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# **Software Review Program**

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## **Directory of Reviewed Software**

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**APRIL 1, 1983**

**Radio Shack®**  
A DIVISION OF TANDY CORPORATION

OUTSIDE SOFTWARE SUPPORT GROUP  
1300 ONE TANDY CENTER  
FORT WORTH, TEXAS 76102



### FUTURE UPDATE NOTIFICATION

The "Directory of Reviewed Software" (FC0-3015) is a listing of software product evaluations that have been reviewed by the Outside Software Support Group. You will receive additional evaluations at least once a month to insert in the Directory. The software contained herein is only for referral purposes for customers interested in software not currently marketed by Radio Shack. If a customer is interested in a product listed, please recommend that he/she contact the vendor directly. Please be sure that store personnel and customers read and understand the Radio Shack Directory of Reviewed Software NOTICE.

**IMPORTANT:** Please complete the form below with the information requested to be sure you receive future product evaluation updates.

(Check one)

Computer Center <\_>      or      Computer Department <\_>

Other (please specify) \_\_\_\_\_

(Please print legibly)

Store No. \_\_\_\_\_

Manager Name \_\_\_\_\_

Phone No. \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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OUTSIDE SOFTWARE SUPPORT GROUP  
DIRECTORY OF REVIEWED SOFTWARE  
1300 ONE TANDY CENTER  
FORT WORTH, TEXAS 76102

Update version: April 1, 1983

DIRECTORY OF REVIEWED SOFTWARE

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The software packages listed herein have been examined by Radio Shack for operation and general conformity with the descriptions provided by the independent vendors. By listing such software in the Directory, Radio Shack makes no representation, evaluation, endorsement, recommendation or warranty (expressed or implied) of the software package. Language appearing with the various listings which describes or comments upon the application, use or operation of the software shall not constitute a representation or warranty by Radio Shack that the software is merchantable and/or fit for any particular purpose.

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## INTRODUCTION

The Directory of Reviewed Software is assembled for the sole purpose of listing products offered by Independent Vendors for TRS-80 users. Independent Vendors were required to meet criteria in many areas to even be considered for listing. The software was examined for any immediate problems. The software and documentation adequately allowed powerup within a short time period. In most cases, current users of the software listed were contacted for reference purposes. This Directory will be periodically updated with software listings. Independent Vendors not listed may only indicate that we have not examined their software at this time. The categories listed in the descriptions are defined as follows:

<b>OVERVIEW</b>	This is a brief description of the target market characteristics and some of the main functions that the software performs. Some of the comments made by users contacted are generalized and in certain cases, the extent of user knowledge for operating the software is listed.
<b>FEATURES</b>	Features listed are the categorical functions of the software. Options available in the software, or services provided by the Independent Vendor may also be listed.
<b>REQUIREMENTS</b>	Within the requirements category, the minimum Radio Shack hardware configurations are listed. Other hardware may be listed that enhance or compliment the software.
<b>CAPACITY</b>	The total data storage available with minimum hardware and extra storage available through additional storage devices.
<b>PRICE</b>	This is the cost of software as quoted by the Independent Vendor at the time the software was examined. The final prices and terms must be arranged by the customer and the Independent Vendor.
<b>RATING</b>	The Rating is based on a scale from one to five, with five being the highest. A five star rating is given for exceptional software, documentation, user comments, and Independent Vendor service. A one star rating is given for software products that are average and sufficiently perform the task described. Please remember that the Rating assessed is only a method of ranking. Independent Vendors must meet high standards to even be considered for listing.

Addresses and phone numbers are listed for each Independent Vendor. Contact should be made with the Independent Vendor when interested in software listed.

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2	Agriculture
3	Education
4	Engineering/Science
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6	Home Management
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8	Programming Aids
9	Special Interest
10	Vertical Markets

**OVERVIEW**

Client Write-Up System is a General Ledger and Payroll package all rolled into one for the accountant that wants an efficient means of automating his client write-up work. Regular transactions, payroll transactions, and journal entries are entered through the same program. Thus, the payroll disbursements can be entered in sequence if they occurred within the regular disbursement. General ledger transactions are checked when entered for validity of the account. Payroll transactions are checked when entered for validity of the employee number and for verification that the net pay is correctly computed. All entries are checked to ensure that they are in balance. Multiple entry modes are provided which enable you to choose to enter a data field, automatically duplicate the field or automatically skip it. Amounts are entered in the same manner as on an adding machine. Entries can be posted directly to a prior month without a prior period rerun. Standard journal entries can be automatically entered by the system.

**FEATURES**

- Flexible statement formats
- Comparative & budgetary statements
- Statement in changes of financial position
- Departmentals; subscheduling
- Integrated payroll with 941 worksheets, W-2's, 1099 forms
- Automatic gross profit, inventory & income tax adjustments
- Automatic input of recurring entries

**REQUIREMENTS**

- Model II with 64K RAM and a one drive expansion bay
- Printer with 80-column capacity per line

**CAPACITY**

- Number of clients unlimited, they can be put on different floppy disks
- 2,400 general ledger transactions can be entered at a single time
- A client can have up to 600 general ledger transactions on file and process up to 200 payroll transactions for any period.

**FOR FURTHER INFORMATION CONTACT**

Creative Solutions Inc.  
1945 Pauline Blvd., Suite 15A  
Ann Arbor, MI. 48103  
(313)995-8811

**PRICE**  
\$1195.00

**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

The MSS Client Accounting System is designed for the Accounting professional who is looking for a computer program to help stream line his work, and do job batch processing. The system offers the ability to do multi-client and/or multi-company processing. MSS Client Accounting System offers a variety of reports that an accountant might need. Comparative Balance Sheet and Three Year Income Statement, Source of Applications of Funds, Schedule of Working Capital, Changes in Financial Position, Transaction Journal, Trail Balance and Working Trail Balance, and a Chart of Accounts. MSS Client Accounting System also provides up to 999 user defined account numbers per client, hash totals on transactions, prior period adjustments, user defined optional balance sheet exhibits, and unlimited subtotals on all financial statements.

**FEATURES**

- Consolidated Statements
- Multi-Client and/or multi-companies
- Three year comparative income statements
- Two years of historical balances
- Unlimited subtotals on financial statements

**REQUIREMENTS**

- A TRS-80 Model II 64K Ram with a 1 to 3 disk drives expansion bay or a hard disk drive
- A printer capable of printing at least 120 print positions (the DMP-500 catalog # 26-1252 is recommended)

**CAPACITY**

- Model II with floppy disk drive will handle up to 10 clients per floppy disk set and 999 user accounts per client.
- Model II with hard disk drive unit can handle up to 80 clients per hard disk and 999 user accounts per client.

**FOR FURTHER INFORMATION CONTACT****PRICE**

Rowlette Enterprises, Inc.  
213 South Maple  
Eldon, Missouri 65026  
(314) 392-5876

Starts at \$595.00  
thru \$2,495.00

**RATING**  
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Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

The Creative Solutions, Inc. Federal 1040 Tax System is written for the professional accountant who prepares a moderate to high volume of tax returns. To facilitate efficient data entry, the data entry screens coincide exactly with the input sheets provided for all tax forms processed. The System normally accommodates several accountants preparing input sheets for data entry by one or more operators. However, the accountant may also enter the data directly during an interview with a taxpayer. By performing tax computations after complete data entry, the system greatly reduces data entry time and simplifies the entry process so that the accountant does not have to be concerned with the effects of changes. The system generates annual proforma data sheets which can also serve as input sheets. All prior year information applicable to the new year is carried forward and printed on the new year input sheets. The system can process clients singly or in batches of up to 16. Forms may be printed on: federal preprinted forms, lined white paper with the computer generating the forms, or blank stock to be used with plastic overlays.

**FEATURES**

- Prepares the following schedules and forms:  
Schedules-A, B, C, D, E, F, G, R, RP, SE, W  
Forms-1040,1040ES,1116,2106,2119,2210,2441,3468,3903,4136,  
4255,4562 facsimile,4625,4797,4835,4972,5695,5884,6251,6252
- Prints on preprinted, computer-generated and overlay forms
- Automatic lowest tax alternatives computed
- Integrated depreciation calculations
- System prepares invoices using forced amounts or rate sched.
- Integrated state returns available for MI,OK,NC,IL,IN,CA

**REQUIREMENTS**

- Model II with 64K RAM and a one drive expansion bay
- Printer with 80 column capacity per line, at a density of 10 characters per inch

**CAPACITY**

- Sixteen clients per data disk
- Up to nine different rental units on Schedule E
- Three different Schedule C's

**FOR FURTHER INFORMATION CONTACT**

Creative Solutions, Inc.  
1945 Pauline Blvd. Suite 15A  
Ann Arbor, MI 48103  
(313) 995-8811

**PRICE**  
\$1095.00

**RATING**  
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**OVERVIEW**

The Asset Depreciation System is for the practicing accountant who wants to computerize the record keeping associated with the acquisition, depreciation, and disposal of a client's fixed assets. It handles 3, 5, 10 & 15 year ACRS class life assets; however, current depreciation may also be calculated using the regular declining balance or the optional straight line method. Assets being depreciated by a declining method can be automatically switched to the straight line method when advantageous. The system accounts for ACRS assets wholly or partially expensed after 1982, as well as assets having additional first year depreciation and/or salvage value. Assets acquired or disposed of during the year can be depreciated on the following treatments: actual month of transaction, half year/half year, or full year/no year. Items sold can be classified and reported based upon the appropriate IRC section. Also assets can be easily noted as sold and deleted from the system, or carried as non-depreciable memo assets on the system. Reports include various depreciation summaries, a property tax listing, a 3468 worksheet showing investment tax credits, a 4562 worksheet and a 4797 work-sheet showing gain or loss on the sale of assets.

**FEATURES**

- Computes ACRS and traditional depreciation methods from a single set of input data
- Allows the accountant to "force" depreciation for any asset
- Updated for 1983 TEFRA changes

**REQUIREMENTS**

- Model II with 64K RAM
- Printer with 132-column capacity per line
- Optional hard disk or 1-drive expansion bay for more data storage

**CAPACITY**

- Each disk can accommodate multiple clients
- Assets are put into 99 categories for general ledger grouping
- Assets can be classified in any of 99 categories for property tax returns
- Each client may have up to 600 assets

**FOR FURTHER INFORMATION CONTACT**

Creative Solutions Inc.  
1945 Pauline Blvd., Suite 15A  
Ann Arbor, MI 48103  
(313) 995-8811

**PRICE**  
\$ 350.00

**RATING**  
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**OVERVIEW**

The Annuity/Amortization program handles annuity projections as well as simple interest, sinking fund, or Rule of 78's loans. On simple interest loans, it will automatically calculate the missing fourth parameter when given any three of the following: annual interest rate, initial loan amount, number of payments, or total amount paid each period. It calculates missing parameters in a similar fashion for annuities, sinking fund loans or Rule of 78's loans. Printed schedules have annual subtotals and an unlimited number of descriptive heading lines.

**FEATURES**

- Calculates annuities, simple interest, Rule of 78's and sinking fund loans
- Loan schedules may be printed with yearly subtotals after a specified month
- Payments may be monthly, bi-monthly, quarterly, semi-annual or annual
- Schedules show actual payment dates
- Calculates interest based on either 360 or 365-day year

**REQUIREMENTS**

- Model II with 64K RAM
- Printer with 80-column capacity per line

FOR FURTHER INFORMATION CONTACT	PRICE
Creative Solutions Inc. 1945 Pauline Blvd., Suite 15A Ann Arbor, MI 48103 (313) 995-8811	\$ 50.00
	RATING ***

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

A powerful, time-saving system that eliminates tedious paperwork. Handles up to 400 accounts (depending on system size). User-defined Chart of Accounts, or Standard Chart of Accounts. User friendly data entry. System provides user with simple questions to answer with alternatives displayed on the screen. Automatic writing of debits and credits for most transactions. Data entered into the memory of the computer from one program can be automatically accessed by any of the other programs. The system is designed so that the user is required to have a minimum knowledge of accounting or computers.

