Release: Immediate

DATAPOINT ANNOUNCES NEW 1800 DISPERSED PROCESSOR

SAN ANTONIO, AUGUST 23, 1978.... Datapoint Corporation today announced its new 1800 Dispersed Processor, a low-cost, multi-function data processing system designed for business applications. An advanced hardware design coupled with a comprehensive array of easy to use software, the 1800 provides extensive capabilities as a stand-alone system, as a member of an Attached Resource Computer ^{TM} system, or as part of a wider, geographically-dispersed network. Part of the Datapoint family of compatible processors, the 1800 allows users to complete a wide range of business data entry, processing, and communications tasks quickly and easily.

The 1800's powerful processor controls all system operations and is available with 60K bytes of user memory. The 1800's display memory is fully programmable, allowing for the generation of 128 characters under program control. The large, 80-column by 24-row video display screen can display inverse video (dark characters on a light background) on a character-by-character basis. Blinking and split screen displays are also available for more effective operator prompting.

(60638)   more - - -

The 1800's 55-character keyboard provides a full set of upper- and lower-case and special characters, and is organized in the standard typewriter layout. In addition, an 11-key numeric pad is included, as are five processor control keys. Also included are five programmable function keys that may be used for tab or cursor positioning or for program branching statements.

As a further operator convenience, the 1800 keyboard is easily detachable. By simply pressing two release buttons, an operator may move the 1800 keyboard to a more comfortable position as a one meter cable links the keyboard with the processor.

The communications interface integral to the 1800 permits both auto-dial and auto-answer operations in the synchronous, bi-synchronous, asynchronous, and SDLC line protocols. The 1800 processor, keyboard, video display screen, and communications interface are combined in an attractively-styled housing suitable for any business environment.

Included with the 1800 Dispersed Processor is a dual-drive diskette module. Using double density diskettes, the module can store up to one million characters of information. The 1800 supports up to four of these modules, for a maximum on-line storage capacity of 4 MB. In addition, the 1800 is compatible with nearly all Datapoint peripherals, including line, belt, and matrix printers, magnetic tape units, communications modems, and many others.

"The 1800's exceptional versatility makes it a highly efficient system for data entry, data processing, and communications," notes Edward P. Gistaro, senior vice president and general manager of Datapoint's Data Processing Division. "With the 1800, a business can accomplish a wide range of tasks with a single system."

The 1800's comprehensive software capabilities fully complement its advanced hardware design. Interactive COBOL and DATAFORM® are available on the 1800 for data entry applications. For data processing, programs in BASIC, COBOL, RPG, and DATABUS® may be written, compiled, and executed on the 1800. Datapoint's DATACCOUNTANT™ General Ledger, Payroll, and Professional Time Accounting applications software packages are also available for use with the 1800.

Datapoint's powerful Disk Operating System (DOS) provides a basic framework for operations and includes handy utility programs such as LIST, SORT, and EDIT. The DOS common file structure means that files created on the 1800 are compatible with any other Datapoint system (and vice-versa). In addition, programs compiled on the 1800 may be executed on any other Datapoint system.

The 1800's extensive communications features make it a valuable member of any network. For batch teleprocessing applications, the 1800 can emulate the 2780, 3780, HASP, and RES line disciplines. Data inquiry can be accomplished with the 1800 using the standard teletype protocol (TTY).

Datapoint's MULTILINK™ language may be used for real-time communications with a remote host mainframe, including tasks that require processing a remote database. The 1800 can also participate in Datapoint-to-Datapoint networks using the DATAPOLL package. With DATAPOLL, programs can be down-line loaded to allow central control of remote operations.

The 1800 Dispersed Processor offers further versatility through its compatibility with Datapoint's Attached Resource Computer system. Linking nearly any number of Datapoint processors through compatible software and electronic interconnection, ARC™ systems provide virtually unlimited processing power, efficient use of system resources, a database common to all users, and an easy, modular growth path.

