NEWS

NEWSLETTER

TED BERG
President

In the two-and-a-half years since MCM first introduced the World's First Portable Computer, much has happened in the field of distributed processing and "desktop" computing. It is extremely gratifying for us to look back and see confirmation of our convictions regarding the desirability and need for portable low cost computing. Even more resounding a success than the hardware aspects of our product direction, we are proud of our selection of APL as the language of our computer. The growth of APL in useage, popularity and acceptance by other computer and peripheral manufactures has been steadily climbing. We hope we played a part in this rise in popularity. We are more conviced today, than ever before, that APL is the most logical choice for a personal computing language, as well as for customized interactive systems development.

As we begin our second full year of production deliveries, we extend our thanks to you, our supporters and customers, for your assistance. Many new products and extensions to our installed base are being introduced in this first issue of our Newsletter. Much more is planned for the near future.

This publication is hoped to be as much a vehicle for keeping you advised as to what we are doing, as it is a medium through which we can keep others advised of your successes and experiences with our products.

Please let us hear from you as well.

[signature: Ted Berg]

MCM NEWS

PERSPECTIVE
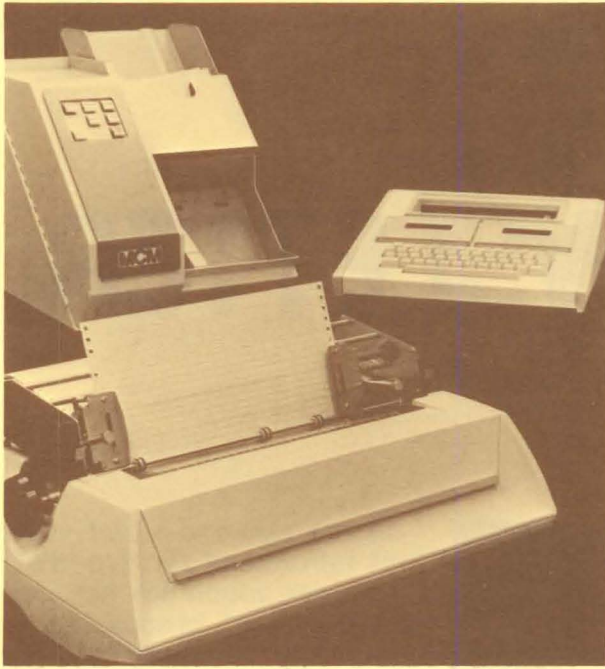
At MCM, our solid committment to our customers dictates the philosophy of keeping one step ahead of the competition.

Our first computer was introduced in 1973 as the - "World's FIRST stand-alone portable desktop computer" - the MCM/70. It took us 24 months before we introduced the second generation micro - the MCM/700.

The MCM/700 opened a whole new world - we now had the technology to interface with other devices (see "NOTE"). Shortly after, came the announcement of our first peripheral device - the high resolution printer/plotter - the MCP-132. Rated at 30 cps, the MCP-132 also provides a plotting resolution of 2880 points per square inch.

Our goal was to offer a complete micro computer system. We realized, to meet our objective required the ability to communicate with virtually any peripheral device. Realizing the task at hand, our engineers set to work creating the communications interface - the completed product was released for distribution in December of 1975. User selected, under program control, the interface operates at speeds of 110 up to 1200 baud, and can provide the ability for the MCM/700 to communicate with virtually any peripheral device, any computer, and with other MCM/700s.

But hold on - we didn't stop here! We would like to announce the introduction of the MCM DDS-500 DUAL DISKETTE system, and the latest addition to our list of applications software - the TEXT/700 Word Processing Package, also our new 400 cpm mark-sense/punch card reader. More information on these product releases can be found in the following text.

So - in this past year, we have done much to expand our operating system, the APL interpreter, and peripheral handling capabilities. In addition, a number of software products have been added which can facilitate user application of your MCM computers.

As you can see - we certainly haven't been sitting idle - nor do we intend to in the future! Thanks to you, MCM computers are in use around the world. It is you - our customers that are responsible for our success. By publishing this Newsletter, we hope to encourage active correspondence; not only between MCM and yourselves - but also between customers. By actively exchanging ideas and suggestions, we can all benefit. That's the name of the game.

In all future Newsletters this space will be devoted to reviewing the highlights of the preceding two months. Because this is our first edition, we felt it appropriate to give you a capsule history of MCM, highlighting some of our more significant achievements, and hopefully, bring you up to date on what we're actively involved in at the present time.