**FEATURES**

- User-defined account numbers-two to seven digits
- Automatic out of balance recognition with instruction to correct
- 14 digit accuracy with totals up to 99,999,999.99
- Any number of transaction entries per month
- Any number of transaction entries per session

**REQUIREMENTS**

- Model III with 16K RAM to 48K RAM
- Cassette Recorder
- Print with at least 72 columns or greater

**CAPACITY**

- A 16K system will handle 99 general ledger accounts
- A 32K system will handle 150 general ledger accounts
- A 48K system will handle 400 general ledger accounts

**FOR FURTHER INFORMATION CONTACT**

Accounting Information Systems, Inc.  
9845 Jutland Ave.  
Northridge, CA. 91325  
(213) 349-8349

**PRICE**

\$ 39.95

**RATING**

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**OVERVIEW**

Accounting for Leases enables a Model III to assist in the accounting for Capitalized and Operating leases. The program uses U.S. Generally Accepted Accounting Principles and current tax legislation. The software will print a report showing all the expense and Balance Sheet items relevant to leases for an entire company. Reports can be generated for any given period, usually at the close of books. Periods are user defined and can be monthly, quarterly, annually, etc. This information is used to make journal entries for leases, verify account balances, produce the annual report, 10-K and 10-Q reports and footnotes to the financial statements. Separate reports for Capitalized and Operating leases are produced. Individual reports for every Capitalized lease showing the various expenses and Balance Sheet items for every period the lease is on the books are provided.

**FEATURES**

- Handles Capitalized and Operating leases.
- Can generate reports for various periods.
- Produces a listing of all the leases of the firm, showing the terms of every lease.
- Reports for every Capitalized lease showing Balance Sheet and Income statement data on a monthly, quarterly, semiannual or annual basis.
- Reports summarizing Capitalized lease information for the whole company, subsidiary or division for a given period.
- Reports showing total monthly payments for the year for all Operation leases, as well as future commitments on those leases.

**REQUIREMENTS**

- Requires a 48K Model III with at least 2 floppy diskette drives and a 132 column printer.

**CAPACITY**

- 100 leases per file. Reports can consolidate several files.

**FOR FURTHER INFORMATION CONTACT**

Tchel-Soft Inc.

1405-25 Cosburn Ave.

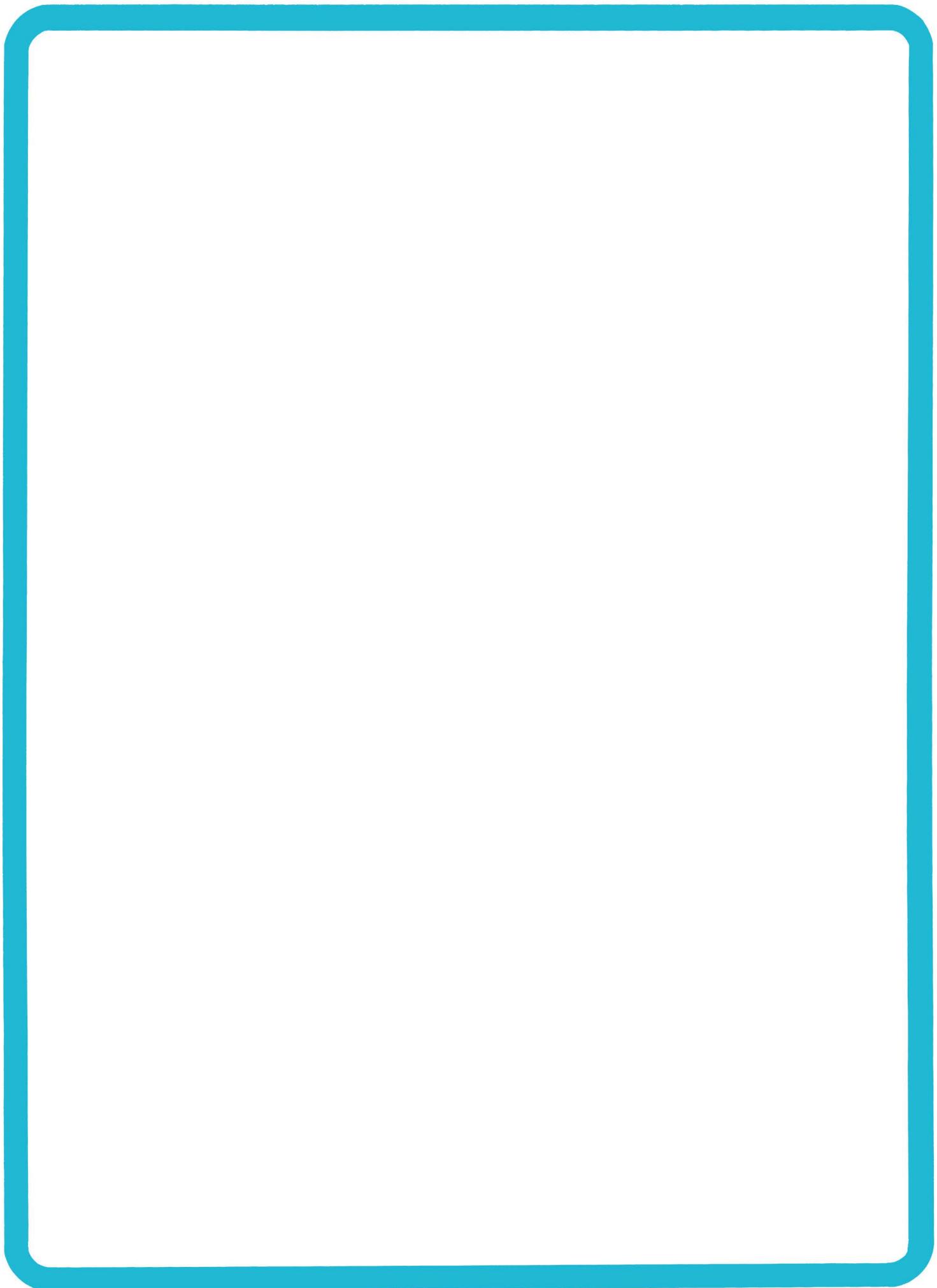
Toronto, Ontario, Canada M4K 3Y4

(416)968-1000

**PRICE**  
\$ 299.00

**RATING**  
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**OVERVIEW**

The Red Wing Agriculture General Ledger Software can help you make financial management and planning enjoyable, less time consuming and best of all, less frustrating. Gives you more time to make sound management decisions based on accurate, up-to-date information. The General Ledger system is designed in accordance with accepted accounting practices. This means that the statements produced by this system are in a format that will be recognized and accepted by a banker, an accountant, or other people that may require access to the user's financial records. This system allows the user to keep track of daily income and expense, on a monthly basis, and produce standard accounting reports. These reports include the following:

1. Complete list of monthly transactions
2. Trail Balance
3. Changes in financial position
4. Balance Sheet
5. Statement of retained earnings
6. Income Statement

A history of 18 months of actual activity is maintained for each account. This allows for a comparison of last year's activity to current year. Budgetary information may be kept for all the income and expense accounts. The accounting system is designed so that the user may keep track of individual enterprises or departments. These enterprises may be further subdivided into ownership, with up to three partners defined with each enterprise.

**FEATURES**

- 18 months of history for comparison of last year to current year
- Up to three partners per enterprise
- Designed for the Farm or Ranch

**REQUIREMENTS**

- Model II with 64K RAM or
- Model III with 48K RAM and 2 disk drives
- Printer capable of printing 80 characters per line

**CAPACITY**

- Maximum of 99 enterprises with up to 3 partners each

**FOR FURTHER INFORMATION CONTACT**  
Red Wing Business System  
P.O. Box 19  
Red Wing, MN. 550066  
(612)388-1106

**PRICE**  
\$ 500.00

**RATING**  
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**OVERVIEW**

MIXIT-2 is a software package which stores animal feed ingredient information and calculates least-cost feed mixes for all types of animals (dairy cattle, poultry, swine, dogs, sheep, goats, beef cattle, etc.). The package is designed for nutritionists, dairymen, poultrymen and managers of feed lots and feed mills, who must work with many feed ingredients and nutrients. All nutrient names, nutrient restrictions, feed ingredient data and feed ingredient restrictions are selected by the user and stored on disk. The least-cost feed mix is found by linear programming techniques.

**FEATURES**

- The composition and nutritional content of any combination of the feed ingredients (on an as fed or dry matter basis) can be examined.
- Any group of nutrients and/or ingredients can be selected and restricted.
- For a given set of ingredients and nutrients, a least-cost feed mix can be found.
- Opportunity prices of feed ingredients can be examined
- Data disks are available from vendor for beef and dairy cattle as well as feed mills.

**REQUIREMENTS**

- A TRS-80 Model I or Model III with 48K RAM and one disk drive are the minimum requirements.
- A two disk drive system and a printer is strongly recommended.

**CAPACITY**

- As many as 57 nutrient names and units such as protein (%) and Vitamin A (IU/G) can be selected and later changed.
- Several hundred feed ingredients may be used depending on disk capacity.
- Even though the program is only run with a single data disk, the program can be used with other data disks containing different ingredient and nutrient data.

**FOR FURTHER INFORMATION CONTACT****PRICE**

Agricultural Software Consultants  
1706 Santa Fe  
Kingsville TX 78363  
(512)595-1937

\$395.00

**RATING**  
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**OVERVIEW**

Farmware is a computerized records system, similar in function to a general ledger package. It is designed specifically for the farmer. It does not require a background in accounting. For easy use by the novice, no references are made to debits and credits. However, internally a double entry accounting system is used. The transactions are entered from checkbook and deposit slips (can handle non-cash transactions as well). Farmware tracks quantities (head, lbs., bushels, etc.) as well as dollars. Available reports include cash flow, income statement, balance sheet, and detail transaction register. The Farmer can build his/her own chart of accounts to fit his/her needs.

**FEATURES**

- System has the advantages of a full double entry accounting system without the use of debits and credits.
- Management reports are generated for cash receipts, cash disbursements, balance sheet, income statement, and detail transaction register.
- Income reports can be tailored to provide information on specific enterprises within the accounting system.
- FARMWARE has predefined the categories of Assets, Liabilities, Expenses, Revenue, Household Expense, Household Income. The user can define his/her own sub-categories to fit individual needs.
- All items can be assigned a budget. Farmware will all income and expenses and allow comparisons to budgeted amounts.

**REQUIREMENTS**

- Requires a 48K Model III with at least two floppy diskette drives, and an 80 or 132 column printer.

