gestion de projet interactif permettant d'établir des plannings de plus de 300 tâches. Il est interfaçable avec VISICALC ///. **METROLOGIE**

### GERMANY

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**UNIVERS.** Versicherungsagenturen.  
**Bittronic GmbH.**

**ARCHITEKT ///.** Architekten. **FIBU ///.** Finanzbuchhaltung. **Dietmuller Ges. m.b.H.**

**BUCHH.** Finanzbuchhaltung. **FAKTUR.** Fakturierung. **AUFTRAG.** Auftragsbearbeitung. **Ohnimus.**

**BAUFINANZ. BSD ERSTERWEBER. BSD ZWISCHENKREDIT.**  
Finanzierungsberatung. **Bremer Software Dienst GmbH.**

**MIKA.** Fensterbaubetrieb. **MIPREIS.** Fensterbaubetrieb. **MISCHA.** Fensterbaubetrieb. **FIBU.** Fensterbaubetrieb. **DEBITOREN.** Debitorenbuchhaltung. **FAKT.** Fakturierung.  
**S.Plus GmbH.**

**WPL ///.** Serienbriefschreibung. **MENU.** Menu-generator. **Christian Lange.**

**FAHRSCHULE.** **Datasys GmbH & Co. KG.**

**GVR-FAKTUR.** Fakturierung. **GVR-LAGER.** Lagerwirtschaft.  
**GVR-FIBU.** Finanzbuchhaltung. **TRANSFILE.** Übertragung aus Mainframe in Visicalc.

**GVR Datenverarbeitung.**

# INTERNATIONAL SOFTWARE

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## European Software

### GERMANY

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**FIPAS II.** Finanzbuchhaltung. **ADRESSER.** Adressenverwaltung.  
**B-LOHN.** Lohnabrechnung. **FAKT.** Finanzbuchhaltung.  
**SYSTEM B.** Datenbank. **FRED.** Fensterorientierte Benutzerdatenbank. **Bense KG Computersysteme.**

**APIS-K. APIS-V. PINUS-R2S. APIS-A. FAGUS. PINUS-T2. PINUS-R2. APIS-P.**  
Kommerzielle (Leistungsverzeichnisse) und technische (statische Berechnungen) für Architekten. **IMT.**

**KHB-AMS.** Projekt-Management. **KHB GmbH.**

**CATALYST.** Menu-Manager. **WORDJUGGLER.** Textverarbeitung.  
**Computerware.**

**BEBU I.** Betriebsbuchhaltung. **LOHN ///.** Lohnabrechnung.  
**ARFA ///.** Auftragsbearbeitung. **ANLA ///.** Anlagenbuchhaltung.  
**FIBU ///.** Finanzbuchhaltung. **Teach Computer.**

**VIDEO.** Videothek. **APRO.** Angebotsschreibung. **Schwanzler und Fruh.**

**ProFIT ///.** Benutzerdatenbank. **A.D.I.**

**SERVOS.** Kfz-Handel und Einzelhandel. **SERVOS-VK.** Verkaufsvorderung.  
**SERVOS-ORGANISATION.** Integrierte Lösung. **SERVOS-FAK.** Fakturierung.  
**SERVOS-EH.** Integrierte Lösung. **SERVOS-FIBU.** Finanzbuchhaltung.  
**SERVOS-LAGER.** Lagerverwaltung. **SERVOS-OPEL.** Opel-Handler-Lösung.  
**Servonic.**

**TECHNOSOFT.** Arztprogramm. **Technosoft GmbH.**

### GREAT BRITAIN

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#### Accounting

**Acclaim General Ledger.** Forms part of the Accounting Ledger and Inventory Management System (ACCLAIM). **G & M Management Services.**

**Acclaim Purchase Ledger.** Handles open-item accounts. On a minimum configuration, can handle 400 suppliers and up to 2000 transactions. **G & M Management Services.**

**Acclaim Sales Ledger.** Handles open-item accounts and, on minimum configuration, can handle 400 customers and up to 2200 transactions. **G & M Management Services.**

**Accounts Incomplete Records System.** Designed to produce final accounts from incomplete records by the establishment of a nominal ledger. **MSS Consultancy Ltd.**

# INTERNATIONAL SOFTWARE

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## European Software

### GREAT BRITAIN

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#### Accounting

**Accounts Preparation System.** Designed to produce a full set of financial statements for sole traders, partnerships, or limited companies. Supports 250 nominal codes, 600 transactions, and journal or automatic-entry posting. **Dewco Info Systems.**

**Accountants Time and Cost Recording.** Designed to record time and expenses for an accountancy practice, handles up to 1500 accounts and 100 personnel. When required, full or partial billing is recorded. **Dewco Info Systems.**

**Contract Costing System.** Provides full budget/target definitions at resource or job levels, including progress and stage comparisons. Identifiable extras, stage payments substantiated by codes. Fully detailed reporting facilities. **Datatech.**

**Financial Management.** Integrated financial ledger system working in a fully interactive model; designed for bookkeeper/accountant. **RAM Computer Services.**

**Nominal Ledger System.** Simple to operate; produces a Nominal Ledger, Trial Balance, Profit and Loss Account, and Balance Sheet. **Jarman Systems.**

**Orbit General Ledger.** Provides reporting and analysis. Already installed by a number of large companies for consolidation of group accounts. **Vlasak Computer Systems.**

**Orbit Purchase Ledger.** Design based on recommendations of many companies and organizations of various sizes involved in different business sectors. **Vlasak Computer Systems.**

**Orbit Sales Ledger.** Designed to be configured by the end user, limited only by disk capacity. Handles both open-item and balance-forward accounts on the same ledger. **Vlasak Computer Systems.**

**Orbit Stock Control.** In use around the world in a number of large multinational companies. Number of stock items system can handle limited only by disk capacity. **Vlasak Computer Systems.**

**Ormbeta Product Invoicing System.** Written in Pascal, this is one of a range of packages built around the Beta Data Base System. **Ormskirk Computer Services.**

**Ormbeta Purchase Ledger.** Written in Pascal, this is one of a range of packages built around the Beta Data Base System. **Ormskirk Computer Services.**

**Ormbeta Sales/Purchase Ledger System.** Flexible sales-and-purchase ledger system built around an equally flexible data base. **Ormskirk Computer Services.**

**Ormbeta Stock Control.** Written in Pascal, this stock control program is one of a range of packages built around the Beta Data Base System. Operates on any compatible Pascal disk system, including Profile. **Ormskirk Computer Services.**

**Payroll/Personnel System.** Designed to undertake task of operating a company payroll quickly, efficiently, and accurately. Eliminates calculations and manual operations associated with handwritten payrolls and tax tables. **Jarman Systems.**

# INTERNATIONAL SOFTWARE

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## European Software

### GREAT BRITAIN

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#### Accounting

**Payroll ///.** Designed to give you full control of your employee information. Performs wages, tax, National Insurance, and pension calculations. **Deverill Computer Services Ltd.**

**Purchase Accounting System.** Available in either balance-forward or open-item format. Provides managers with prompt and useful information. **Jarman Systems.**

**Sales Accounting System.** Available in either balance-forward or open-item format. Eases task of controlling sales ledger and improves credit control. **Jarman Systems.**

**Stock Recording System.** Designed to reduce stockout and improve customer service, sales, and profits. Allows user to reduce stock valuation and improve cash flow. Also reduces losses due to waste, pilferage, and obsolescence. **Jarman systems.**

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#### Business Management

**Beta Data Base System.** Designed to operate on any compatible Pascal disk system, including Profile. **Ormskirk Computer Services.**

**DataFax.** Free-form relational filing system for unstructured information. Enables you to upload and download data between programs and provides fast retrieval. **Advanced Quality Software.**

**Literature Search Package.** Four programs forming a complete periodical-article filing system and allowing retrieval of references to magazine or journal items by keyword(s). **Systemics.**

**MicroFINESSE.** Complete financial planning and reporting system based on FINESSE, originally developed for use on mainframes, then on minicomputers. **The P.E. Consulting Group.**

**Omnis Management.** Written in Apple Pascal for use with floppy or hard disk drives. **Blyth Computers.**

**Personal Filing System.** Using the concept of designing a form on the screen, PFS lets user create file information on any subject with minimal effort and without programming skills. **Personal Computers.**

**PFS :GRAPH.** Allows any numeric and/or VisiCalc data to be displayed as bar graphs or pie charts. Easy to learn and use. **Personal Computers.**

**Production Control System.** Provides a powerful management planning tool for manufacturing companies. **MSS Computer & Business.**

**Production Planning System (PPS).** Provides a versatile and flexible production-recording and capacity-planning system. **MDA Computer Systems.**

# INTERNATIONAL SOFTWARE

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## European Software

### GREAT BRITAIN

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#### General

**Materials Requirements Planning.** Use this program to determine gross requirements, examine stock and current ordering, and provide a new requirements history. **MSS Computer and Business.**