We look forward to hearing from you!

NOTE: If you presently own an MCM/70, it CAN be UPGRADED to handle the printer, communications interface, DDS-500, etc. In most cases the modification can be accomplished in the field. Consult factory for price and extent of modification required for your particular computer.
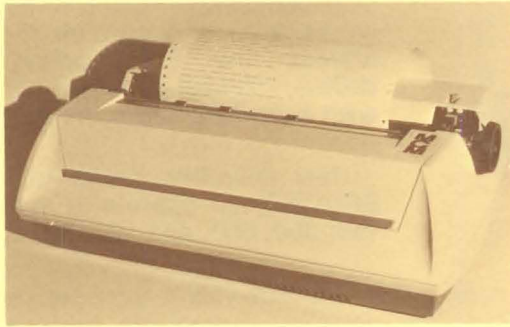
CARRYING CASE

For the traveller, we now have a carrying case for your MCM computer. Bound in black leather, the case is small enough to fit under an airplane seat. A worthwhile investment.

Price — $115

MCM PRODUCTS

MCP-132 PRINTER/PLOTTER

Quality and cost was foremost in our minds as MCM chose to offer the MCP-132 PRINTER/PLOTTER as our fully supported MCM/700 compatible printer. The MCP-132 is fast, silent, and reliable. It accommodates a number of available print wheels in a variety of type styles or fonts, including foreign languages - print wheels can be changed in a matter of seconds. Rated at 30 cps and up to 132 columns per print line - the MCP-132 also provides a plotting resolution of 60 positions/inch horizontal, and 48 positions/inch vertical (2880 positions/sq. in.). Optional attachments are also available, including an auxiliary tractor form feed for your custom application print jobs.

ANNOUNCING!

THE DDS-500 DUAL DISKETTE SYSTEM

January brings the introduction of the MCM DDS-500 DUAL DISKETTE SYSTEM. As with the cassettes, the DDS-500 runs under the AVS Virtual Operating System so programs can access both diskettes and cassettes interchangeably. Each model DDS-500 DUAL DISKETTE SYSTEM provides over 500,000 characters of on-line storage. Up to four dual disk drives can be attached simultaneously for a total of 2,000,000 characters of on-line stored data and programs.

If your storage requirements are less demanding, you might consider the SDS-250. The lower cost SDS-250 provides the same quality features as the DDS-500. The only difference is one less disk-drive and - of course - half the storage capacity.
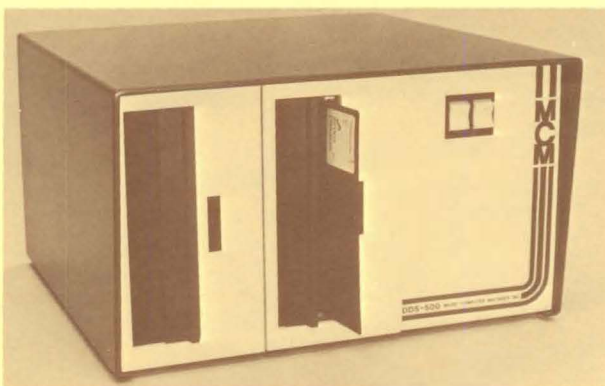
CARD READER NOW AVAILABLE

Correct! And not only does it simply read 80 column punched cards - but it also reads mark-sensed cards as well. The PMR-400 card reader is a definite asset to the family of MCM peripheral products. At a speed of 400 cards

per minute, your data throughput is greatly increased. The mark-sense capability invites the applications planner to use his creativity. In areas such as education, inventory reporting, order entry — the mark-sense reader can provide a number of advantages.

COMMUNICATIONS SUBSYSTEM

Attachment of the SCI-1200 Communications Subsystem makes the MCM/700 a truly universal computer.

The SCI-1200 gives the MCM/700 the ability to interface with practically any peripheral device whether it be another MCM/700, your present printer, plotter, crt - or even your own computer.

The Communications Subsystem along with the Omniport Interface, allows the MCM-700 to be used as a remote equipment monitoring device. Recording data on a continuous or intermittent sampling bases can be easily accomplished by having the remote peripheral turn on the 700 at the time data is to be reported.

MCM PRODUCTS

HARDWARE

For you technical buffs - the SCI-1200 provides serial data I/O compatible with EIA Standard Interface specification RS232/C, as well as standard protocols for ASCII, IBM Correspondence Code and Tektronix 4013/15 Graphics. The EIA driver is controlled by user-accessable tables which reside in the APL workspace, and can be modified to support almost any EIA compatible asynchronous device, including ASCII and IBM 2741 devices, with both APL and non-APL character sets.