**FOR FURTHER INFORMATION CONTACT****PRICE**

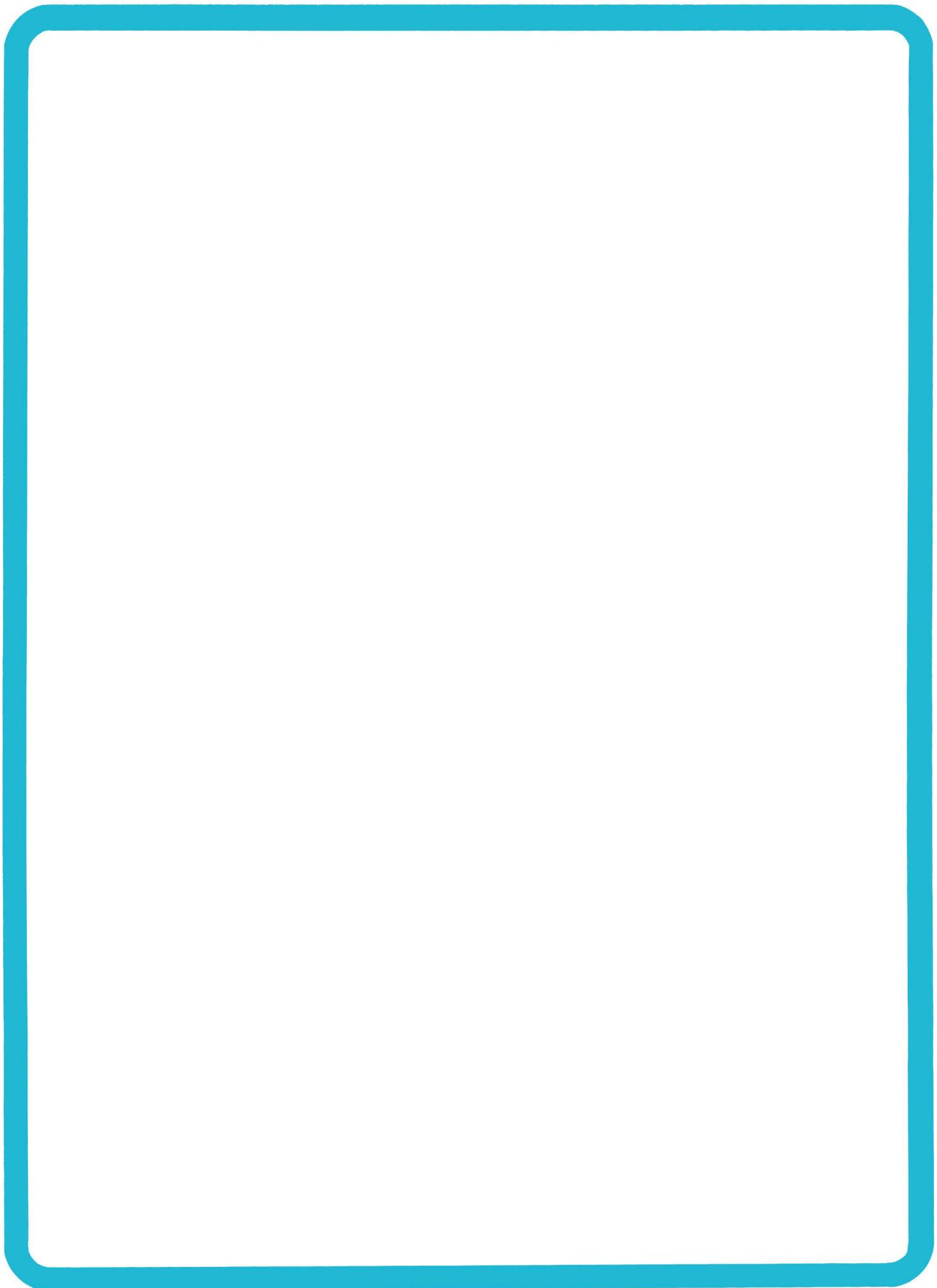
Southern Minnesota Software  
Box 2134 360 Pierce Ave.  
N. Mankato, MN. 56002-2134  
(507)345-8096

\$ 149.00

**RATING**

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**OVERVIEW**

Better View a Zoo is a delightful animated adventure in learning specifically designed for children 4-8 years of age. This product is number two in the Story Books of the Future series. The "STORYBOOK" section contains 10 screens which animate the story line, much like a computer animated picture book. The program also includes lively music and sound effects when an inexpensive speaker/amplifier is added. A "FUNTIME" section is included which entertains the child while teaching counting, the alphabet, directions, etc. Two games are purely for enjoyment only. Special effort has been made to make Better View a Zoo simple enough to operate that with preliminary help from an adult, the child can easily work on his/her own.

**FEATURES**

- Lively music and animation
- Child learns while having fun
- Operation of program geared for child's level

**REQUIREMENTS**

- A TRS-80 Model I or Model III with at least 32K RAM and one disk drive
- Radio Shack's mini-amplifier speaker (277-1008) is required in order to obtain music and sound effects

**FOR FURTHER INFORMATION CONTACT**

Storybooks of the Future  
P.O. Box 4447  
Santa Clara, CA 95054  
(415)386-5184

**PRICE**

\$24.95

**RATING**  
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**OVERVIEW**

Clock is designed to provide practice and reinforcement opportunities for children. It enables them to master the skill of telling time. A child will need some instruction prior to using this program. Children often confuse the minute hand with the hour hand, Clock provides the option of having the hour hand appear first. Then when the child is ready for it, he/she can call up the minute hand. The more advanced student can choose to have both hands appear at the same time. Another feature of Clock is the ability to make small numbers for counting the minutes appear or disappear. A beginner needs them, but the skill is not really mastered until the student can tell time without them. The computer will not accept a wrong input at any point. This lets students realize that an error has been made at the moment it happens. Since this is a practice program for a skill already taught, children are quite capable of self correcting their own errors. The graphic picture and song at the end of each lesson gives an immediate feeling of accomplishment and allows for a needed mental break. This program works well for children up to about the 3rd grade.

**FEATURES**

- The children can work at their own pace
- The children learn from their mistakes by correcting them
- Positive reinforcement with use of graphic rewards
- Visual reinforcement which helps the child remember how to solve the problem

**REQUIREMENTS**

- Color Computer with 16K RAM and Extended Basic
- Cassette Recorder

**FOR FURTHER INFORMATION CONTACT**

B5 Software  
1024 Bainbridge Place  
Columbus, Ohio 43228  
(614)276-2752

PRICE
\$ 24.95

RATING
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**OVERVIEW**

Foreign Language Baseball makes learning a foreign language fun by using the sound and graphics capabilities of the Color Computer. One version contains 200 common English words and their French translations (Spanish and Italian also available). The player is given an English or French word and asked to supply the corresponding translation. An incorrect answer is counted as an "out", and correct answers can yield anything from a base hit to a home run. A graphic display of the baseball diamond and score are presented throughout the game. The program can be modified by the user to contain additional words in French or another foreign language.

**FEATURES**

- Available in French, Spanish or Italian.
- Program can be modified by user to expand or change vocabulary.
- Uses sound and graphics capabilities of the Color Computer.

**REQUIREMENTS**

- 16K Standard or 16K Extended BASIC Color Computer with cassette storage (can be used on Disk based systems).

**CAPACITY**

- Can be used on 32K machines for expanded vocabulary

**FOR FURTHER INFORMATION CONTACT****PRICE**

Computer Island  
227 Hampton Green  
Staten Island NY 10312  
(212)948-2748

\$9.95

**RATING**

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**OVERVIEW**

Money was designed to provide practice lessons so children can master the skill of counting money. This program arranges computer drawn graphic coins in a consistent manner of descending order. This is a helpful feature for children. They often have no way of organizing the coins before counting and then while counting become quite confused. The computer will not accept a wrong answer at any point. This gives the student immediate feedback at the point of error and gives the child an opportunity of self-correcting any mistakes. This fosters independence. The graphic reward provides the student with a mental break. When the ship gets to the moon the child feels successful. Seeing the rocket ship crash is humorous and children are motivated to try again. Money runs smoothly in a classroom and requires little teacher attention. Students up to about the 3rd grade move from this program to counting real coins quite successfully.

**FEATURES**

- The children can work at their own pace
- The children learn from their mistakes by correcting them
- Positive reinforcement with use of graphic rewards
- Visual reinforcement which helps the child remember how to solve the problem

**REQUIREMENTS**

- Color Computer with 16K RAM and Extended Basic
- Cassette Recorder

**FOR FURTHER INFORMATION CONTACT****PRICE**

B5 Software  
1024 Bainbridge Place  
Columbus, Ohio 43228  
(614)276-2752

\$ 19.95

**RATING**  
\*\*\*\*

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**OVERVIEW**

This program was designed to give students the opportunity to practice Mathematical problems requiring regrouping. The computer reinforces the correct procedure for doing the algorithms by having blocks appear over the numerals which must be changed. The new numerals are put in the blocks while the old numerals are slashed out. This provides a visual reinforcement which helps the student remember how to solve the problem even when using paper and pencil. The computer will not accept a wrong input at any point. The student finds out immediately that an error was made. Since this is a practice program children need the opportunity to realize an error was made as soon as it happens. The child may correct it, and learn from the mistake. Self correcting also fosters confidence. The happy face for each correct answer provides immediate positive reinforcement. These programs require little adult monitoring in a classroom. They provide students up to about the 5th grade with a fun way to practice regrouping problems in subtraction.

**FEATURES**

- The children can work at their own pace
- The children learn from their mistakes by correcting them
- Positive reinforcement with use of happy face and other graphics rewards
- Visual reinforcement which helps the child remember how to solve the problem even when using paper and pencil

**REQUIREMENTS**

- Color Computer with 16K RAM and Extended Basic
- Cassette Recorder

**FOR FURTHER INFORMATION CONTACT****PRICE**

B5 Software  
1024 Bainbridge Place  
Columbus, Ohio 43228  
(614)276-2752

\$ 19.95

**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

This program was designed to give students the opportunity to practice Mathematical problems requiring regrouping. The computer reinforces the correct procedure for doing the algorithm by having blocks appear over the numerals which must be changed. The new numerals are put in the blocks while the old numerals are slashed out. This provides a visual reinforcement which helps the student remember how to solve the problem even when using paper and pencil. The computer will, not accept a wrong input at any point. The student finds out immediately that an error was made. Since this is a practice program children need the opportunity to realize an error was made as soon as it happens. The child may correct it, and learn from the mistake. Self answer provides immediate positive reinforcement. These programs require little adult monitoring in a classroom. They provide students up to about the 5th grade with a fun way to practice regrouping problems in addition.

**FEATURES**

- The children can work at their own pace
- The children learn from their mistakes by correcting them
- Positive reinforcement with use of happy face and other graphics rewards
- Visual reinforcement which helps the child remember how to solve the problem even when using paper and pencil

**REQUIREMENTS**

- Color Computer with 16K and Extended Basic
- Cassette Recorder

**FOR FURTHER INFORMATION CONTACT****PRICE**

B5 Software  
1024 Bainbridge Place  
Columbus, Ohio 43228  
(614) 276-2752

\$ 19.95

**RATING**

\*\*\*\*

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**OVERVIEW**

Mathfact uses the computer to combine theory and practice. Children learn by moving from concrete lessons to abstract lessons. This program uses graphic blocks to illustrate each fact. Young children can count the blocks to find an answer. This provides a concrete medium. Older children can select level 2, where just the facts are presented. This provides an abstract medium. The 2 levels and 4 operations create a large grade level span. First graders can concentrate on counting the blocks to get the answer, while fifth graders can concentrate on increasing their speed. This is not just a Mathfact drill program. The number blocks can be used to help students visualize the mathematical processes of each operation. The reward game brings mental relief and also encourages logical thinking. Mathfact runs easily in a classroom. Students up to about the 5th grade learn the process of each operation and eventually memorize the facts.

**FEATURES**

- The children can work at their own pace
- The children learn from their mistakes by correcting them
- Positive reinforcement which helps the child remember how to solve the problem.

**REQUIREMENTS**

- Color Computer with 16K RAM and Extended Basic
- Cassette Recorder

**FOR FURTHER INFORMATION CONTACT****PRICE**

B5 Software  
1024 Bainbridge Place  
Columbus, Ohio 43228  
(614)276-2752

\$ 16.95

**RATING**

\*\*\*\*

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**OVERVIEW**

Galactic Hangman is an exciting version of the popular old spelling test and word guessing game, Hangman. This challenging game can be played either against the computer or against a friend. The program contains a large (700) word-phrase library. One of these words or phrases will be chosen at random. Guess a letter if your wrong the man moves closer to the gallows. If you guess the word correctly you set the man free and a starship will appear and vaporize the jail with a blast from its high-powered phrase and then beam up your man and dematerialize. If you do not guess the word or phrase correctly, you will be hung, and the program will play taps for you. This program can be used for children of all ages. Adults will even enjoy this program. With the ability to play with a friend or even create your own word-phrase library it can be as easy or as hard as you want.