**Profile Backup 'Backup Restore.'** Allows data files of any size to be copied to or from any SOS-compatible device, such as Profile, regardless of whether target device has lower capacity than source. **Ormskirk Computer Services.**

**Scholar ///.** Designed for operation by existing staff within a bursar's office. Covers administration, reporting, and accounting of pupils. **Deverill Computer Services.**

#### Vertical Markets

**Antique Dealer.** Handles extra VAT calculations and details of stock items that face antique dealers. **Advanced Quality Software.**

**Club Membership Package.** Allows clubs to store details of members. **Systemics.**

**Dentist's Diary Module.** Available as first of 7 modules being developed in consultation with several dentists in United States. **Microtechnic Computer.**

**HACS—Hotel Accounting System.** Hotel and restaurant accounting system designed to handle 60 hotel rooms and up to 80 tables in a restaurant. **G & M Management Services.**

**Ormbeta Bar/Food Stock Control System.** Written in Pascal this package is one of a range of packages built around the Beta Data Base System. **Ormskirk Computer Services.**

**Ormbeta Membership System.** Written in Pascal, this is one of the range of packages built around the Beta Data Base System. **Ormskirk Computer Services.**

**Ormbeta System.** Written in Pascal, this client property matching package is one of a range of packages built around the Beta Data Base System. **Ormskirk Computer Services.**

**Property Management.** Designed to manage tenant and landlord accounts for a property or group of properties, the program can handle 200 landlords per diskette. **Advanced Quality Software.**

**Solicitor's Accounting ///.** A suite of programs written to provide a comprehensive accounting facility for solicitors' offices. **Local Business Technology.**

**Video Library Manager.** Designed to run continuously on the counter of a video library. Registers loan and return of films by customer membership number. **Datron Software.**

# INTERNATIONAL SOFTWARE

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## European Software

### HOLLAND

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#### Administratie

**FINANCIEEL PAKKET.** Eenvoudig te bedienen financiële administratie eventueel gekoppeld aan een facturatie module/aanmaningen module. Grootboek/debiteuren/krediteuren/ journaal/V&W/ Rekeningoverzichten e.d. **HERMES ISO B.V.**

**FINAS.** Grootboek administratie waarin diverse administraties kunnen worden geïntegreerd.

**MUTSAARS AUTOMATISERING.**

**MEFIN-GROOTBOEKADMINISTRATIE.** Het voeren van een grootboekadministratie van kleine tot middelgrote bedrijven en instellingen, of voor administratie/ accountantskantoren werkend met groot- boekadministraties voor meerdere bedrijven. Interactief met MEDEC. **MEDICOM.**

#### Adressen En Adressering

**N.A.W.** Adresseringssysteem voor onderhoud adressenbestand. Selectief opvraagbaar op naam, postcode en selectiecode. Afbundeling mogelijk volgens voorwaarden PPT. **D.M. COMPUTERS A.B.C. B.V.**

#### Algemeen

**ADRAS.** Adressenbestand met de mogelijkheid 10 x 10 selectiecriteria te kiezen. **MUTSAARS AUTOMATISERING.**

**URS.** Uren Registratie Systeem. Bestede uren kunnen naar werksoorten (orders, opdrachten) en handelingen geregistreerd worden. Overzichten voor externe rapportage of interne verwerking kunnen worden uitgedraaid. **ABECON B.V.**

#### Apothekers

**FARMAS ///.** Het vervaardigen van etiketten en kwitanties via de volledige taxen. Debiteuren module, protocollen, patienthistorie en medicatiebewaking op grondstofniveau. Eigen artsenbestand, eigen gebruiksvoorschriften en eigen patientenbestand. **HERMES ISO B.V.**

#### Architekten

**PROJECTEN ADMINISTRATIE POKA.** POKA staat voor Projecten Opbrengsten Administratie en is opgezet volgens de Standaard Architecten Administratie (S.A.A.). Van een project kunnen planning (begroting) en alle kosten worden geregistreerd. Voor- en nacalculatie overzicht van kosten en declarabele stand van de diverse projecten. **ABECON B.V.**

# INTERNATIONAL SOFTWARE

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## European Software

### HOLLAND

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#### Bedrijfsadministratie

**B.A.S.** Bedrijfsadministratie systeem. Grootboekadministratie op basis van doorschrijfboekhouding. Numeriek rekeningstelsel werkend met 4 cijferige codering. **D.M. COMPUTER ABC B.V.**

**CREDITEUREN ADMINISTRATIE AFAS/CR.** Sub-administratie module van het ABECON Financieel Administratie Systeem (AFAS). Hiermede kan de volledige crediteuren- administratie gevoerd worden. Funkties zijn o.a. crediteuren, boeken inkoopfacturen en betalingen, printen overzichten (openstaande facturen, historisch overzicht) en periode afsluitingen. Zelfstandig of in combinatie met andere AFAS-modules. **ABECON B.V.**

**DEBITEUREN ADMINISTRATIE AFAS/DB.** Sub-administratie module van het AFAS. Hiermede kan een complete debiteurenadministratie gevoerd worden (boekingen, bewaking openstaande posten, historische overzichten, periode afsluitingen). Zelfstandig of in combinatie met andere AFAS-modules. **ABECON B.V.**

**FACTURERING AFAS/FK.** Sub-administratie module van het AFAS. Deze module verzorgt de factureringswerkzaamheden en kan zowel zelfstandig als in combinatie met andere AFAS modules toegepast worden (debiteuren, voorraad). Fakturen, pakbonnen, verkoopoverzichten, verzamelstukken behoren tot de mogelijkheden. **ABECON B.V.**

**GROOTBOEK AFAS/GB.** Basis module van het AFAS. Deze grootboekmodule is geschikt voor zowel kleine als grotere administraties. Het rekeningschema kan door de gebruiker zelf gedefinieerd worden evenals de indeling van de verschillende financiële overzichten zoals balans, proef- en saldbalans, journaalposten en kosten/baten overzicht. Zelfstandig of in combinatie met andere AFAS-modules. **ABECON B.V.**

**VOORRAAD ADMINISTRATIE AFAS/VR.** Sub-administratie module van het AFAS. Mogelijkheid om een complete voorraad administratie te voeren. Onderscheiden worden een artikelgegevenbestand, voorraadgegevens en mogelijkheden om de diverse gewenste overzichten zoals voorraadstaten en bestellijsten uit te printen. Zelfstandig of in combinatie met andere AFAS-modules. **ABECON B.V.**

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#### Bouw En Aannemers Bedrijven

**SALARIS ADMINISTRATIE AFAS/SL.** Sub-administratie module van het AFAS. Deze module stelt u in staat zelf uw volledige salarisadministratie uit te voeren. Funkties omvatten o.a. verwerking urenregistratie, voorschotten, declaraties en reisvergoedingen het printen van loonstroken, loonzakstickers en salaris overzichten, periodieke verwerkingen en verzamelstaten. Zelfstandig of in combinatie met andere AFAS-modules. **ABECON B.V.**

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#### Cargadoors

**K.B.A.S.** Schepenadministratie voor cargadoorsbedrijven, inclusief facturering. Werkt als subadminastratie aan B.A.S. grootboekadminastratie. **D.M. COMPUTER A.B.C. B.V.**

# INTERNATIONAL SOFTWARE

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## European Software

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### HOLLAND

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#### Correspon- dentie

**D.M. TEKSTVERWERKER.** Tekstverwerkingspakket met mail/merge mogelijkheid, voorwaardelijk afdrukken tekst, bouwsteencorrespondentie, etc. **D.M. COMPUTER A.B.C. B.V.**

#### Financiële Administratie

**PROSA.** Financiële administratie. Posten afhankelijk van combinatie andere pakketen. **OSCAR DATA.**

#### Handelonder- neming

**OA-I.** Handelonderneming. Posten afhankelijk van combinaties met andere pakketen. **OSCAR DATA.**

#### Ledenadminis- tratie

**LKADMIN ///-II.** Uitgebreide ledenadministratie met incasso via acceptgiro's, etiketten gesorteerd op naam, postcode, plaats en beroep/bedrijfscode. Printen van ledenlijst met bovenstaande mogelijkheden, ledenkaartjes, en contributietaal. **HERMES ISO B.V.**

**V.L.A.S.** Leden- en contributieadministratie voor verenigen. Algemeen toepasbaar. **D.M. COMPUTER A.B.C. B.V.**

#### Loonadminis- tratie

**L.B.A.S.** Loonadministratie systeem voor algemeen gebruik. Aangepast voor branchegericht gebruik voor de bouw, schildersbedrijf, schoonmakbedrijf en horecabedrijf. **D.M. COMPUTER A.B.C. B.V.**

#### Medische En Paramedische Beroepen

**DOCSYS.** Totale administratievoering binnen praktijken van huisarts, specialist of fysiotherapeut, grootboek—en patientadministratie partikulier en ziekenfonds, patienthistorie, invoer van behandelingen, doorboeking van particulieren, nota's in grootboekadministratie. **MEDICOM.**