User selected, under program control, the SCI-1200 can operate at speeds of 110, 134.5, 150, 300, 600, and 1200 baud.

The SCI-1200A includes the integral acoustic coupler compatible with any Bell standard telephone set.

COMING SOON!

In order to stay one step ahead of the competition it is imperative that all development on future hardware be conducted in the strictest of confidence. Therefore it will be our practice to keep you informed on any developments that will result in a product release sometime prior to the next Newsletter.

It is understandable that not all MCM users require all the features inherent in our presently available MCP-132 PRINTER/PLOTTER. Therefore; for those of you in this category, MCM will shortly announce a low cost 80 column impact printer. However - one advantage of the lower cost printer is its print speed - 120 characters per second! A number of people have asked about offering a CRT - hence the VDU-2480.

More information on our new low cost printer and the VDU-2480 will be presented in the next NEWSLETTER.

MCM/700 PORTABLE DESK TOP COMPUTER
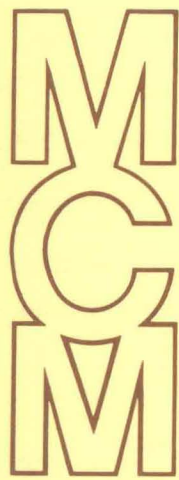
TEXT/700 WORD PROCESSOR

The TEXT/700 Word Processing Package is the MCM's latest addition to our line of available software products. Hardware requirements for the operation of the TEXT/700 consist of a Dual Cassette Drive 8K MCM/700 with the attached MCP-132 printer.

The TEXT/700 provides a full prompting capability in addition to a seemingly endless number of possible formatting options.

To use - simply load the TEXT/700 program tape and press the START button. After a few moments the program will request that you remove the program tape. The program now informs you it is ready to start processing.

One hours reading is more than adequate to become fairly confident in the use of the TEXT/700 package.

Some of the features of the TEXT/700 include variable character and line spacing, automatic right and left column justification, automatic page centering and numbering, optional text selection and customization.

TEXT/700 eliminates much of the repetitive work required to prepare documents such as reports, letters, contracts, proposals - not to mention the tremendous time saved when having to prepare, edit and update user manuals.

(1)