**FEATURES**

- Uses high resolution graphics to hold children's attention
- Music and starship graphics are rewards for correct answer
- Displays correct word so you can see your mistakes then

**REQUIREMENTS**

- Color computer with 32K RAM recommended
- Cassette recorder
- 16K RAM Color computer can be used

**FOR FURTHER INFORMATION CONTACT**

Sugar Software  
2153 Leah Lane  
Reynoldsburg, Ohio 43068  
(614)861-0565

**PRICE**

\$ 14.95

**RATING**

\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

This program was written by a school teacher for use by other teachers. It allows the user to type in test questions and answers, which can then be edited, saved, recalled, etc. and eventually printed for use in actual exams. Up to 100 questions and answers can be entered. Test entry can be interrupted or resumed at any time. Tests saved on diskettes can be edited to include different or additional questions later use. The program can generate matching, true/false, short answer, or multiple choice exams. Questions can be printed in order of entry, or in random order. Answer keys can also be produced to make grading easier.

**FEATURES**

- Generates matching, true/false, short answer, or multiple choice tests
- Tests can be saved on diskette and edited
- Answer keys can be printed
- Questions can be printed in order entered or in random order
- Includes a Drill Program  
which uses test files from Test Generator. The Model III can then drill students, keeping track of performance

**REQUIREMENTS**

- Requires a 48K Model III with at least one floppy diskette drive and a 80 or 132 column printer

**CAPACITY**

- Up to 100 questions per test
- Total number of characters used for question-answer pairs must not exceed 18,000. This allows an average of about 90 characters per question

**FOR FURTHER INFORMATION CONTACT****PRICE**

Big G Software \$ 34.95  
Rt 2 Box 111  
Alleyton TX 78935  
(713)732-3904

**RATING**  
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Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

This package currently consists of 10 programs (available separately) which assist parents and teachers in the educational development of young children (ages 3-8). The programs available are:

NUMBCONC - introduces the concept of numbers.  
CREATE - A sketching program to familiarize children with the computer.  
HAND/EYE - develops hand/eye coordination.  
DOTTODOT - familiar connect-the-dots game to increase number skills and coordination.  
COMLIT - A computer assisted lesson in "Computer Literacy" to introduce parents, teachers, and older children to computer terminology.  
RECOGNIT - develops recognition skills.  
ALPHA - alphabet drill.  
NUMRELAT - develops numerical relationship skills.  
PERCEPT - develops perception skills.  
ADD-CONC - introduces addition concepts.

**FEATURES**

- Designed for young children. Uses joysticks to communicate with computer and requires no keyboard or typing skills of the child.
- Many programs use pre-recorded audio instructions synchronized with the program.
- Utilizes color graphics and sound so learning is interesting and fun.

**REQUIREMENTS**

- Requires a 16K cassette based Extended BASIC Color Computer.

**FOR FURTHER INFORMATION CONTACT**

Programs by Mr. Bob  
P.O. Box 94  
Montrose CA 91020  
(213)952-3001

per program \$ 14.95

RATING  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

The Student Grade System is a computer program written for the TRS-80 Model III. It is designed to handle all of the usual functions of a teacher's grade book. It can be used in conjunction with a physical grade book, or even completely replace it, depending upon your needs. In either case, it will save you time, and give you information that you do not have with a typical grade book. This information will help you and your students.

**FEATURES**

- Allows user to define types (quizzes, tests, finals etc.) and number of grades to be recorded.
- Can use either numerical or letter grade schemes.
- Scores can be weighted individually or by type.
- Prints alphabetically sorted class list as well as scores and grades.
- Allows excused and unexcused grades.
- Averages can be computed any time to track class progress.

**REQUIREMENTS**

- Requires a Model III with at least 32K and 1 Floppy diskette drive.
- An 80 or 132 column printer is required for printed reports.

**CAPACITY**

- Can handle approximately 160-180 students, 45 test scores maximum, depending upon relative number of students and test scores.

**FOR FURTHER INFORMATION CONTACT****PRICE**

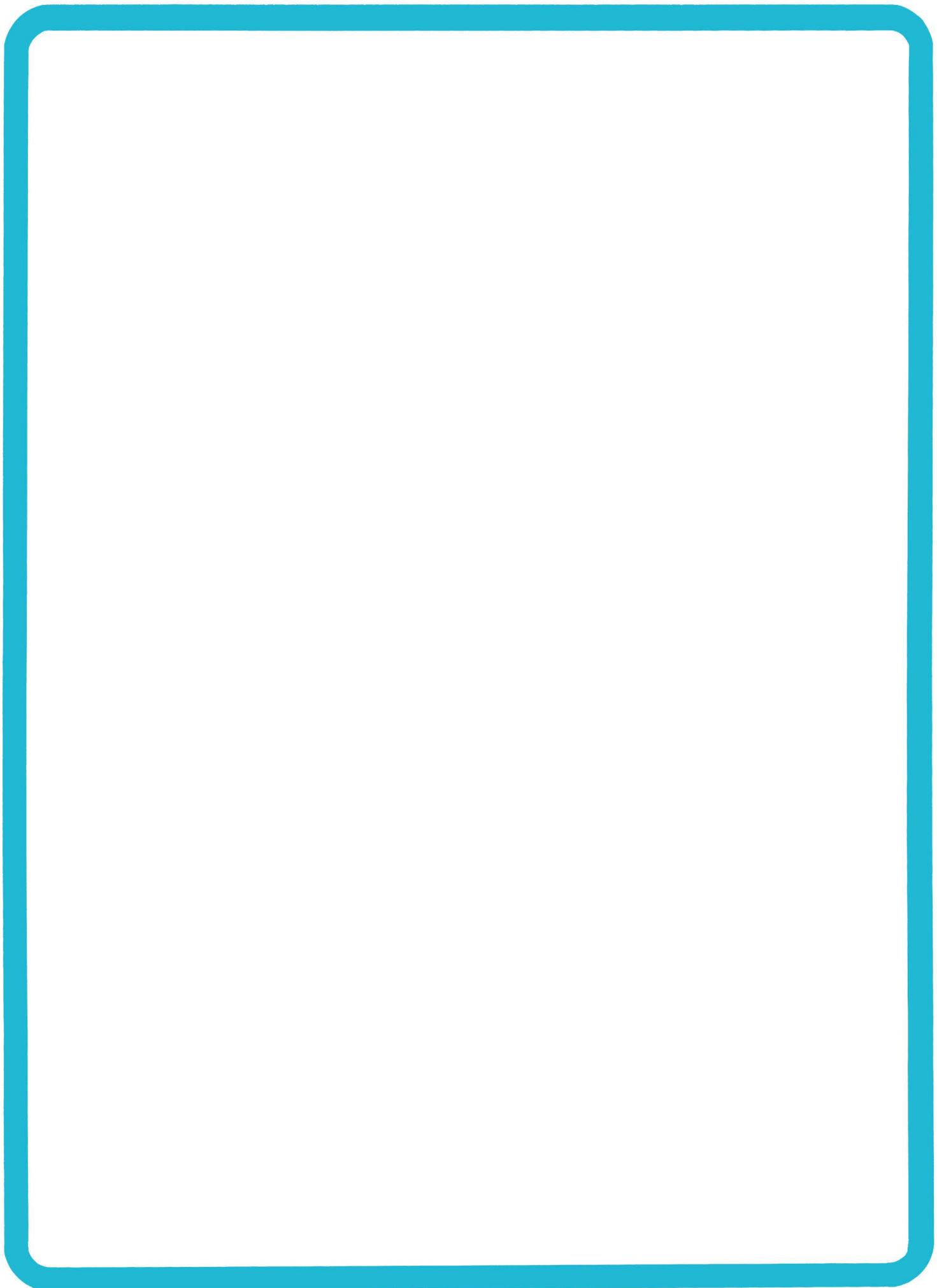
Tinker Techniques  
435 Greenway Ave.  
Trenton NJ 08618  
(609)771-1555

\$ 75.00

**RATING**

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Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.



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## OVERVIEW

MTAP performs general purpose transient and steady state heat transfer analysis. It solves heat transfer and other network diffusion problems by a finite difference method using a resistor-capacitor network representation. Heat transfer can be by conduction, convection, radiation or mass transfer. Material properties for each of several materials as well as all boundary conditions can be temperature and or time dependent by algebraic statement or interpolation of tabular data during execution. Output includes the network connection table, heat input, heat transferred, and temperature distribution. Initial conditions and thermal capacitances are also output for transient problems.

**NOTE:** Use of this program requires knowledge of the underlying engineering principles employed as well as some knowledge of BASIC programming.

## FEATURES

- Full commented source code listing is provided to help user in customizing program.
- A routine to solve simultaneous equations is also provided.
- Will run on 16K tape based machines.
- Manual includes a step by step example calculation to aid the first time user.

## REQUIREMENTS

- Model I or Model III with at least 16K and cassette storage. (MTAP can also be used on disk based systems)
- An 80 or 132 column printer is required if hardcopy of calculations is desired.

## CAPACITY

- The capacity of the program is automatically adjusted to use all available memory.

## FOR FURTHER INFORMATION CONTACT

## PRICE

Cybertech  
501 Via Codo  
Fullerton CA 92635  
(714)738-1882

\$195.00

## RATING

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Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

Survey System 1.1 reduces the time required to analyze survey data. It reduces traverse field data, performs the customary coordinate geometry operations, and reduces either stadia or EDM level notes. Further functions include vertical curve design, horizontal curve stake-out, solar observations (LHA method), and production of stick-ons for drawings. The package can manually interpolate topographical data. Approximately 10,000 coordinate pairs can be stored on a Model III (30,000 on a Model II) enabling the program to handle large surveying projects. With a DMP 400 printer, data points can be graphically plotted to any scale. NOTE This package assumes the user is familiar with standard surveying techniques and notation.

**FEATURES**

- Reduces traverse field data and performs coordinate geometry operations.
- Reduces topographical data as either stadia or EDM level notes.
- Handles vertical curve design, horizontal curve stake-out, Solar observations (LHA method), and makes stick-ons for drawings.
- Interpolates topographical data.
- Plots data points to any scale using plotting capabilities of the DMP 400 printer.

**REQUIREMENTS**

- Requires a 48K, two drive Model I or Model III, or a 64K two drive Model II.
- An 80 or 132 column printer is required. The printer must be a DMP 400 in order to take advantage of the plotting feature.

**CAPACITY**

- 10,000 coordinate pairs may be stored on a Model III. Model II's can store 30,000 pairs.
- Model I is limited to 39 jobs per disk. Other computers are limited only by available disk storage.

**FOR FURTHER INFORMATION CONTACT****PRICE**

C & G Software Systems  
4274 Tilly Mill Road  
Atlanta GA 30360  
(404)458-5219

\$1500 to \$2000

**RATING**

\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

Appraisal Aide is intended to take some of the drudgery out of residential real estate appraising. The user answers screen prompts and the Model III will produce a complete FNMA 1004 form. This form is required of most appraisals when reporting to the mortgage lender. The program can actually print the report on standard preprinted FNMA 1004 form stock. Disk storage and error correction are provided for modifying data already entered. Comparisons to similar homes from the appraisers supplied list of "comparables" is possible.

**FEATURES**

- Uses standard FNMA 1004 form stock
- Reports can be stored on disk for later reporting or correction.
- Ability to use previously appraised, comparable homes in appraisal process.
- All math functions performed by the computer.
- Up to 100 frequently used phrases can be defined by the user and entered into the form with merely a few keystrokes.

**REQUIREMENTS**

- A TRS-80 Model III with at least 48K RAM and two floppy disk drives.
- An 80 column Radio Shack printer (a daisy wheel printer is recommended 26-1158 or 26-1250).

**CAPACITY**

- Each "Comparables" diskette can contain up to 200 "Comparable" homes.