#### Mode Detailhandel

**BALAS.** Berekenen van fiscale voorraad, na ingave van verkoopprijs, aantal, leeftijdcode, en afschrijvingspercentage. **MUTSAARS AUTOMATISERING.**

**VOWAS.** Mode detailhandel pakket. Toetsenbord of kassa gekoppeld. **MUTSAARS AUTOMATISERING.**

# INTERNATIONAL SOFTWARE

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## European Software

### HOLLAND

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#### Onderwijs

**ALAS.** Leerlingen Administratie Systeem voor het bijhouden en opvragen van leerlinggegevens, klasselijsten, rapportlijsten etc. **ABECON B.V.**

**LEERLING INFORMATIE SYSTEEM VLASVELD (LISV).** Het ingbrengen en printen van persoonsgegevens. Leerling en vakkenpakket, cijferlijsten, abc etc. 3.000 - 4.000 leerlingen. **VLASVELD COMPUTERS.**

#### Projektadministratie

**P.B.A.S.** Administratie van projecten voor projectmatig werkende bedrijven. Na invoer van de voorcalculatie volgt de voortgangscontrole- en hierna volgt de nacalculatie van de rapporten. **D.M. COMPUTER A.B.C. B.V.**

#### Ramenindustrie

**WERKVOORBEREIDING ABRAMO.** Werkvoorbereiding en voorkalkulatie voor de fabricage van raamsystemen. Na invoering van ordergegevens worden o.a. materiaalstaten, bewerkingstaten, werktekeningen en glas/paneelstaten gemaakt. Capaciteitsplanningen en vergelijking voor- en nacalculatie gegevens. Wordt als maatwerk geleverd. **ABECON B.V.**

#### Reisebureaux

**RESAS RESERVERING ADMINISTRATIE SYSTEEM.** Geeft overzichten over de bezetting van vakantie objecten en verzorgt bij boekingen de financieele afhandelingen tussen huurder en verhuurder (in vreemde valuta). Meteen geïntegreerd in de grootboekadministratie FINAS. **MUTSAARS AUTOMATISERING.**

#### Salarisadministratie

**SALAS.** Flexibel salarisadministratie systeem met netto en bruto berekening. Drukt salarisstrookjes, overzichten en jaaropgave. **MUTSAARS AUTOMATISERING.**

#### Verzekeringen

**AAS.** Assurantie Administratie Systeem voor Assurantie tussenpersonen. **ABECON B.V.**

#### Voorraad-Orderverwerking

**V.B.A.S.** Voorraad- orderverwerkingssysteem met fakturatie op basis van artikelbestand. **D.M. COMPUTER A.B.C. B.V.**

# INTERNATIONAL SOFTWARE

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## European Software

### ITALY

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PRODUCT	COMPANY
GESTIONE AGENZIA DI ASSICURAZIONI.	INFORMATICA MOLISANA.
PROCEDURE INTEGRATE DI GESTIONE AZIENDALE.	LOGICA.
CONTABILITA' GENERALE.	SI.GE.
FATTURAZIONE.	SI.GE.
MAGGAZINO.	SI.GE.
CONTABILITA' SEMPLIFICATA MULTIAZIENDALE.	INFORMATICA BIELLA S.A.S.
LEGGE 373.	MEMOR INFORMATICA.
ANALISI DEI PREZZI (SETTORE EDILIZIA).	MEMOR INFORMATICA.
AMMINISTRAZIONE PICCOLI CONDOMINI.	MEMOR INFORMATICA.
ARCHIVIO DOCUMENTI E BIBLIOTECHE.	SOFTTEL INFORMATICA S.N.C.
GESTIONE ANAGRAFE E CERTIFICAZIONE PER COMUNI.	MEMOR INFORMATICA.
GESTIONE UFFICIO ELETTORALE COMUNALE.	MEMOR INFORMATICA.

# INTERNATIONAL SOFTWARE

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## Intercontinental Countries

### AUSTRALIA

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**Real Estate Agent.** Complete Real Estate, Licensed Clubs, Business property management. Covers complete range of property management necessities. Menu-driven. Features daily program (e.g., transaction entry, receipts, banking lists), monthly program, reports program and file maintenance program. Requires hard disk. **Surfway Software.**

**GS Business Pack.** Business Accounting including Payroll, Debtors, Inventory & Creditors, General Ledger. **Six "S" Business Advisory.**

# INTERNATIONAL SOFTWARE

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## Intercontinental Countries

### AUSTRALIA

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**Syntax "Fiscal"**. Manages Fixed Assets, Payroll, General Ledger, Creditors Debtors, Cash & Stock management. Streamlines financial management process by using data base techniques to record each transaction in all relevant ledgers. Features built-in backup facilities. Hard disk required. **Syntax Systems**.

**Insurance Brokers Management System**. Performs all accounting and data processing functions involved in maintaining insurance portfolio from new business through endorsements, renewals, claims and cancellations. Hard disk required. **Associated Computer Services Pty. Ltd.**

**Bookkeeper**. General business bookkeeping. **Consolidated Software Development Pty. Ltd.**

**Clarke Realty**. Property Management Business including selective passwork protection, receipting for normal rent, bank rent, stamp duty, etc., disbursements, and various reports features (bank file and cheque printout, sales reports, etc.). Hard disk required. **Clarke Computer Services**.

**Stemwriter ///**. Scientific/Pharmaceutical software package with many advanced and unique features: user interface, multiple documents of arbitrary size in memory, extensive formatting capability, built-in abstract printer. **Stemsoft**.

**Apple ///** **Poker**. Licensed clubs. **Seahorse Computers Pty. Ltd.**

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### Firmware

**Data Communications Cards 2780/3780**. Allows users to connect and transfer selections of files to and from mainframes or other Apple systems either locally or remotely. Built-in error detection/correction, automatically reducing possibility of line errors to almost nil. **NetComm (Aust) Pty. Ltd.**

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### MALAYSIA/ASEAN AREA

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**CompuWeigh**. Weighing automation consisting of Apple /// interfaced to weighbridge. Allows rapid, accurate weighing of freight loads in trucking/transportation industry. Hard disk optional. **D.E. Computer Sdn. Bhd.**

**P.I.C.** Programmable Industrial Controller for industrial control and building automation. Hard disk optional. **D.E. Computer Sdn. Bhd.**

**CompuPay**. Automated payroll using key access information for each employee. Interface to time clock. Calculates overtime and hourly ratings in factory and other environments. Hard disk optional. **D.E. Computer Sdn. Bhd.**

# **INTERNATIONAL SOFTWARE**

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## **Intercontinental Countries**

### **PERU**

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**Accounting in Spanish/Latin American Conventions.** General Ledger, Inventory, Invoicing, Accounts Receivable. **Nahum Tinman.**

### **SAUDI ARABIA**

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**Inventory Control System (Arabic).** Inventory control for Arabic-speaking users, Arabic accounting conventions. Interactive, menu-driven, with capacity up to 10,000 records. Effective, fast retrieval. Program incorporates data validation check in all phases, reducing chance of operator error. Arabic screen is handled with contextual analysis. Runs UCSD Pascal. Hard disk required. **Jeraisy Computer Services.**

**General Ledger System (Arabic).** For Arabic speaking users. Accomodates up to 3000 accounts. Incorporates all standard general ledger features; can be incorporated with Accounts Receivable and Payable systems. Arabic screen is handled with contextual analysis. Runs UCSD Pascal®. Hard disk recommended. **Jeraisy Computer Services.**

**Arabic Word Processor.** Arabic, full-function word processing software operating under SOS. **Jeraisy Computer Services.**

### **SOUTH AFRICA**

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**General Accounting.** Business accounting using local data conventions. Hard disk required. **Trident Computers.**

**Advertising Agency Management.** Controls time billing, schedule management, other advertising-specific automation needs. **Trident Computers.**

**General Health Accounting.** South-Africa specific medical office management. Includes health/billing codes, accounting, etc. **Computer Tutor.**

### **TAIWAN**

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**Excellent Complete Accounting System.** Integrated, complete accounting system written in Pascal. Includes Accounts Receivable, Accounts Payable, Payroll, General Ledger, and Inventory Control. Automatically updates user daily input to all other accounts. Hard disk required. **Excellent Electronic Co. Ltd.**

# VENDOR ADDRESSES

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## Vendor

## Product

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**Aardvark Software**  
783 N. Water St.  
Milwaukee, WI 53202  
(414) 289-9988

Estate Tax Plan  
Professional Tax Plan

**C. Abaci**  
208 St. Mary's St.  
Raleigh, NC 27605  
(919) 832-4847

The Scientific Desk  
(Problem Solving Tools for the  
Scientific User of Microcomputers)

**Abacus Associates**  
6565 West Loop South  
Suite 240, Dept. 4  
Bellaire, TX 77401  
(713) 666-8146

Viz-A-Con  
Vis-A-Merge

**Action Research**  
1142 Marine VW Drive, S.W.  
Seattle, WA 98146  
(206) 241-1645

AIDA (Statistical Package)  
Zardax /// (Word Processing  
Package)