Tape Id: PAC Retrnd - Acc Closed
Creation Date: Feb 76

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(L24,R75,I0)¬DATE¬
(X3)¬1stNAME¬
()¬ADDRESS1¬   ¬LAST_NAME¬
()¬ADDRESS2¬
()¬ADDRESS3¬
(X1)Dear ¬1stNAME¬
(X1)Re: Policy No. ¬POL_NO¬
(X1)Enclosed is the ¬CHEK_MONTH¬ pre-authorized
cheque which has been returned from your bank
marked "account closed".
(X1)Please complete the enclosed Change of Bank
card and return it to our office that pre-authorized
by ¬RETRN_DATE¬, in order
cheque withdrawals will commence on
your new bank in ¬NEW_CHEK_MTH¬.
(X1)Please forward a personal cheque or money order in the
amount of ¬$$$$$$¬ to cover the ¬CHEK_MONTH¬ premium¬s¬ which ¬was/were¬
returned unpaid.
(X1)Thank you for your co-operation in this matter.
A return envelop is enclosed for your convenience.
(X1)Cordially,
(X4)Ms. Cathy Cummings
()Policyholder Services
(X1)cec
()Enclosure
```

MICRO COMPUTER MACHINES, INC.
133 Dalton Street, Kingston, Ontario, Canada K7L-4W2
(613) 544-9860 • TWX: 610-523-1155

World's first portable full-service APL computer World wide distribution/service

February 12, 1976

Mr. George Atkinson
433 Eighth Ave.
Clinton, Ontario
Canada

Dear George:

Re: Policy No. 45-A11-23

Enclosed is the January pre-authorized cheque which has been returned from your bank marked "account closed".

Please complete the enclosed Change of Bank card and return it to our office by Feb. 23 in order that pre-authorized cheque withdrawals will commence on your new bank in March.

Please forward a personal cheque or money order in the amount of $199.23 to cover the January premium which was returned unpaid.

Thank you for your co-operation in this matter. A return envelop is enclosed for your convenience.

Cordially,

Ms. Cathy Cummings
Policyholder Services

cec
Enclosure

(2)

TEXT/700 SAMPLE INPUT (1) AND OUTPUT (2)

MCM USERS GROUP

PROBLEM SOLVING LIBRARIES

A number of Problem-Solver Libraries are now available on magnetic tape cassettes, encompassing areas such as Finance, Mathematics, Statistics, and Complex Arithmetic. These preprogramed library routines are designed to assist the business man, the accountant, engineers, mathematicians, and even the student.

FINANCE [$200] — Consists of 16 commonly used statistical routines for analysing mortgages, annuities, interest rates, rate of return, present value etc...

MATHEMATICS [$400] — Why re-invent the wheel? Over 65 preprogramed routines designed to assist you in obtaining results, eliminating much of the time between problem definition and solution.

STATISTICS [$300] — Includes 37 commonly used analytical routines ranging from standard deviation to simple and multiple regression analysis, and exponential smoothing.

COMPLEX ARITHMETIC [$200] — 17 preprogramed routines including:

— Conversion of Real Structures to the Complex Equivalent

— Complex Conjugate of a Complex Number

— Polar to Cartesion Coordinate Conversion

— Sum / Product / Quotient of Complex Structures

— Etc...

A 20% DISCOUNT will be applied to the purchase of three or more Problem-Solver Libraries. A GAMES Library will be delivered FREE with the purchase of two or more Libraries. We felt you would have more time to indulge in a bit of fun!

Detailed information regarding any of the Problem-Solving Libraries can be obtained by checking the appropriate boxes and mailing the self-addressed information card on the last page of the Newsletter.

NOTE: All prices include cassette, documentation, and periodic Library updates.

MCM/APL USERS GROUP

The interaction of ideas between product suppliers and product users can provide immeasurable advantages to both parties. At MCM our main goal is to provide our customers with the latest technology in response to the present and future demands of the marketplace. As suppliers, our involvement in the industry, and in particular - the APL community - is very active. With this in mind, we feel we would be commiting a disservice if we ignored the possibility of uniting these various factions. It is also interesting to note that a number of publications have made favourable references to the advantages of MCM/APL in comparison to other APL offerings through various hardware and time-sharing suppliers.

At MCM we felt the time had come to take advantage of an organized consortium of MCM/APL users.

Through the formation of an MCM/APL Users Group we can form a single, influential voice in the APL community. Working closely together with the Users Group we at MCM can develop a better appreciation of the desires of our customers.

Through the exchange of ideas, techniques, software, etc... - all will benefit.

A good Users Group requires people. If you feel you have something to contribute or if you would simply like to share in the knowledge of others - drop us a line.

WELCOME

MCM is pleased to announce the appointment of Blandford Systems Ltd. of London, England as distributor for Eastern Europe. Established for over seven years, Blandford has offices and service facilities in Bulgaria, Czeckoslavakia, Hungary, Poland, Romania, and the U.S.S.R.

This agreement was expedited due to the enthusiastic response we received at both the Brno International Trade Fair in Sept. and the Moscow Trade Fair in Nov. of last year.

The Blandford announcement closely follows the signing of SYSMO S.A. of Paris, France as MCM's exclusive distributor for France.

PLACE
STAMP
HERE

MICRO COMPUTER MACHINES, INC.

1765 Shawson Drive, Mississauga,
Ontario, Canada, L4W 1N8

For further information on items mentioned in this Newsletter — simply fill out the information form below and mail to us at your convenience.

Please send me information for these items checked:

☐ DDS-500 DUAL DISKETTE SYSTEM   ☐ TEXT/700 WORD PROCESSING

☐ SCI-1200(A) COMMUNICATIONS SUBSYSTEM   ☐ MCM PROBLEM SOLVER LIBRARIES

☐ MCP-132 PRINTER/PLOTTER   ☐ COMPUTER CARRYING CASE

☐ PMR-400 MARK-SENSE/PUNCH CARD READER   ☐ I WOULD LIKE A DEMONSTRATION

☐ THE MCM USERS GROUP

☐ PLEASE NOTIFY ME AS SOON AS NEW
    PRODUCTS ARE ANNOUNCED

NAME...

TITLE...

COMPANY...

ADDRESS...

CITY................................. PROV./STATE.............

COUNTRY............................. POST/ZIP CODE.......... PHONE..........

MICRO COMPUTER MACHINES, INC.
1765 Shawson Drive, Mississauga, Ontario, Canada, L4W 1N8

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