**FOR FURTHER INFORMATION CONTACT****PRICE**

Computer Applications Inc.  
33 North Street  
Calais, ME 04619  
(207)454-2174

\$375.00

**RATING**

\*\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

STAR is a computerized client portfolio management system designed specifically for Registered Representatives, Investment Advisors and Trust Departments. Any professional investment executive who manages portfolios for multiple clients can offer a more thorough and professional service to the client with far less effort and expenses by using the STAR system. STAR eliminates the necessity of searching through cross reference and client books. STAR is an individual microcomputer-based system intended for a single user. It is just as transportable as your manual account books giving you the ultimate in control over your business. For the executive fortunate enough to have a secretary, the system allows both of you to make better use of your time. For those without secretarial help, it eliminates virtually all of the mundane chores if doing business. All that is required of the user is just telling the system what you want, whether it be an inquiry or a report. The system is totally 'menu driven' which allows you to simply select the specific function you are interested in.

**FEATURES**

- Enter trades in only minutes per day
- Instant inquiry into a client's positions or Cross Reference
- Profit & Loss inquiry for all sales during current year. Display of net results. Year end or interim Profit & Loss by client
- Report of all positions which are about to convert to a 'long term' status

**REQUIREMENTS**

- Model III with 48K RAM and one hard disk drive
- Floppy disk drive system is not recommended
- Printer with at least 80 column print positions

**CAPACITY**

- Floppy disk will hold 500 clients or 1500 stocks
- 5 Megabyte Hard disk will hold 1000 clients and 15,000 stocks

**FOR FURTHER INFORMATION CONTACT**  
Morningstar Technology Corp.  
P.O. Box 6453  
Greenville, South Carolina 29606  
(803)235-8568

**PRICE**  
\$ 530.00

**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

Picking the right stock is not enough. Picking the right time to buy or sell usually determines whether a gain or loss will be obtained. Stock Tracker utilizes a technical analysis of volume patterns to generate buy, sell, hold, close and warning trading signals on individual securities, thereby providing important information for the timing of trading action. Stock Tracker utilizes Howard's Volume Force, which is based upon On-Balance Volume principles originally developed by Joseph E. Granville.

**FEATURES**

- Interpretative analysis of data
- Howard's Volume Force based on On-Balance Volume
- Eight statistical reports and five graphs
- Interactive and batch data-entry modes
- Raw data can be obtained from The Wall Street Journal or any local paper
- Optional telecommunications enhancement allows automatic data retrieval and processing
- Product of 3 years evolution

**REQUIREMENTS**

- Model III with 48K Ram and at least one floppy disk drive
- Printer capable of printing at least 80 characters per line is optional but recommended
- Floppy disk drives two-four are optional
- Direct Connect Modem II for telecommunications

**CAPACITY**

- 156 days on up to 30 securities per data disk
- Fewer securities per disk yields more days of data on each security

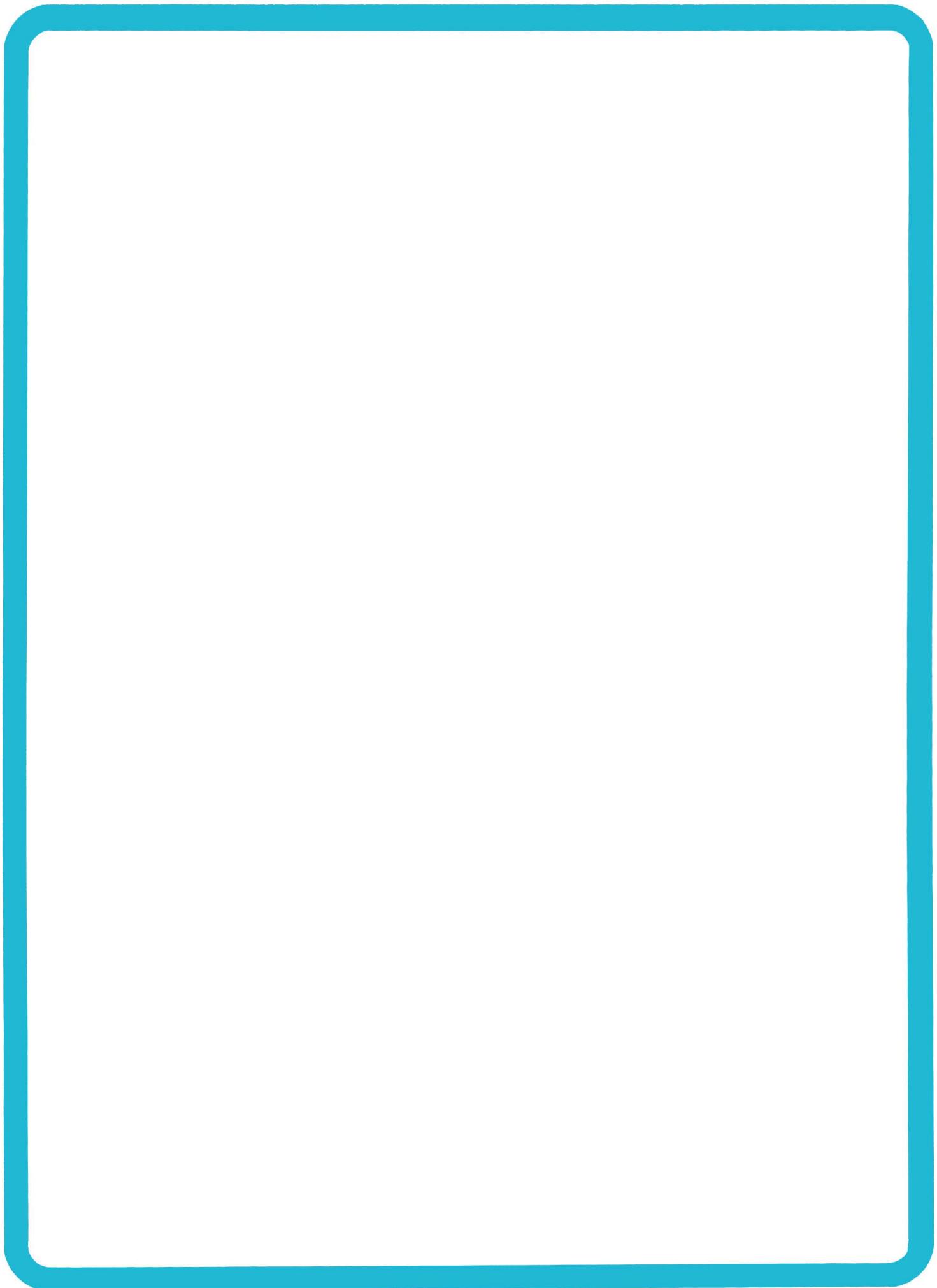
**FOR FURTHER INFORMATION CONTACT****PRICE**

H & H Trading Company  
P.O. Box 549  
Clayton, CA. 94521  
(415)672-3233

\$ 395.00

**RATING**  
\*\*\*\*

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**OVERVIEW**

Time Manager helps you get control of your time by providing a pleasant, handy way to schedule and monitor appointments, meetings, birthday reminders, medication reminders, notes and activities of all kinds. The program uses the clock in the P.C. 2 to warn you automatically by sounding an alarm when the appointment time approaches. You can scan back and forth through your list or search quickly for a specific name or date. Appointments may be printed out for a permanent record or saved to tape for later retrieval. The program can be set to roll forward automatically by a given number of weeks or months at expiration. A perpetual calender shows any month of the year in the 20th century. Time Manager will also check for time conflicts so you will not have two things going on at the same time without notice.

**FEATURES**

- Adjustable warning time
- Alarm clock and timer functions
- Built-in time conflict checking
- Files saved to tape for back up or later retrieval

**REQUIREMENTS**

- 4K RAM module in a Pocket Computer 2
- 8K RAM module optional for more storage
- Cassette Recorder
- Cassette Interface

**CAPACITY**

- With 4K RAM module (the minimum required), about 90 appointments
- With 8K RAM module up to 256 appointments

**FOR FURTHER INFORMATION CONTACT**

PocketInfo Corp.  
7795 S.W. 184th Street  
Beaverton, OR. 97007  
(503)649-8145

**PRICE**

\$ 14.95

**RATING**  
\*\*\*

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**OVERVIEW**

PocketFile™ provides a convenient way to store and retrieve the kind of information that you might keep in a card file or on paper lists. Information like inventories, phone numbers, business names, part numbers, etc. The program lets you automate this information storage by emulating a card file. You begin by telling the program how many items of information to store on each card, the items' names, and number of characters in each item. The program tells you how many such cards can fit into available memory so you can make adjustments. Information can be written on any card at any time. Information can be changed and cards discarded. Best of all, you can sort the cards by any field, and select for display/printing only those containing an item within a certain value range. Two auto repeat directional keys let you move the display from card to card or item to item (backwards or forward) for convenient browsing. Another two keys let you scroll a line left or right when a line is too long for the display.

**FEATURES**

- Format for data (number of items per record, length of items, etc.) is completely user definable.
- Data can be changed, deleted, sorted, and/or printed.
- Function keys and menus are provided for easy use.
- Data can be stored on cassette tape.

**REQUIREMENTS**

- Requires a Pocket Computer II with a Printer/Cassette Interface, and a 4K or 8K RAM module.

**CAPACITY**

- There are 3000 characters of space available for data storage with the 4K module (7000 characters with 8K).

**FOR FURTHER INFORMATION CONTACT****PRICE**

PocketInfo Corp.  
P.O. Box 152  
Beaverton, OR. 97075  
(503)649-8145

\$22.95

**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

## OVERVIEW

This "spreadsheet" program is optimized for monetary calculations on the PC-1. You can define three rows of up to 13 columns (cells) each. Numbers are entered into any or all of the cells. Then each row is multiplied, added, subtracted and divided by another row or a single number. The results are printed or stored on tape at your option, thus reducing the need to retain many rows of numbers in the computer. There are commands for clearing rows to zero, replication the value of one cell into others, and summing, cumulative summing and averaging the cells of a row. The printing of the rows is formatted with two fractional decimal digits for monetary amounts. Spreadsheet programs on larger computers retain within the computer all of the calculations (formulas) which the user enters. The PC-1 has insufficient memory for this, so each calculation is printed so that you can verify your work, and replicate a series of calculations on new or changed data.

## FEATURES

- Any row can be added, subtracted, multiplied or divided with any other row and the result stored in any row.
- Any row can be added, subtracted, multiplied, or divided by a constant.
- Rows can be summed or averaged with a single command.
- Printed results label each operation to allow calculations to be reproduced easily.

## REQUIREMENTS

- Requires a Pocket Computer I and a Printer/Cassette Interface.

## CAPACITY

- PocketCalc I handles 3 rows of up to 13 columns each.

## FOR FURTHER INFORMATION CONTACT

## PRICE

PocketInfo Corp.  
P.O. Box 152  
Beaverton, OR. 97075  
(503)649-8145

\$17.95  
**RATING**  
\*\*\*\*

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**OVERVIEW**

Tax/Budget Planner was designed to be easy to use for those who do their own taxes and are acquainted with basic tax terminology. It can also be used by those who are less familiar with tax terminology, but are willing to spend some time learning. Tax/Budget Planner is ideal for "what if" testing as an aid to personal decision making.

**FEATURES**

- Automatic calculation for federal income tax liability amount per the tax tables or schedules
- Automatic calculation of the federal income tax liability amount per the income averaging method (the program uses the lower of the above)
- Automatic calculation of short term and long term capital loss carry-forward amounts
- Automatic calculation of cash and property charity contribution carry-forward amounts.
- Automatic calculation of new minimum tax liability amount
- Automatic calculation of the self employment tax liability amounts
- Automatic calculation of interest income or expense on cash balances

**REQUIREMENTS**

- Model III with 48K RAM and two floppy disk drives
- Printer with at least 80 character print positions (optional, but recommended)

**FOR FURTHER INFORMATION CONTACT****PRICE**

Capital Software  
1627 Peach Ct. E.  
Seattle, WA. 98112  
(206)322-7562

\$ 99.00

**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

If you have occasion to make notes while on-the-go then type your notes into your PC-2 with PocketNote. When you want to find notes that reference a specific topic, just ask the program. It does a key word search. All notes with the matching word or phrase are displayed or printed. The length of each note can be up to 75 characters. Two auto repeat keys let you scroll the note across the screen, both left and right. Another two keys let you scan the notes either forward or backward. Function keys and instant recall menus are used for quick interaction.