**Addison-Wesley Publishing Co.**  
Business & Professional Division  
Dept. O-AC  
Reading, MA 01867  
(617) 994-370

Micro DSS/A  
Micro DSS/F

**A.D.I. America**  
1215 Howe Avenue  
Sacramento, CA 95825  
(916) 925-2229

Aladin

**Advanced MicroSystems**  
75A Boyle St.  
Uniontown, PA 15401  
(412) HEX-CODE

Spooler ///p

**Advanced Software Technology, Inc.**  
**Master**  
6720 W. 66th Terrace  
Overland Park, KS 66202  
(913) 648-4442

Quick and Easy Data

**AG Disk.** *See Harris Technical  
Systems*

**Amdek Corp.**  
2201 Lively Blvd  
Elk Grove Village, IL 60007  
(312) 364-1180

Amdisk-3 Micro-Floppydisk Drive  
Color-II and IIA Monitor  
Color-III Monitor  
Color-IV Monitor  
Model DXY Plotter  
Model 300 Monitor

# VENDOR ADDRESSES

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## Vendor

## Product

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**Apple Computer**  
20525 Mariani Ave  
Cupertino, CA 95014  
(408) 996-1010

See Your Local Authorized Apple ///  
dealership

Apple Access ///  
Apple Access 3270  
Apple Cluster Control  
Apple Color Plotter  
Apple Daisy Wheel Printer  
Apple Disk ///  
Apple File ///  
Apple Graphics Tablet  
Apple Imagewriter Printer  
Apple Modem 300  
Apple Modem 1200  
Apple Speller ///  
Apple /// COBOL  
Apple /// OEM Prototyping  
Card  
Apple Writer ///  
Backup ///  
BPI General Accounting  
Business BASIC  
Business Graphics ///

Chartmaker ///  
Clock-Calendar Upgrade  
Fortran ///  
Interlace Upgrade  
Keyboard Upgrade  
Mail List Manager  
Monitor ///  
Monitor //  
Pascal ///  
Pascal Utility Library  
Profile  
Quick File ///  
RPS ///  
  
Scribe Printer  
Script ///  
Senior Analyst ///  
Serial Card ///  
256K Memory Upgrade  
VisiCalc ///

**Apollo Software**  
6338 Wisteria Ln  
Apollo Beach, FL 33570  
(813) 645-3153

Font Generator ///

**Applied Software Technology**  
170 Knolls Dr  
Los Gatos, CA 95030  
(408) 370-2662

JOB COSTS- Labor/Material  
A VersaForm Application Template  
Legal Office Manager  
Pascal Interface  
VersaForm  
VersaForm Application Templates  
VersaForm Purchase Order  
Application

**Apropos**  
64 Hillview Ave.  
Los Altos, CA 94022  
(415) 948-7227

The Big Picture

**Arthur Young**  
1 Post St  
San Francisco, CA 94104  
(415) 393-2826

Law Firm Profit Planning Model

**ASK Micro**  
6371 Auburn Blvd  
Citrus Heights, CA 95610  
(916) 722-8000

Accounting Plus

# VENDOR ADDRESSES

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## Vendor

## Product

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**Aurora Systems, Inc.**  
2423 American Lane  
Madison, WI 53704  
(608) 249-5875

Credit Manager  
Financial Statement Spreading  
Money Center Accounting System  
Personal Banker  
RB3 (Relationship Banking System)  
Safe Deposit Billing System

**Beaman Porter, Inc.**  
Pleasant Ridge Rd.  
Harrison, NY 10528  
(914) 967-3504

PowerText

**Bowling Computer Systems, Inc.**  
2925 Featherston  
Wichita Falls, TX 76308  
(817) 692-1654

Beat The Spread  
Golf Handicap System  
The League Secretary

**BPI.** *See Apple Computer*

**B/T Computing Corp.**  
14850 Montfort, Suite 181  
Dallas, TX 75240  
(214) 661-3288

Corvus Network Driver

**Brock Software Products, Inc.**  
Generator  
P.O. Box 799  
Crystal Lake, IL 60014  
(815) 459-4210

Keystroke Data Base and Report

**Business & Professional Software**  
143 Binney St.  
Cambridge, MA 01242  
(617) 491-3377

Screen Director

**C. Abaci.** *See Abaci*

**C & H Taxes**  
2002 S. St. Aubin  
Sioux City, IA  
(712) 276-3362

Timesaver Taxes

**Cdex Corporation**  
5050 El Camino Real  
Los Altos, CA 94022  
(415) 964-7600

Cdex Training for the BPI Accounting  
Program

**CE Software**  
801 73rd St.  
Des Moines, IA 50312  
(515) 224-1995

Programmer's Power Tools ///

**Charles Mann.** *See Mann*

**Charlie's Computer Consulting**  
7501 90th Ave SW  
Tacoma, WA 98498  
(206) 588-3363

Bad Check Control & Collection  
System

# VENDOR ADDRESSES

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## Vendor

## Product

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**Compu-Law**  
3520 Wesley St  
Culver City, CA 90230  
(213) 558-3360, 558-3369

Client Management System

**CompuMed**  
4015 Dome Dr  
Dallas, TX 75234  
(214) 661-0343

Client Billing System  
CompuDoc  
Florist Management System

**COPRAM, Inc.**  
20631 Deer Bluff Dr  
Chillicothe, IL 61523  
(309)-274-2251

COPRAM-M

**Core Technology Corporation**  
1000 W. University, Ste 109  
Rochester, MI 48063  
(313) 651-6421

SWI Apple /// Communications  
System

**Corvus Systems**  
2100 Corvus Dr  
San Jose, CA 95124  
(408) 559-7000

OMNINET

**Cyberia, Inc.**  
2330 Lincoln Wy  
Ames, IA 50010  
(800) 247-3900

Farmers Workbook  
Hog Production System

**D.A. Data Sytems**  
229 Ravenwood Ave  
Rochester, New York 14619  
(716) 328-3661

Tools Times Three

**Darling & Associates**  
451 Andover St., Ste 209  
North Andover, MA 01845  
(617) 794-0212

BASIS  
Portfolio Management Systems

**Data Security Concepts**  
P.O. Box 31044  
Des Peres, MO 63131

VisiCalc Formatting Aids

**Data Strategies, Inc.**  
P.O. Box 28726  
San Diego, CA 92128  
(619) 489-9218

CompuMedic

**Datamost**  
8943 Fullbright  
Chatsworth, CA 91311  
(213) 709-1202

Write-On!

**dataSmith**  
P.O. Box 834  
Pacific Grove, CA 93950  
(408) 372-6701

D.P.S. (Dimensional Projection  
System)

# VENDOR ADDRESSES

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## Vendor

## Product

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<b>Davong Systems, Inc.</b> 217 Humboldt Ct Sunnyvale, CA 94086 (408) 734-4900	Davong Streaming Tape Backup for Winchester Hard Disk System Davong Universal Winchester Hard Disk System
<b>Design Trends</b> P.O. Box G Wilton, CT 06897 (203) 834-1560	Softax
<b>Desktop Computer Software, Inc.</b> 303 Potrero St, Ste 29/303 Santa Cruz, CA 95060 (408) 458-9095	Graph'n Calc ///
<b>Digital Microware</b> P.O. Box 289 Los Olivas, CA 93441 (714) 855-0555	Copy ///
<b>Dow Jones</b> Software Publishing P.O. Box 300 Princeton, NJ 08540 (800) 257-5114	Dow Jones Market Manager
<b>DSC (The Denver Software Company)</b> 14100 East Jewell Ave Aurora, CO 80012 (303) 750-9982	EASy Financial Partner
<b>Duosoftware Corporation</b> P.O. Box 1827 Champaign, IL 61820 (217) 356-7542	Business Planner
<b>Elcom Systems Peripherals, Inc.</b> 439 Harrison St, Ste A Corona, CA 91720 (714)734-8220	ESP COMM CARD ///
<b>Equitable Computer Marketing, Inc.</b> 1402 Perimeter Center East Atlanta, GA 30346 (404) 394-8080	Business Pro
<b>Experience In Software, Inc.</b> 2039 Shattuck Ave., Suite 401 Berkeley, CA 94704 (415) 644-0694	The Art of Negotiating
<b>Fact Finder Software</b> Division of NARU Enterprises P.O. Box 206 Deer Harbor, WA 98243 (206) 376-4912	Fact Writer /// Rem Comm ///

# VENDOR ADDRESSES

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## Vendor

## Product

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**Financial Systems, Inc.**

P.O. Box 2012  
Kearney, NE 68847  
(308) 237-5995

Loan Document Processor

**First Byte, Inc.**

3711 Long Beach Blvd., Suite 100  
Long Beach, CA 90807  
(213) 595-7006

Disk Rescue  
PMS (Prospect Management Service)  
Soft Spoken

**FlipTrack Learning Systems**

999 N. Main St, Ste #200  
Glen Ellyn, IL 60137  
(312) 790-1117

How to Operate the Apple /// and ///  
Plus  
How to Operate Your Computer Under  
CP/M  
How to Use MultiPlan  
How to Use VisiCalc

**Forsythe Computers**

7748 Forsythe Blvd  
St. Louis, MO 63105  
(314) 721-4300

Merge ///

**Foxware Products**

2506 W. Midwest Dr  
Taylorsville, UT 84118  
(801) 364-0394

BASIC Extension  
Inkwell  
TerminAll

**Frederick & Associates**

700 South Flower St, Ste 604  
Los Angeles, CA 90017  
(213) 680-1163

Lawman

**The Gardner Partnership**

P.O. Box 549  
Cedar City, UT 84720  
(801) 586-9494

ArchAccount ///

**Global Optics**

1364 Reber St  
Green Bay, WI 54308  
(414) 432-1502

GOAL Ophthalmic Software

**Great Divide Software**

8060 Woodard Dr  
Lakewood, CO 80227  
(303) 337-0383

Critical Path Scheduling  
GL-Plus  
Scheduling System

**Great Plains Software**

1701 38th St SW  
Fargo, ND 58103  
(701) 281-0550

Great Plains Harddisk Accounting  
Series  
Rapid Transfer

**Haba Systems, Incorporated (HSI)**

15154 Stagg St  
Van Nuys, CA 91405  
(213) 901-8828

Haba Disk  
Habadex  
/// E-Z Pieces

**Harris Technical Systems**

624 Peach St  
P.O. Box 80837  
Lincoln, NE 68501  
(402) 476-2811

Corn/Soybean Management Series 1  
Crop/Livestock Profit Projector  
Financial Management Series 1  
Machinery Management Series 1  
Swine Management Series 1  
VisiCalc Templates

# VENDOR ADDRESSES

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## Vendor

## Product

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**Harrisonburg Computer Services**

444 Meyers  
Harrisonburg, VA 22801  
(703) 434-5062

Surveyor's Aide

**Harvest Computer Systems**

102 S. Harrison  
Alexandria, IN 46001  
(317) 724-9527

Farm Ledger  
WORKSHEET

**HCI (Hutch Computer, Inc.)**

P.O. Box 273  
555 Third Ave, NW  
Hutchinson, MN 55350  
(612) 587-2940

Beef Feeder Projection  
Cash Crop Breakeven Program  
Commodities Charting #1  
Commodities Charting #2  
Crop History  
Dairy Ration Balancer Program  
Elevator Manager Program  
Equipment Analysis  
Farm Bookkeeping  
Finishing Hog Production  
Hog Farrowing Projection  
Invoice/Inventory Program  
Mix and Formulation Program  
Soil History and Recommendation  
Swine Ration Balancer Program

**HealthWest**

1 HealthWest Center  
20500 Nordoff  
Chatsworth, CA 91311  
(213) 700-2000

MiniMax

**Heritage. See Remarkable****Hewlett Packard**

16399 W. Bernardo Dr.  
San Diego, CA 92127  
(619) 560-9414

HP 7470A Personal Computer Plotter

**High Technology Software Products**

P.O. Box 14665  
2201 NE 63rd St  
Oklahoma City, OK 73113  
(405) 524-4359

Apple Juice  
Gusher  
Job Control System 3-100 and 3-400  
P.A.C.E.  
Stock-Focus

**Infeld Software, Inc.**

2422 Alvin St, Ste 100  
Mt. View, CA 94043  
(415) 964-0544

CompuMed

**Information and Systems Research**

Airport Office Park, Bldg 1  
410 Rouser Rd  
Coraopolis, PA 15108  
(412) 262-5507

Cobol Program Generator  
RIMS/MPG

**Insoft**

P.O. Box 608  
Beaverton, OR 97075  
(503) 244-4181

ALD System ///  
Transforth ///

# VENDOR ADDRESSES

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## Vendor

## Product

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**Interactive Structures, Inc.**  
Printer Interface  
146 Montgomery Ave  
Bala Cynwyd, PA 19004  
(215) 667-1713

PKASO/U Universal Parallel  
Printer Interface

**International Apple Core**  
908 George St  
Santa Clara, CA 95050  
(408) 727-7652

Apple-CON(verter)  
BASIC Compare ///  
CP/M-SOS Converter  
CP/M to SOS.TEXTMOVER  
DOS to SOS Converter  
File Cabinet ///

**ISYS Corporation**  
P.O. Box 214  
Cambridge, MA 02138  
(617) 491-6221

Micro/Scan //

**Ken-Tec Marketing Group**  
1460 Washington Blvd, Ste C-3  
Concord, CA 95421  
(415) 672-802

The Family Security Analysis

**Kinetic Systems, Inc.**  
2527 North Carson St.  
Carson City, NV 89701  
(702) 883-8785

Tabman

**Dan Kunesh**  
108 Marie Dr  
Downers Grove, IL 60516  
(312) 963-1183

Cannibal Island

**Legend Industries**  
2220 Scott Lake Rd  
Pontiac, MI 48054  
(313) 674-0953

S-Card

**Link Systems**  
1640 19th St  
Santa Monica, CA 90404  
(213) 453-1851

DataFax  
DataLink  
LinkIndex  
LinkVideo

**Living Videotext**  
1000 Elwell Ct.  
Palo Alto, CA 94303  
(415) 964-6300

ThinkTank

**Macro-Tech Computer Products Ltd.**  
1370 Marine D  
N. Vancouver V7P1T4  
(604) 986-7633

Electronic Mail and Networking  
Memory Board

**Main Hurdman**  
1500 Main St  
Springfield, MA 01115  
(413) 781-3800

BANKPLAN

# VENDOR ADDRESSES

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## Vendor

## Product

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**Charles Mann & Associates**

55722 Santa Fe Trail  
Yucca Valley, CA 92284  
(619) 365-9718

Dental Office Management ///  
Medical Office Management ///

**Maycroft, Inc.**

6060 Old Lawyers Rd  
Elkridge, MD 21227  
(301) 796-7424

Pathways

**McGrew & Associates**

2103 Silvan View Ct.  
Olympia, WA 98502  
(206) 786-1408

DIF Sort Utility  
Fanny May Form Filler (FNMA 1004)  
Real Estate Appraisers

**Mead Data Central**

9333 Springboro  
Dayton, OH 45342  
(513) 859-1611

Lexis

**MED DATA, Inc.**

180 Allen Rd, NE, Ste 210N  
Atlanta, GA 30328  
(404) 252-6681

MED PAC System

**MicroBook, Inc.**

1365 Wiley Rd., Ste 149  
Schaumburg, IL 60195  
(312) 882-4025

BankCalc 1  
BankCalc 2  
BankCalc 3

**Micro Business Solutions**

622 Plymouth Lane  
Foster City, CA 94404  
(415) 573-5556

Micro GL ///

**MicroCom**

1400A Providence Highway  
Norwood, MA 02062  
(617) 762-9310

MC/3270  
MICRO/Terminal

**Micro Decision Systems**

P.O. Box 1392  
Pittsburg, PA 15230  
(412) 276-2387

DocuCalc

**Microfinancial Corporation**

15404 E. Valley Blvd  
City of Industry, CA 91746  
(213) 961-0237

Flexware Accounting

**MicroLab**

2699 Skokie Valley Rd  
Highland Park, IL 60035  
(312) 433-7550

Data Manager ///

**Micronetics**

4130 Buckthorn  
Lewisville, TX 75028  
(214) 539-1317

Design ///  
Form Maker

# VENDOR ADDRESSES

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<b>Vendor</b>	<b>Product</b>
<b>Micro-Sci</b> 2158 South Hathaway St Santa Ana, CA 92705 (714) 241-5600	A3, A73, and A143 Disk Drives
<b>Microsoft</b> 10700 Northrup Wy Bellevue, WA 98004 (206) 828-8080	Multiplan
<b>Monument Computer Service</b> Village Data Center P.O. Box 603 Joshua Tree, CA 92252 (619) 365-6668	Dental Clinic Medical Clinic
<b>Mountain Computer</b> 300 El Pueblo Rd Scotts Valley, CA 95066 (408) 438-6650	Dynamic Hard Disk System (10, 15, 20 megabyte)
<b>NCCS Software</b> 700 Leisure Ln Sacramento, CA 95851 (916) 929-7811	E-COMM CALL
<b>Nestar</b> 2585 E. Bayshore Rd Palo Alto, CA 94303 (415) 493-5291	Nestar Plan 2000, 3000, 4000
<b>North Country Builders</b> P.O. Box 147 Detroit Lake, MN 56501 (218) 847-3743	Builders Estimation Program
<b>On Three</b> Attn: Order Dept P.O. Box 3825 Ventura, CA 93006 (805) 644-3514	Draw On /// Lazurus ///
<b>Opus Technologies</b> 4405 International Blvd, Ste B-113 Norcross, GA 30093 (404) 923-2993	/// Plus //
<b>Orange Micro</b> 1400 N. Lakeview Ave Anaheim, CA 92807 (714) 779-2772	Bufferboard Buffered Grappler + Grappler + Orange Printer Interface
<b>OR-D Systems</b> 1 Martin Ave Cherry Hill, NJ 08002 (609) 665-2255	OR-D Dental System OR-D Legal System OR-D Medical System
<b>Ortho Computer Systems</b> P.O. Box 2253 Ames, IA 50010 (515) 233-1026	Orthodonic Office Package