**FEATURES**

- Notes can be 75 characters long.
- Key word search finds all notes which mention key word.
- Notes can be printed and/or saved on tape cassette.
- Notes can be formatted for easily read printouts.
- Easy to use function keys and menus.

**REQUIREMENTS**

- Requires a Pocket Computer II with Printer/Cassette Interface and a 4K or 8K RAM module.

**CAPACITY**

- There is space for 3000 characters of notes with a 4K module, and 7000 characters with an 8K module.

**FOR FURTHER INFORMATION CONTACT****PRICE**

PocketInfo Corp.  
P.O. Box 152  
Beaverton, OR. 97075  
(503)649-8145

\$22.95

**RATING**

\*\*\*\*

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**OVERVIEW**

This program allows the PC-1 to operate as a four function calculator (including sign reversal and memories) with extensive enhancements for auditing, record keeping, and summarizing. Your PC-1 becomes a printing calculator with the type of operation printed next to each value calculated. An audit trail option lets you identify each number entered with, for example, check number, source, type, etc. This identification prints with the entered number for a hard copy audit trail. If you need to accumulate totals, there are 8 memories which can be added, subtracted, stored, retrieved and printed. These memories can also be named to increase clarity. You select the format of printed numbers to be 2 or 4 fractional decimal digits, or exponential notation suitable for engineering and scientific work.

**FEATURES**

- Functions as a four function printing calculator.
- 8 separate memories. All arithmetic functions can be applied to or with the 8 memories.
- Each number entered as well as the 8 memories can be named for easy identification on printouts.
- Printouts have full audit trails, including named values and memories as well as what functions are performed.

**REQUIREMENTS**

- Requires a Pocket Computer I and a Printer/Cassette Interface.

**CAPACITY**

- Performs addition, subtraction, multiplication, division.
- 8 storage memories for storing intermediate results.

**FOR FURTHER INFORMATION CONTACT****PRICE**

PocketInfo Corp.  
P.O Box 152  
Beaverton, OR. 97075  
(503)649-8145

\$14.95

**RATING**  
\*\*\*\*

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**OVERVIEW**

SPENDITURE\$ enables a PC-1 to help you keep track of where all your money goes. With this system you record to which of 11 standard expense accounts your money was spent (e.g. food, housing, etc.). Within each of these standard accounts you can define up to seven custom sub-accounts to realistically reflect your own financial situation. Entries can be made for any chosen period (daily, weekly, monthly). Printed reports show every entry made, how much was spent in each account, the percent of expenditures of each, totals of each custom sub-account, the balance of your charge accounts, and how much was spent as charges, checks and cash.

**FEATURES**

- Tracks spending habits in eleven categories with up to seven sub-classifications.
- Data entry can be made at any chosen period such as daily, weekly, monthly, etc.
- Detailed printed reports are generated, describing all entries and totals on accounts and sub-accounts.
- The program distinguishes between cash, checks, and charges.

**REQUIREMENTS**

- Requires a Pocket Computer I with a Printer/Cassette Interface

**CAPACITY**

- 11 standard expense accounts.
- Each standard expense account can have up to 7 sub-accounts

**FOR FURTHER INFORMATION CONTACT****PRICE**

PocketInfo Corp.  
P.O. Box 152  
Beaverton, OR. 97075  
(503)649-8145

\$14.95  
**RATING**  
\*\*\*\*

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## OVERVIEW

Finance Pak consists of four pre-formatted, ready-to-use VisiCalc™ templates: BUDGET, CHECKREG, AMORTIZE and WRAPARND. BUDGET handles twelve months of actual vs. budgeted expenses. Totals for user-defined categories of income and expenses are computed as well as projected annual net profit. CHECKREG is a check register/cash disbursements journal for tracking of expenses by check number, date, payee, purpose and amount. 15 user-definable columns are provided for tracking expense categories. AMORTIZE performs loan amortization calculations. WRAPARND handles amortization schedules for a wraparound loan and the two underlying loans. NOTE: This package assumes some (but not extensive) familiarity with the basic operation of VisiCalc.

## FEATURES

- Handles budget management.
- Features checkbook management.
- Performs simple and wraparound loan amortization, including uneven and balloon payments.
- Spreadsheets are pre-formatted ready for slight user modifications and immediate use.

## REQUIREMENTS

- System requires a two drive 64K Model II or equivalent.
- System is capable of printing results on an 80 or 132 column printer, but a printer is not required to operate the system.

## CAPACITY

- BUDGET: 12 months, 10 income and 20 user-defined expense categories.
- CHECKREG: 15 user-defined expense categories.

## FOR FURTHER INFORMATION CONTACT

## PRICE

SpreadTech P.O. Box 912 Grass Valley CA 95945 (916)432-3030	\$ 59.95
	RATING ***

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

The Micro/Sys80 Patient Financial Management System is an accounts receivable, billing and record keeping system for a dentist. The system allows you to define and create files for procedures (up to 300 with description and amount), producers (dentists and hygienists with names, address, ID#, etc., for inclusion on third party forms), complications (up to 5 complication codes may be included on every patient record), insurance carriers (name, address and accounting information for as many third-party carriers as you need). Patients are located either by patient name, account name or account number. Patient records are charged using the Procedure codes; standard charges may be overridden. After the procedure charge transactions are created, payments may be applied, recall and appointment date set, and an insurance/receipt form generated. You always have the option to add, delete, inquire, change, and list records from any of the files in the system.

**FEATURES**

- Patient receipts and/or third-party billing forms may be printed on either ADA forms or in SUPERBILL format on blank paper
- Accounts Receivable report showing 30, 60, 90 day aging for the account file and all third party carries
- Production analysis reports by procedure
- Automatic printing of statements to all open accounts

**REQUIREMENTS**

- Model II with 64K RAM and 1 hard disk drive or 1 to 3 floppy disk expansion bay

**CAPACITY**

- Hard disk holds up to 10,000 accounts with 20,000 patients carrying 5,000 current transactions a month
- Floppy disk drives holds 500 to 2,000 accounts. 1,000 to 3,800 patients and 3,000 transactions a month depending on the number of floppy drives you have

**FOR FURTHER INFORMATION CONTACT**

MICRO/SYS80 Inc.  
236 Waverly Road  
Southampton, PA. 18966  
(215)355-5706

**PRICE**  
**\$ 2,000.00**

**RATING**  
**\*\*\*\***

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

Priority Organizer enables the owner of a Model II compatible TRS-80 to keep track of tasks, goals, objectives, etc. in an organized and systematic fashion. This program was developed in order to improve efficiency, and as a tool for management to delegate projects and tasks according to their importance. Each employee's work load (jobs, projects) are stored on disk and can be updated as jobs are obtained or as priorities change. The employee can be given a hardcopy of his assigned tasks and their importance. The package is extremely easy to operate and is truly user friendly. Persons with little or no computer experience will find the program easy to use.

**FEATURES**

- Easy to operate. Very "User Friendly."
- Automatically sorts and displays items by "high", "medium", and "low" priority.
- Items listed can be added, deleted, corrected or marked as completed.
- All completed items can be deleted with one keystroke.
- Priority list can be printed.
- Easy built-in procedure for copying diskette.

**REQUIREMENTS**

- 64K Model II with at least one disk drive.
- An 80 or 132 column printer if priority lists are to be printed. A printer is not necessary to operate the program.

**CAPACITY**

- Maximum number of items that can be stored in Priority List is 100 (typically only 25 to 50 items are stored at one time).

**FOR FURTHER INFORMATION CONTACT****PRICE**

Data Automation Services, Inc.  
4 E. Germantown Pike  
Plymouth Meeting PA 19462  
(215)825-3435

\$29.95

**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

The Time & Billing System is specifically written for the practicing accountant. It enables the accountant to account for and bill out the time spent and charges incurred by the individual firm members. The System accounts for each employee's chargeable and non-chargeable time on a current and year-to-date basis by selectable reporting categories, expenses to be billed to clients, multiple categories of unbilled work in process for each client, and each client's aged accounts receivable balance. It addresses the four major requirements of any time and billing system, namely accuracy, speed, on-demand status information and billing flexibility. Client reports may be run at any time and always show up-to-the-minute information. Much of the information in the system can be reported selectively. The Accountant's Time & Billing System is a balance-forward system. While normal system reports show work detail only for the current month, a special report will show a client's historical detail from prior months at any time. Work can also be billed at an efficiency factor from 10% to 100% of a fixed rate. Rates may also correspond to different work codes and be automatically assigned based upon the work performed.

**FEATURES**

- System will generate itemized or summary client statements
- Time entered in minutes, tenths of an hour, or quarter hours
- Four individual billing rates for each employee
- Listing of unbilled charges by responsible partner, client, work code and employee
- Listing of each employee's time for the period and the year by selectable reporting categories
- Listing of unbilled work-in-process, billings, collections, write-offs, and ending receivables by client

**REQUIREMENTS**

- Model II with 64K RAM and one drive expansion bay  
Hard disk drive optional
- Printer with 80-column capacity per line

**CAPACITY**

- 1,000 Clients, 100 Employees, 200 Work Codes, 200 Billing Codes and 5000 Transactions per month

**FOR FURTHER INFORMATION CONTACT**  
Creative Solutions Inc.  
1945 Pauline Blvd., Suite 15A  
Ann Arbor, MI 48103  
(313) 995-8811

**PRICE**  
\$ 795.00

**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

Time and Expense Management System is an interactive computer approach to time/expense accounting and client billing for professionals such as CPA's, lawyers, architects, and consultants for whom time spent providing services is the basis in determining fees. Time and Expense Management System combines the essentials of computer technology and time/expense accounting for quick and effective client billing. Turn-around time is virtually eliminated, providing instant, on-line access to all information.

**FEATURES**

- Details current unbilled work-in-process
- Accumulates year-to-date totals
- Assembles aged A/R
- Allows fees to be written up (if too low) or down (if too high)

**REQUIREMENTS**

- Model I or Model III with 32K RAM and two floppy disk drives
- Model II with 32K RAM
- Printer with at least 80 characters per line

**CAPACITY**

- 175 Client Accounts
- 20 Staff Members
- 600 Outstanding Time/Expense Transactions
- 175 Work-in-Process/Accounts Receivable updates

**FOR FURTHER INFORMATION CONTACT****PRICE**

Kenyon Computer Associates, Inc.  
Country Drive, RFD  
Kenyon, RI. 02836  
(401)364-3663

\$ 249.95

**RATING**  
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**OVERVIEW**

Real-t-Pro™ is a computer system designed to help successful owner/brokers manage their real estate operations in the most efficient and professional manner possible. Real-t-Pro™ is the results of the efforts of a team of accountants, real estate managers, and computer experts. It took nearly two years developing and testing the system. Real-t-Pro™ has two sections, property and financial. The property section is for sales analysis and production reporting. The financial section performs the general bookkeeping needs of the office. The system will compute sliding scale commissions, and can even be told to compute a different percentage for in house sales or prorate a commission across a step. It can allow different agents to start on different steps. Some to advance and others to have a flat rate.