# VENDOR ADDRESSES

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## Vendor

## Product

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**Parker Computer Systems**

P.O. Box 16386  
Fort Worth, TX 76162  
(817) 429-6482, 735-9515

PARIS

**Pascal Systems**

830 Menlo Ave., Suite 109  
Menlo Park, CA 94025  
(415) 321-0761

TDM  
TPG (The Program Generator)

**PCPI**

11590 West Vernard C  
San Diego, CA 92127  
(619) 485-8411

APPLI-CARD WITH WORD STAR

**Pearlsoft**

P.O. Box 13850  
Salem, OR 97309  
(503) 390-6880

AccountingPEARL  
PersonalPEARL

**Penguin Software**

830 4th Ave  
Geneva, IL 60134  
(312) 232-1984

Paper Graphics

**Personal Bibliographic Software, Inc.**

P.O. Box 4250  
Ann Arbor, MI 48106  
(313) 996-1580

The Data Transfer System  
The Personal Bibliographic System

**Plansmith Corp.**

50-N. Brockway  
Palatine, IL 60067  
(800) 323-3281 or (312) 359-4045

Profit Planning/Asset-Liability  
Management

**PowerTools**

1206 Karen Ave  
Austin, TX 78757  
(512) 454-8201

Blokaccess  
Cap'n Magneto  
Character Set Editor  
SOSCOMM

**PrintaColor Corp.**

5965 Peachtree Corners East  
Norcross, GA 30017  
(404) 448-2675

PrintaColor PG-1000

**Professional Medical Software**

650 Foothill  
La Canada, CA 91011  
(213) 790-9054

Medical Billing System  
Patient Notes  
Physical Exam

**PRO/PAC, Inc.**

14925 Memorial Dr, Ste 105  
Houston, TX 77079  
(713) 496-1179

Financial Management Models for the  
Service Firm

# VENDOR ADDRESSES

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## Vendor

## Product

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**Quark Incorporated**

2525 West Evans, Ste 220  
Denver, CO 80219  
(303) 934-2211

Catalyst  
Discourse  
Legal Dictionary  
Lexicheck  
Mail List Manager Interface  
Terminus  
TypeFace  
Vigil  
Word Juggler

**Quest Design, Inc.**

1555 Park Ave, Suite D  
Emeryville, CA 94608  
(415) 547-3748

Quest Audit Control  
Quest Charged-Off Loan Accounting  
Quest Document Control  
Quest Loss Control  
Quest Records Retention  
Quest Supplies Manager  
Quest Suspense Control

**RCCC Software Orders**

1616 P St, Ste 400, NW  
Washington, DC 20036  
(202) 797-5277

LTL Costing Software

**Remarkable Films Limited**

c/o Heritage Systems, Inc.  
10011 N. Foothill Blvd, #101  
Cupertino, CA 95014  
(408) 720-0115

The Film Management System

**Reveal Software, Inc.**

380 N. Broadway  
Jericho, NY 11753  
(516) 935-2000

Reveal

**Ridgeware**

10432 Parliament Ave  
Garden Grove, CA 92640  
(714) 636-5737

Data Base ///

**Santa Clara Systems, Inc.**

560 Division St  
Campbell, CA 95008  
(408) 374-6972

HOBBYIST-5  
Mini-Mega Series 5 1/4" Fixed/3.9"  
Removable Subsystems  
SCS-10R  
40  
120  
510/F

**Scenic Computer Systems Corp.**

12314 Scenic Dr  
Edmonds, WA 98020  
(206) 745-6804

Sprinter Text Formatter

**Shanali Software, Inc.**

171 S. Livingston Ave  
Livingston, NJ 07039  
(201) 992-9132

Retail Subdividing Inventory System

# VENDOR ADDRESSES

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## Vendor

## Product

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**Small Business Computer Systems**

3815 Adams St  
Lincoln, NE 68504  
(402) 467-3591

Agri-Ledger

**Smartware**

2281 Cobble Stone Ct  
Dayton, OH 45431  
(513) 426-3579

Graf-Pak

**Soft-Life Corporation**

2950 Los Feliz Blvd, Ste 103  
Los Angeles, CA 90039  
(213) 660-7940

Attach.Driver

**Software Publishing Corp.**

1901 Landings Dr  
Mt. View, CA 94043  
(415) 962-8910

DataSaver  
PFS:FILE  
PFS:GRAPH  
PFS:REPORT  
PFS:SCHOOL ADMINISTRATOR

**Solutions, Inc.**

13 State St  
P.O. Box 989, Dept 27  
Montpelier, VT 05602  
(802) 229-0368

DJ  
Fast Transfer  
REPORT  
SORT

**SSR Corporation**

1600 Lyell Ave  
Rochester, NY 14606  
(716) 254-3200

INFOTORY

**State of the Art**

3183-A Airway Ave  
Costa Mesa, CA 92626  
(714) 850-0111

State of the Art (Accounting System)

**Suave Ideas**

1328 Solita Rd  
Pasadena, CA 91103  
(818) 794-9342

Suave WPL Programs

**Sun Data**

851 North Main St  
Logan, UT 84321  
(801) 752-7631

Easyterm ///  
Fontwriter  
Infonet 2.0  
Printer Driver ///  
Pscreen  
SOStran  
TAP (Telephone Access Program)

**Sun Software**

P.O. Box 189  
Tustin, CA 92680  
(714) 559-1390

Fig Factory

**Sunspot**

8100 Mountain Road Place NE  
Suite 207-B  
Albuquerque, NM 87110  
(505) 255-6500

Sunspot Broadcast System

# VENDOR ADDRESSES

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## Vendor

## Product

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**Swafford Engineering**

1330 Cassland Ct  
San Jose, CA 95133  
(408) 923-9250

Apple /// Game I/O

**Swearingen Software**

6312 W. Little York, #197  
Houston, TX 77088

Pick That Tune (Apple /// Version)

**Swenson Associates**

45 Newberg St  
Boston, MA 02116  
(617) 267-3632

CustomFont

**TAASCOM**

190 Serena Wy  
Santa Clara, CA 95051  
(408) 249-7353

CALENDAR-PAK ///

**Tamarac Systems, Inc.**

9125 East Floyd Ave  
Denver, CO 80231  
(303) 696-1099

Employee Application System (EAS)  
THE TAMARAC SCHOOL SYSTEM

**Tipnis Associates**

P.O. Box 42001  
Cincinnati, OH 45242  
(513) 791-3805

Computer Aided Manufacturing  
System  
Cost Effective Shape Technology

**TRILOG, Inc.**

1700 Market St  
Philadelphia, PA 19103  
(215) 564-3404

Micro Lump Sum Payments  
Microshare  
Microshare ESOP System  
Microshare Profit Sharing  
Microshare Register  
Microshare Wills/New Business  
System  
Microtrust

**TSC/Houghton-Mifflin**

P.O. Box 683  
Hanover, NH 03755  
(603) 448-3838

Guidance Information System  
TSC Total Accounting System  
Where the Jobs Are (1984)

**TSK Electronics Corporation  
(Taxan)**

18005 Courtney Ct  
City of Industry, CA 91748  
(818) 810-1291

TAXAN RGBvision I and II

**Viking Associates**

P.O. Box 263  
Colorado Springs, CO 80901  
(303) 632-7004

3270 BISYNC  
3780 BISYNC

**Vining Sparks Micro Software**

889 Ridge Lake Blvd  
Memphis, TN 38119  
(800) 238-3357

Vining Asset/Liability Management  
System  
Vining Bond Swap System

# VENDOR ADDRESSES

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## Vendor

## Product

---

**VisiCorp**  
2895 Zanker Rd  
San Jose, CA 95134  
(408) 946-9000

Desktop/Plan ///  
VisiCalc Advanced Version  
VisiCalc ///  
VisiSchedule

**Wadsworth Professional Software**  
The Statler Bldg  
20 Park Plaza  
Boston, MA 02116  
(800) 322-2208

StatPro

**Wall Street Consulting Group**  
19 Prospect St  
South Orange, NJ 07979  
(201) 762-6652

Asset/Liability Management System  
Automated "Repo" System  
Bond Pac  
Money Desk Management System  
Security Safe-Keeping  
Stock Pak

**W.O.S. Data Systems**  
P.O. Box 744  
455 Austin  
Colby, KS 67701  
(913) 462-8196

WIMS Fund Accounting System

**X-Comp**  
3554 Ruffin Rd S.  
San Diego, CA 92123  
(619) 573-0077

16 Megabyte/10 Megabyte Hard Disk  
Subsystem

**XLNCAP**  
8163 N. Armstrong  
P.O. Box 1328  
Clovis, CA 93613  
(209) 297-7760

AGRICAP

# INTERNATIONAL VENDOR ADDRESSES

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## FRANCE

## Vendor

## Product

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**AESULAPPLE**  
4, rue de Richebourg  
72000 LE MANS  
Tél. : (43) 24.97.80

**APPLE SEEDRIN**  
Avenue de l'Océanie  
Z.A. Courtaboeuf - BP 131  
91944 LES ULIS CEDEX  
Tél. : (6) 928.01.39  
Télex : 692719

# INTERNATIONAL VENDOR ADDRESSES

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## FRANCE

### Vendor

### Product

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**CMF ELECTRONIC**

74, rue Couvaloux  
91150 SURESNES

**DELTASOFT**

29, boulevard Gambetta  
38000 GRENOBLE  
Tél. : (76) 87.98.27

**DIALOGIC**

70, boulevard Magenta  
75010 PARIS  
Tél. : (1) 206.53.20

**DIF ELECTRONIC**

71, rue du Camp de Droite  
62200 BOULOGNE S/MER  
Tél. : (21) 30.79.46  
(21) 30.75.68

**DPR FRANCE**

103, boulevard National  
2500 RUEIL MALMAISON CEDEX  
Tél. : (1) 708.36.109  
Télex : DPR 202514

**ESOP**

86, avenue de Breteuil  
75015 PARIS  
Tél. : (1) 567.35.21

**HGA INFORMATIQUE**

Hector-Griveaud Associés  
4, rue de Londres  
75009 PARIS  
Tél. : (1) 282.05.10

**IDEES INFORMATIQUE**

BP 193  
Port Olona  
85105 LES SABLES D'OLONNE  
Tél. : (51) 95.19.47

**IMAGOL INFORMATIQUE**

1 et 5, rue Gutenberg  
75015 PARIS  
Tél. : (1) 577.59.39

**KA L'INFORMATIQUE DOUCE**

212, rue Lecourbe  
75015 PARIS  
Tél. : (1) 533.13.50  
Télex : 205573 KADOUCE

**LES ANNEES NOUVELLES**

70, rue du Javelot  
75645 PARIS CEDEX 13  
Tél. : (1) 584.21.25

# INTERNATIONAL VENDOR ADDRESSES

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## FRANCE

### Vendor

### Product

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#### **MEMSOFT**

3, rue Meyerbeer  
06000 NICE  
Télex : 461916 MISNICE

#### **METROLOGIE**

4, avenue Laurent Cély  
92606 ASNIERES CEDEX  
Tél. : (1) 790.62.40  
Télex : 611448

#### **MICROGES**

30, boul

#### **S**

B.P. 21-07  
75327 PARIS CEDEX 07  
Tél. : (1) 705.09.04

#### **SOFTENE**

130, rue de la Pompe  
75116 PARIS CEDEX  
Tél. : (1) 553.60.61

#### **SONOTEC**

41-45, rue Galilée  
75116 PARIS  
Tél. : (1) 723.78.56  
Télex : 611423

#### **SP ORDINATEURS**

Rue des Bosquets  
31190 LAGARDELLE SUR LEZE  
Tél. : (61) 08.30.41

#### **3 T (TELEMATIQUE - TELECOMMUNICATIONS - TELEX)**

103, bld National  
92500 RUEIL MALMAISON  
Tél. : (1) 708.36.10

#### **VIDEO-SOPHIA**

2208, Route de Grasse  
06600 ANTIBES  
Tél. : (93) 74.77.31  
Télex : 461457 F

# INTERNATIONAL VENDOR ADDRESSES

## GERMANY

### Vendor

### Product

**Apple Computer Marketing GmbH**  
Freischutzstrasse 92  
8000 Munchen 81, West Germany  
(49-89) 95940 Telex 5213261

ACCESS///  
APPLEWRITER  
BUSINESS GRAPHICS  
QUICKFILE  
VISICALC

**A.D.I.**  
Bunsenstrasse 22  
7500 Karlsruhe, West Germany  
(49-721) 817621

PROFIT ///

**Bense KG Computersysteme**  
Dieselstrasse 10-12  
4420 Coesfeld 1, West Germany  
(49-2541) 5231

ADRESSER  
B-LOHN  
FAKT  
FIPAS  
FRED  
SYSTEM B

**Bittronic GmbH**  
Bundesalle 81  
1000 Berlin 41, West Germany  
(49-30) 8529031

UNIVERS  
Bremer Software Dienst GmbH  
Tiefer 10  
2800 Bremen, West Germany  
(49-421) 320450

BAUFINANZ  
BSD ERSTERWERBER  
BSD ZWISCHENKREDIT

**Computerware**  
Wilhelm Leuschner Strasse 8  
6000 Frankfurt, West Germany  
(49-611) 236716

CATALYST  
WORDJUGGLER

**DATASYS GmbH & Co KG**  
Emanuel Lentze Strasse 17  
3405 Rosdorf 1, West Germany  
(49-211) 594054

FAHRSCHULE

**Dietmuller Ges.m.b.H.**  
Paulanergasse 3/2  
1040 Wien, Austria  
(43-222) 654596

ARCHITEKT ///  
FIBU ///

**GVR Datenverarbeitung**  
Schluterstrasse 1  
4000 Dusseldorf 1, West Germany  
(49-211) 664530

GVR-FAKTUR  
GVR-FIBU  
GVR-LAGER  
TRANSFILE

**IMT**  
Oberes Daunfeld 9  
5568 Daun/Eifel, West Germany  
(49-6592) 3629

APIS-A, APIS-K, APIS-P, APIS-V  
FAGUS  
PINUS-R2S, PINUS-R2, PINUS-TR

**KHB GmbH**  
Theodor Heuss Strasse 21  
5840 Schwerte-Geisecke, West  
Germany  
(49-2304) 45055

KHB-AMS

# INTERNATIONAL VENDOR ADDRESSES

## GERMANY

### Vendor

### Product

**Christian Lange**  
Steinflurweg 1 a  
3405 Rosdorf 1, West Germany  
(49-551) 782266

MENU  
WPL ///

**Ohnimus**  
Am Sande 16  
2120 Luneburg, West Germany  
(49-4131) 401910

AUFTRAG  
BUCHH  
FAKTU

**Schwanzler und Fruh Microcomputer**  
Walter-Rauch-Strasse 6  
7440 Nurtigen, West Germany  
(49-7022) 31711

APRO  
VIDEO

**Servonic**  
Lilienstrasse 42  
8000 Munchen 80, West Germany  
(49-89) 483253

SERVOS  
SERVOS-EH  
SERVOS-FAK  
SERVOS-FIBU  
SERVOS-LAGER  
SERVOS-OPEL  
SERVOS-ORGANISATION  
SERVOS-VK

**S.plus GmbH**  
Woltmershauser Strasse 166  
MISCHA  
2800 Bremen 1, West Germany  
(49-421) 547262

DEBITOREN FAKT FIBU  
MIKA MIPREIS

**Teach Computer**  
Siemensstrasse 22  
7257 Ditzingen, West Germany  
(49-7156) 5071

ANLA ///  
ARFA ///  
BEBU I  
FIBU ///  
LOHN ///

**Technosoft GmbH**  
Grosshesseloher Strasse 21  
8000 Munchen 71, West Germany  
(49-89) 7912194  
TECHNOSOFT

## GREAT BRITAIN

### Vendor

### Product

**Advanced Quality Software**  
Norwich  
(0603) 26952/26002

Antique Dealer  
DataFax  
Property Management

**Blyth Computers Ltd.**  
Halesworth  
(050270) 371

Omnis Management

# INTERNATIONAL VENDOR ADDRESSES

## GREAT BRITAIN

### Vendor

### Product

**Datatech**  
Eastbourne  
(0323) 36268

Contract Costing System

**Datron Software Ltd.**  
Sheffield  
(844) 589876

Video Library Manager

**Deverill Computer Services Ltd.**  
Blanford Forum  
(0258) 53634

Payroll ///  
Scholar ///

**Dewco Info Systems**  
Bristol  
(0272) 23352

Accountants Time and Cost  
Recording  
Accounts Preparation System

**G & M Management Services**  
Southampton  
(0703) 30664

Acclaim General Ledger  
Acclaim Purchase Ledger  
Acclaim Sales Ledger  
HACS- Hotel Accounting System

**Jarman Systems**  
Tring  
(044282) 6841/2/3

Nominal Ledger System  
Payroll/Personnel System  
Purchase Accounting System  
Sales/ Accounting System  
Stock Recording System