**FEATURES**

- Easy access and entry of properties and prices
- Listing of properties which are about to expire
- Production reports to track offices progress
- Easy tracking of agents bills and other incomes
- Unique "cash transfer" method allows financial data to be entered by non-accounting personal

**REQUIREMENTS**

- Model III with 48K RAM and two floppy disk drives
- Printer with at least 132 print positions

**CAPACITY**

- 650 Properties Listings; 15 categories to each into; 65 Agents; 15 types of financing; 15 types of source of listing
- 165 accounts; 650 transactions per month; 30 employees; 48 automatic payments; 248 agent bills/incomes

**FOR FURTHER INFORMATION CONTACT****PRICE**

Real-E-Data, Inc. \$ 1,995.00

2100 Hwy. 360 Suite 1302

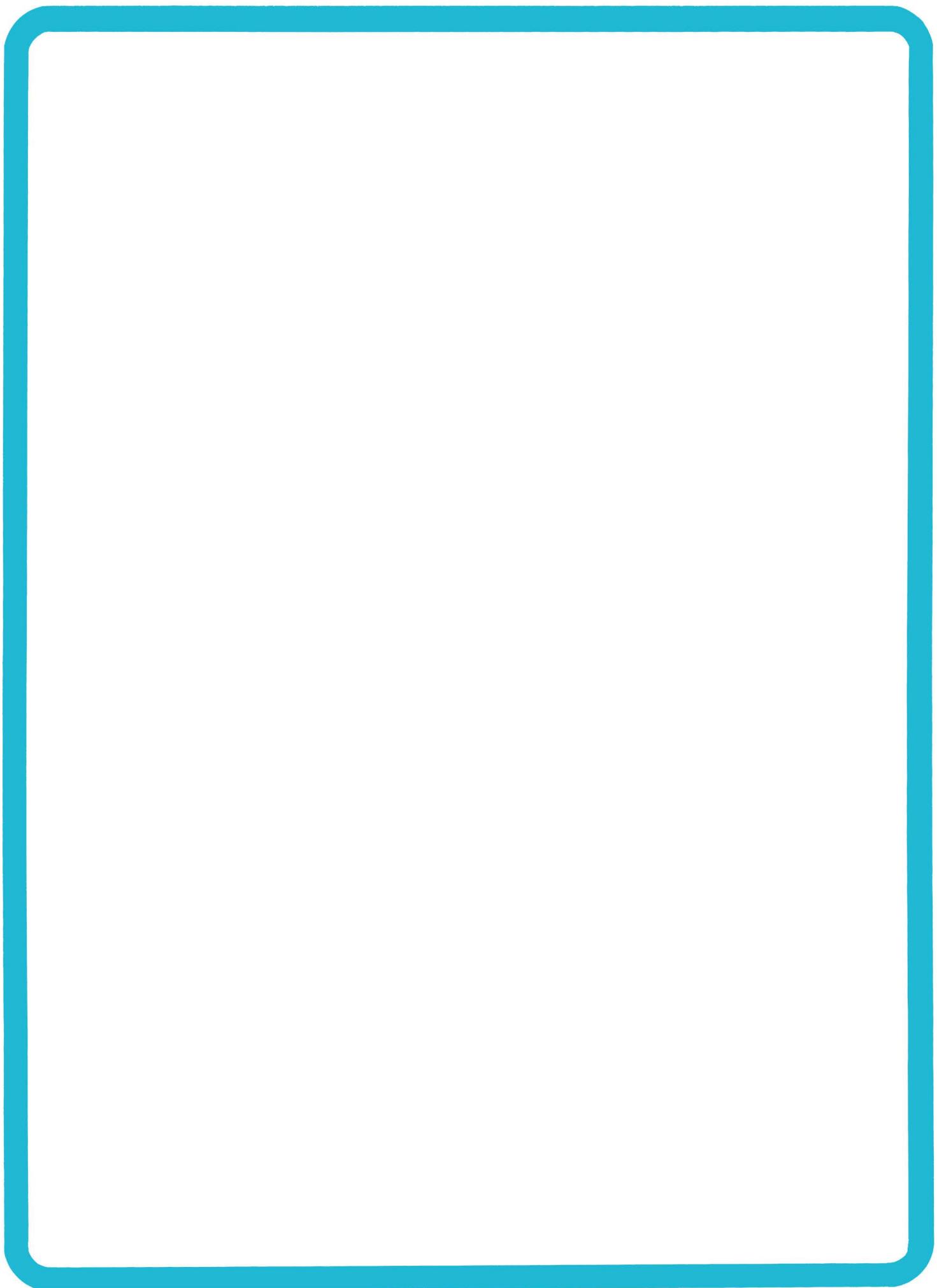
Grand Prairie, TX. 75050

(214)660-1373

**RATING**

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Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.



**OVERVIEW**

Auto Run is a utility program for the TRS-80 Extended Basic Color Computer. It will create a machine language loader program and store it on tape. Your BASIC or machine language program is stored on tape following the loader program. Your program can now be started by simply entering the CLOADM command from BASIC. The Auto Run contains a graphics editor so that the generated loader program will display a title screen while your own program is loading. An audio feature even allows recorded sound to be played through the television speaker in order to announce your program. Auto Run will add a professional touch to your programs. NO royalty is required for including Auto Run in programs you may wish to market (you are asked to send Sugar Software a copy of any such program).

**FEATURES**

- Allows convenient loading of BASIC and machine language programs from cassettes.
- Graphics editor for creating impressive title screens.
- Sound feature enables up to 60 seconds of any recordable sound to be played automatically through the TV loudspeaker to announce program.
- Memory location where user's BASIC program is to be loaded can specified.

**REQUIREMENTS**

- 16K or 32K Extended BASIC TRS-80 Color Computer, with cassette storage for programs.

**CAPACITY**

- User's programs can be loaded anywhere above the memory address &H600.

**FOR FURTHER INFORMATION CONTACT****PRICE**

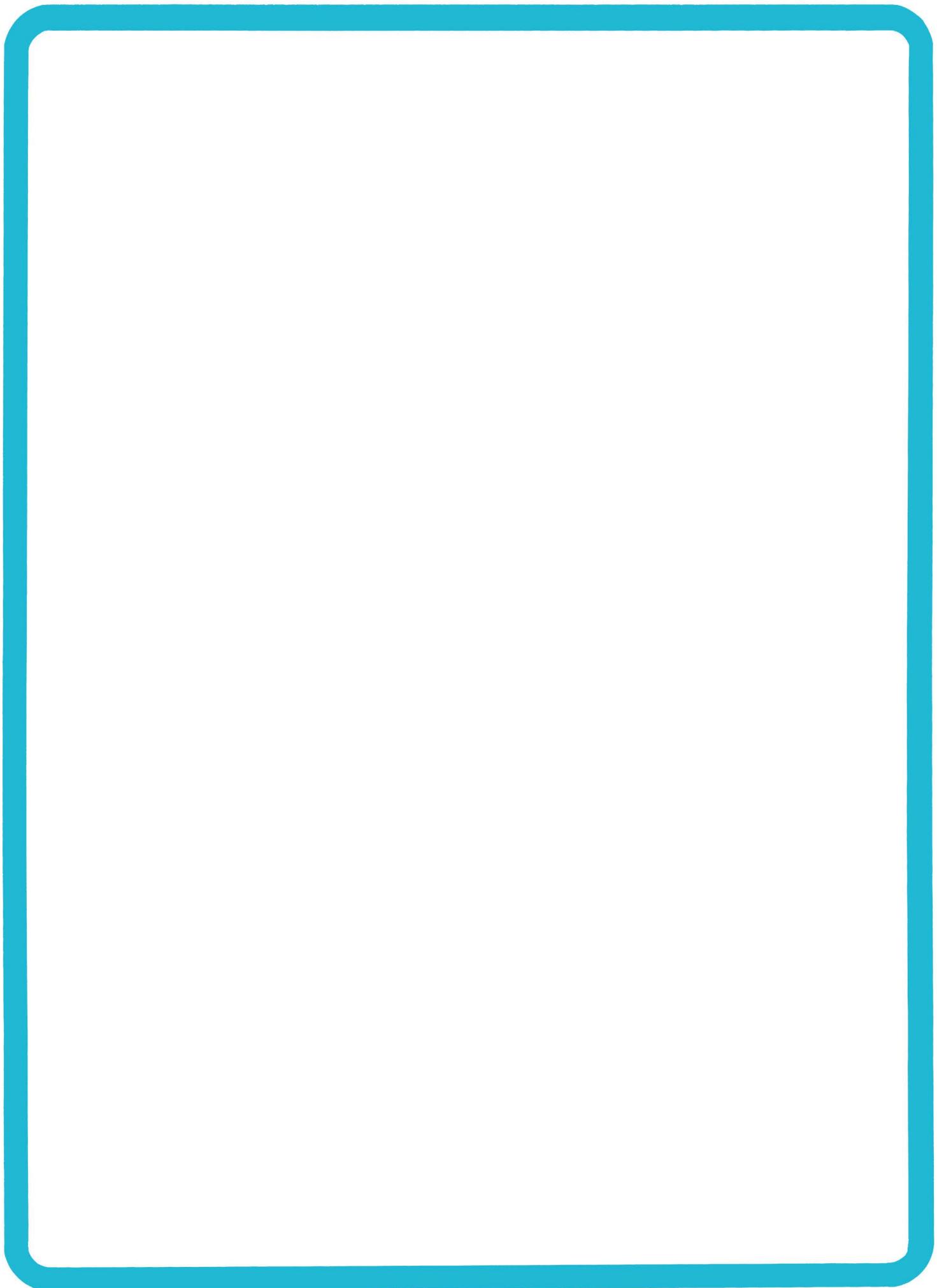
Sugar Software  
2153 Leah Lane  
Reynoldsburg OH 43068  
(614)861-0565

\$14.95

**RATING**

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Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.



**OVERVIEW**

The Foxon-Maddocks Associates (FMA) Index Preparation System is an easy-to-use, flexible tool which allows efficient creation of back-of-the-book indexes and glossaries using a microcomputer. Since records are typed into the FMA system essentially as they are to appear in the printed copy, editing is minimized. Retyping of the final manuscript is eliminated. The system automatically creates master files which make alphabetizing painless. The FMA system can reduce the time required to prepare an index or glossary by as much as 25 percent.

**FEATURES**

- Flexible letter-by-letter or word-by-word literary alphabetizing, which automatically accounts for capital or small letters, punctuation marks, symbols, and ignored leading prepositions.
- Ability to produce final manuscript copy automatically without repeated headings.
- Simple record editing using arrow keys to move cursor.
- Display and editing of records in alphabetized order.
- Capable of underlining, boldface, and italics in final manuscript copy (if your printer is capable of producing these typestyles).
- Uses large characters (40 columns per screen) to reduce eye fatigue.

**REQUIREMENTS**

- 64K Model II with at least two floppy disk drives.
- An 80 or 132 column printer.

**CAPACITY**

- Index records can consist of up to six heading levels, and each record can have more than 600 characters. Glossary records have one heading level and can be more than 1,500 characters long.
- Each diskette allows up to 3,700 records (11,100 records with a four drive system and up to 32,767 records with Hard Disk).

**FOR FURTHER INFORMATION CONTACT****PRICE**

Foxon-Maddocks Associates  
10807 Oldfield Drive  
Reston VA 22091  
(703)476-4860

\$300.00 (\$30.00 for demo  
diskette and manual)

**RATING**

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**OVERVIEW**

This program orients and instructs management personnel and employees in the Quality Circle technique of participative problem solving. The package consists of 12 cassettes containing 33 chapters of computer assisted instruction in Quality Circles, and 10 problem solving application programs. This package would be of interest to any employer of 12 or more employees that is considering a Quality Circle participative management program.

**FEATURES**

- Contains 33 chapters of computer assisted instruction in Quality Circle management.
- Includes 10 problem solving programs:

Nominal Group Process	Cost Benefit/Present Value
Critical Incident Technique	Statistical Control Charts
Multiple Criteria Analysis	Creative Design
Pareto Analysis	Report Editor
Cause and Effect Analysis	CAI Authoring System

**REQUIREMENTS**

- 32K Extended BASIC TRS-80 Color Computer, with cassette storage for programs.
- 80 or 132 column printer.