**Local Business Technology**  
Wormley  
(09924) 66157

Solicitor's Accounting ///

**MDA Computer Systems**  
Evesham  
(0386) 48240

Production Planning Systems

**Microtechnic Computer**  
Middlesborough  
(0642) 221501

Dentist's Diary Module

**MSS Computer and Business**  
Worthing  
(0903) 34755

Accounts Incomplete Records System  
Materials Requirements Planning  
Production Control Sytem  
Stock Recording and Control

**Ormskirk Computer Services**  
(0695) 77043/4  
Ormskirk

Beta Data Base System  
Ormbeta Membership System  
Ormbeta Bar/Food Stock Control  
System  
Ormbeta Product Invoicing System  
Ormbeta Purchase Ledger System  
Ormbeta Sales/Purchase Ledger  
System  
Ormbeta Stock Control  
Ormbeta System  
Profile Backup 'Backup Restore'

# INTERNATIONAL VENDOR ADDRESSES

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## GREAT BRITAIN

### Vendor

### Product

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**P.E. Consulting Group**  
Egham  
(0784) 34411  
Personal Filing System

MicroFINESSE  
London  
(01) 377-1200

**Ram Computer Services Ltd.**  
Bradford  
(0274) 3391166

Financial Management

**Systemics Ltd.**  
Harrow  
(01) 863-0079  
(01) 422-3476

Club Membership Package  
Literature Search Package

**Vlasak Computer Systems**  
High Wycombe  
(0494) 448633

Orbit General Ledger  
Orbit Purchase Ledger  
Orbit Sales Ledger  
Orbit Stock Control

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## HOLLAND

### Vendor

### Product

---

**ABECON B.V.**  
Schokkinglaan 3  
1272 JS Huizen, Netherlands  
(31-2152) 50500

AAS  
ABRAVO  
AFAS (CR, DB, FK, GB, SL, VR)  
ALAS  
URS  
WERKVOORBEREIDING

**APPLE COMPUTER MARKETING  
B.V.**  
Huis ter Heideweg 50  
3705 LZ Zeist, Netherlands  
(31-3404) 23234 Telex 70558

ACCESS ///  
APPLEWRITER  
BUSINESS GRAPHICS  
QUICKFILE  
VISICALC

**D.M. COMPUTERS A.B.C. B.V.**  
Lorentzplein 62  
2522 EG Den Haag, Netherlands  
(31-70) 988449 Telex 32789 DMABC  
NL

ALAS  
B.A.S.  
D.M.  
K.B.A.S. L.B.A.S. V.L.A.S.  
P.B.A.S.POKA  
N.A.W.  
TEKSTVERWERKER

# INTERNATIONAL VENDOR ADDRESSES

## HOLLAND

### Vendor

### Product

**HERMES ISO B.V.**

Koperweg 35  
2401 LH Alphen aan de Rijn,  
Netherlands  
(31-1720) 35079

FARMAS  
FINANCIEEL PAKKET  
LKADMIN

**MEDICOM**

Postbus 2070  
2800 BE Gouda, Netherlands  
(31-1820) 35060 Telex 32412 TESH NL

DOCSYS  
MEFIN-  
GROOTBOEKADMINISTRATIE

**MUTSAARS AUTOMATISERING**

Boterbloemstraat 18  
5482 ME Schijndel, Netherlands  
(31-4104) 74010

ADRAS  
BALAS  
FINAS  
RESAS  
SALAS  
VOWAS

**OSCAR DATA**

Middenlaan 3  
3768 MH Soest, Netherlands  
(31-2155) 21908

OA-I  
PROSA

**VLASVELD COMPUTERS**

Morsweg 21  
2312 AA Leiden, Netherlands  
(31-71) 120848

LEERLING INFORMATIE SYSTEEM  
VLASVELD (LISV)

## ITALY

### Vendor

### Product

**APPLE COMPUTER S.P.A.**

MILANOFIORI, PALAZZO Q8  
20089 ROZZANO, MILANO, ITALY  
(39-2) 824-2156

APPLEWRITER  
BUSINESS GRAPHICS  
QUICKFILE  
VISICALC

**INFORMATICA BIELLA S.A.S.**

PIAZZA SAN PAOLO 1  
13100 BIELLA (VC), ITALY  
(39-15) 29875

CONTABILITA' SEMPLIFICATA  
MULTIAZIENDALE

**INFORMATICA MOLISANA**

VIA XXIV MAGGIO 185-187-189  
86100 CAMPOBASSO, ITALY  
(39-874) 63658

GESTIONE AGENZIA DI  
ASSICURAZIONE

**LOGICA**

VIA MANTEGAZZA 2  
20052 MONZA (MI), ITALY  
(39-39) 384789

PROCEDURE INTEGRATE DI  
GESTIONE AZIENDALE

# INTERNATIONAL VENDOR ADDRESSES

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## ITALY

### Vendor

### Product

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**MEMOR INFORMATICA**  
VIA TOGLIATTI 4  
56030 PERIGNANO (PI), ITALY  
(39-587) 616084

AMMINISTRAZIONE PICCOLI  
CONDOMINI  
ANALISI DEI PREZZI (SETTORE  
EDILIZIA)  
GESTIONE ANAGRAFE E  
CERTIFICAZIONE PER COMUNI  
GESTIONE UFFICIO ELETTORALE  
COMUNALE

**SI.GE**  
VIA C. ABBA 2  
38100 TRENTO, ITALY  
(39-461) 985109

CONTABILITA' GENERALE  
FATTURAZIONE  
MAGAZZINO

**SOFTEL INFORMATICA S.N.C.**  
VIA VITTORIO VENETO 163  
32100 BELLUNO, ITALY  
(39-437) 29172

ARCHIVIO DOCUMENTI E  
BIBLIOTECHE

## ICON

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## AUSTRALIA

### Vendor

### Product

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**Associated Computer Services Pty.  
Ltd.**  
184 Prospect Road  
Prospect, SA 5082  
Telephone: (08) 44.6655  
Contact: Steve Hall

**Clarke Computer Services**  
165A Gipps St  
Dubbo, NSW 2830  
Telephone: (06) 882.4370  
Contact: Harley Clarke

**Consolidated Software Development  
Pty. Ltd.**  
110 Pacific Highway  
North Sydney, NSW 2060  
Telephone: (02) 922.2744  
Contact: Gerry Clark or Tony Storry

**NETCOMM (Aust) Pty. Ltd.**  
8/33 Ryde Road  
Pymble, NSW 2073  
Telephone: (02) 498.5577

# ICON

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## AUSTRALIA

### Vendor

### Product

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**Seahorse Computers Pty. Ltd.**

10 Mitchell Street  
Camden, NSW, 2570  
Telephone: (04) 666.6406  
Contact: Nick Dunn

**Six "S" Business Advisory Pty. Ltd.**

P.O. Box 1220  
Geelong, Vic 3220  
Telephone: (05) 222.4311  
Contact: Andrew Clarkson

**Stemsoft**

4/16 Wyndam Street  
Heston, QLD 4006  
Telephone: (07) 52.5397  
Contact: Trevor Smith

**Surfway Software**

P.O. Box 61  
Sussex Inlet, NSW 2540  
Telephone: (04) 441-2679

**Syntax Systems**

21 Hindmarsh Square  
Adelaide, SA 5000  
Telephone: (08) 223.2680  
Contact: Chris Howells or Tim Kitto

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## MALAYSIA/ ASEAN AREA

### Vendor

### Product

---

**D.E. Computer Sdn. Bhd.**

23A, Jalan Jejaka 7  
Taman Malui, Jalan Cheras  
Kuala Lumpur, Malaysia  
Telephone: 03-481-889/03-414179  
Telex: DECOMP MA 30118  
Contact: Mr. Tony Lee

# ICON

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## PERU

### Vendor

### Product

---

**Nahum Tinman**  
Miguel Iglesias 2124  
P.O. Box 1380  
Lima, 1, Peru  
Telephone: 711706 ANEX 115-234  
Contact: Mr. Nahum Tinman

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## SAUDI ARABIA

### Vendor

### Product

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**Jeraisy Computer Services**  
P.O. Box 317 (facing Water Tower)  
Riyadh, 11411, Saudi Arabia  
Telephone: 405-5558  
Telex: 201113 JRAOSU SJ  
Contact: Mr. A. Ahmad

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## SOUTH AFRICA

### Vendor

### Product

---

**Computer Tutor CT**  
Shop 15, Fountain Shopping Centre  
Rondebosch 7700  
South Africa  
Telephone: 021-698161  
Contact: Gaynor Darney

**Trident Computer Products**  
P.O. Box 96540  
2092 Brixton  
South Africa  
Telephone: 839-1754  
Contact: Mr. Tom Maree

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## TAIWAN

### Vendor

### Product

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**Excellent Electronic Co. Ltd.**  
Room 1301, Wing on Investment Bldg.  
343-349 Nathan Road  
Kowloon, Hong Kong  
Telex: 39013 EXLEC HX  
Contact: Peter Poon



**Apple Computer, Inc.**  
20525 Mariani Avenue  
Cupertino, California 95014  
(408) 996-1010  
TLX 171-576