**FOR FURTHER INFORMATION CONTACT****PRICE**

Circle Soft \$900.00  
3325 Woodbine Lane  
Charlotte NC 28210  
(704)554-8315

**RATING**

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**OVERVIEW**

Andrea Group's Astrology Library is composed of five programs, which combined cover the major branches of astrology: Natal, Progressions, Transits and Solar Returns, Comparative, and even Hindu Astrology. These programs perform the necessary complex astrological calculations, allowing the professional or advanced amateur astrologer to concentrate on interpretation and analysis rather than laborious calculations.

**FEATURES**

- Performs astrological calculations (from only and input date, time, longitude and latitude) for the following analysis:

Natal	Progressions
Transits & Solar Returns	Comparative
Hindu	
- Works on cassette based TRS-80's.
- All programs are written in Z80 machine language for fast calculations.
- Each of the five programs are available separately.

**REQUIREMENTS**

- System requires at a cassette based Model I or III.
- Programs are capable of printing results on an 80 or 132 column printer, but a printer is not required to operate the system.

**CAPACITY**

- Dates from 3000 B.C. to 3000 A.D. are permissible.
- Program can work with any latitude (east or west) and any longitude (north or south).

**FOR FURTHER INFORMATION CONTACT****PRICE**

Andrea Group  
P.O. Box 24233  
Washington, DC. 20024  
(202)484-0244

\$108.00  
(\$24.95 each prog.)  
**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

V-UTILITY™ is a package of five utility programs designed to expand the capabilities of VisiCalc™. V-SORT rearranges the whole spreadsheet using the column you select for a numerical or alphabetical sort. V-PRINT provides a means of printing the spreadsheet with columns in the order you want. V-STAT provides a selection of programs to perform various types of statistical analysis. V-PLOT provides an easily read plot on the printer that indicates visually what is happening in one or two columns on the spreadsheet. V-OVERLAY provides a series of templates that can be overlaid on a VisiCalc spreadsheet. The following overlays are included: 10, 20 ,30 day moving averages; 5%, 10%, and 20% exponential smoothing equations; Four selections of date columns; two types of trend columns.

**FEATURES**

- Rearranges your spreadsheet in alphabetic or numeric order by applying V-SORT on the appropriate column.
- Prints reports with only the columns you want printed in the order you decide with V-PRINT.
- Calculates numerical distribution, correlation coefficient, regression analysis, chi squared test, and T-test with V-STAT.
- Plots one or two columns of data for graphical analysis with V-PLOT.
- Saves time on designing spreadsheets by using predefined routines in V-OVERLAY.

**REQUIREMENTS**

- Requires a 48K Model I or Model III with at least two floppy diskette drives. An 80 or 132 column printer with parallel interface is required for V-PLOT and V-PRINT.

**FOR FURTHER INFORMATION CONTACT****PRICE**

Yucaipa Software 12343 12th St. Yucaipa CA 92399 (714) 797-6331	\$129.95
	RATING
	****

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**OVERVIEW**

AIMS was designed through the joint efforts of insurance and computer professionals exclusively for the insurance industry. The principle sales personnel, programmers, and customer support personnel are all licensed insurance agents. AIMS is currently in use by agencies from coast to coast and has been licensed by a major insurance company for use by their 600 agents. AIMS will completely automate the accounting, claims, suspense, marketing, management, and policy retrieval functions of your company.

**FEATURES**

- Completely Integrated Accounts Receivable, Accounts Current and General Ledger
- Extensive client and policy inquiry capabilities
- Open item receivables
- All account current reports
- All production reports
- All financial reports (four profit and loss statements)
- Integration with SCRIPSIT tm word processing system
- Invoice and statement preparation and issuance
- ACORD tm form preparation and issuance

**REQUIREMENTS**

- Model II with 64K RAM, Model 12 with 80K RAM, or Model 16 with 128K RAM
- Each Model will require at least one 8 or 12 Megabyte hard disk drive

**CAPACITY**

- 8 Megabyte Hard Disk Drive will handle from 2,000 to 8,000 clients depending on the number of hard disk drives
- 12 Megabyte Hard Disk Drive will handle from 3,000 to 10,000 clients depending on the number of hard disk drives

**FOR FURTHER INFORMATION CONTACT****PRICE**

Insurance Rating Systems, Inc.  
P. O. Box 2576  
213 E. Aviation  
Universal City, Texas 78148  
(512)658-4691

\$ 4000.00

**RATING**  
\*\*\*\*

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**OVERVIEW**

The Church Donations Program is designed for churches with a congregation from 100 to 3000 members. The program maintains total offerings by each individual member of the church in up to 15 different categories. Church Donations Program produces individual quarterly reports to all members of the congregation. Permits the print out of a list of all offerings to date by individuals or the printing of one individuals offerings-to-date. Allows the printing of mailing labels for the entire congregation or of a selected group by use of a select code or comment. Will print abbreviated or complete list of all members of the congregation, a list of all collections to date or the Total Offerings to date. Also produces a 'How Goes it Report' which permits re-evaluation of pledges based on the past three years of collections.

**FEATURES**

- Up to 15 different categories to put collections in
- Re-evaluation of pledges on past 3 three years collections
- Produces Quarterly Reports for members in a timely manner
- Easy access to collections-to-date or total offerings-to-date for one or all members

**REQUIREMENTS**

- A TRS-80 Model III 48K RAM and 2 floppy disk drives or Model II 64K RAM with 1 or 2 floppy disk drives
- An 80 column Radio Shack printer (DMP-500 26-1252 is recommended)

**CAPACITY**

- Model III up to 1200 members, 10 different collection categories and 3 pledge categories.
- Model II up to 3000 members (w/2 drives), 15 different collection categories and 4 pledge categories.

FOR FURTHER INFORMATION CONTACT	PRICE
Custom Data	M III \$190.00
P.O. Box 1066	M II \$275.00
Alamogordo, NM. 88310	RATING
(505) 434-1096	*****

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## OVERVIEW

The Municipal Billing System (MBS) is a software package that handles virtually all functions related to utility billing for small communities. It is specifically designed for populations of between 1000 and 20,000. It can handle such diverse billings as water, electricity, gas, sewer, garbage etc., including printing of meter reading sheets, high/low audits, account status reports, delinquent lists, daily cash receipts, consumption reports, and postcard bills. Maintenance of rate structures is easy and can include penalties for late accounts. Computed utility usage based on previous readings is possible when meter readings are not made. MBS is very interactive and does not require extensive computer experience.

## FEATURES

- Vendor produces customized manuals and programs for each installation.
- Handles a variety of different utilities at the same time.
- High/Low audit flags abnormally high or low meter readings to catch meter reading errors or utility malfunctions.
- Can estimate utility usage from past data when meters are not read.
- Rate structure is user defined, and can be modified.
- Prints mailing labels and utility bills.

## REQUIREMENTS

- A TRS-80 Model II or Model 16 with at least 64K RAM and two floppy disk drives.
- A 132 column Radio Shack printer (DMP500 26-1252 is recommended).

## CAPACITY

- Up to 1750 customers when using two single sided floppy diskettes (one for programs and the second for data).
- Can be used on Hard Disk systems for increased performance.

## FOR FURTHER INFORMATION CONTACT

## PRICE

FOY, Inc. \$2,250.00  
100 McKinney Street  
Farmersville, TX 75031  
(214)782-7282

RATING  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

Certificate of deposit calculator (C\*D\*Calc) will keep 800 plus records on file, recording all necessary data within the year (and the greater part of the following year) for any normal variable amounts, and interest rates for up to 365 days. It will almost instantly calculate the interest cost to the bank for each record - for each month of the year (and supply total interest cost monthly for these records and interest cost that extends into the following year.). Prints notices of due date as called for on a bi-monthly bases. Offers reports showing total value of C\*D's to date for category and total interest cost for same from which numerous financial analysis can be made. Stores and prints out tax information (1099's), plus providing bookkeeping information for payment of interest on C\*D's.

**FEATURES**

- Instant calculation of interest cost to the bank
- 26 categories to put C\*D's into
- Automatic printout of tax forms (1099's)
- Track total payment of interest on C\*D's

**REQUIREMENTS**

- A TRS-80 Model III with at least 48K RAM and 1 floppy disk drive.
- An 132 column Radio Shack printer (DMP-400 Catalog # 26-1251 is recommended)

**CAPACITY**

- Model III 850 C\*D stored on one set of disk and all data maintained.

<b>FOR FURTHER INFORMATION CONTACT</b>	<b>PRICE</b>
COMPUTXR SERVIC*S 14 Pierce Ave. Oak Ridge, N.J. 07438 (201) 697-3141/3156	\$485.00
	<b>RATING</b> ****

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

The AACS Restaurant Inventory Control and Cost Analysis Program is designed for a full line Restaurant (fine food or fast food, single or multiple unit) to help control the flow of inventory, to monitor and reduce food cost. It is an extremely powerful management tool. The system is like an assistant manager and book keeper all rolled into one little machine. You will become more aware of how efficient your business is. This program will help you get better control over inventory usage in these five areas; over portioning, theft, inflation, lack of awareness of cost-items, selling more low profit items than high profit items. The programs were written by restaurateurs.

**FEATURES**

- Food usage reports with warning flags to improve awareness
- Theft detection and evaluation
- Theoretical Average ("Standard") Food Cost vs. Absolute Food Cost
- Perpetual inventory
- Menu conception and analysis
- Food, liquor, and paper cost computation
- Sales Analysis
- Inflation evaluation
- Automatic re-order of inventory
- Menu explosion for current costing and usage

**REQUIREMENTS**

- Model III 48K RAM and two floppy disk drives or Model II 64K RAM (two drive expansion bay is preferred)
- Printer capable of printing 132 characters per line (high speed preferred, but letter quality printers are fine)

**CAPACITY**

- 998 inventory items per disk (more if more disk are used)
- 245 recipe files per disk
- 60 user-defined suppliers, categories, and storage locations
- 10 user-defined cost outs (food cost, liquor, paper, etc.)
- 10 restaurant locations per computer system

**FOR FURTHER INFORMATION CONTACT**  
Advanced Analytical Computer Systems  
19301 Ventura Blvd., Suite 203  
Tarzana, CA. 91356  
(213)708-3917

**PRICE**  
\$ 1,500.00

**RATING**  
\*\*\*\*

Radio Shack's review of the above software program has been limited and therefore it makes no representations or warranties, express or implied, in connection therewith. The sole and only warranty on such software, if any, shall be that of the independent vendor shown above.

**OVERVIEW**

The Esscomate Piping Estimator is constructed in such a way that all items found in the normal piping system may be counted by the operator and priced and labored by the computer. All necessary calculations to extend and add the information to complete an estimate are performed by the machine. The only exceptions to the system's capability are the pricing of the equipment items such as pumps, boilers, plumbing fixtures, etc. When operating the system a mask is placed over the keyboard of the computer. With this mask, the operator can select any of the items by pressing a key.

**FEATURES**

- Instant price and labor updating
- Metric or English units available
- Voice Input/Response or keyboard entry available for takeoff
- MCAA or PHCC labor units available
- Purchase order printer
- Program for consolidating small jobs
- System by system totals of pieces, weight of items, total material cost and labor cost in hours

**REQUIREMENTS**

- Model III with 48K RAM and two floppy disk drives, or Model II with 64K RAM and two floppy disk drives
- Printer with at least 80 character print capacity

**CAPACITY**

- Model III price files is approximately 12,000 different items
- Model II price files is approximately 30,000 different items

**FOR FURTHER INFORMATION CONTACT****PRICE**

Esccomate \$ 4,900.00  
4412 South 89th Street  
Omaha, NE. 68127  
(402)331-8250

**RATING**  
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