As an applications processor in an ARC system, the 1800 can be used to enter, process, and communicate data just as in its stand-alone and networking modes. In addition, the 1800 has access to all system resources, including the common database, communications links, and printing facilities. Only the addition of an ARC interface is required for the 1800 to participate in ARC system operations; no hardware modification or software revision is necessary.

The Datapoint 1800 Dispersed Processor has a purchase price of $12,500, and a three-year lease rate of $377 per month. The maintenance fee is $124 per month. Additional
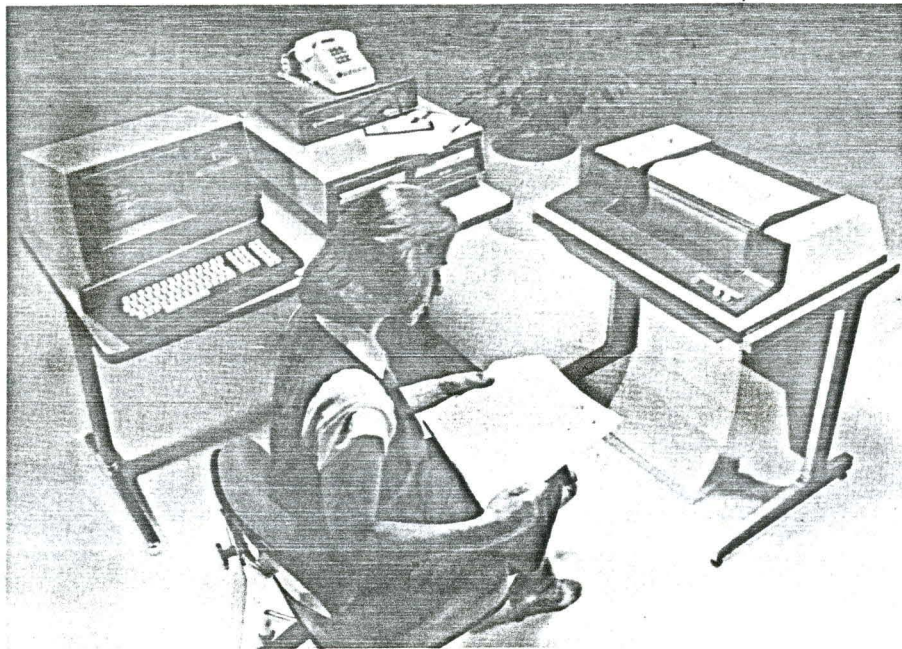
one million character diskette modules may be purchased for $4,100 each (the three-year lease rate of additional diskette modules is $115 per month each).

For more information on the Datapoint 1800 Dispersed Processor, contact your local Datapoint sales office or Datapoint Corporation, Attn: Data Processing Division, Marketing Communications (M62), 9725 Datapoint Drive, San Antonio, Texas, 78284.
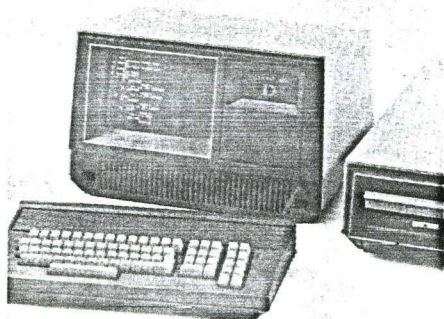
-30-

Datapoint introduces
the best little COBOL computer money can lease.

Buy it for $12,500, or lease it for $377 a month. The new Datapoint 1800 is the first low-cost COBOL business computer to give you that option.

Capable of stand-alone or dispersed data processing, the 1800 fits easily into the office environment. An optional matrix printer is shown.

The new Datapoint 1800 dispersed processor is designed to adapt to today's business needs. Use it for data processing, data entry and communications — wherever you need a powerful and easily used computer capability that you can grow with. Use it stand-alone or in a widespread network; a built-in interface makes communications easy. You can even use the 1800 as part of an Attached Resource Computer™ System.

A detachable keyboard with a standard typewriter format allows for easy operator training and ease of use.

Like the other processors in Datapoint's line, the 1800 follows the family tradition: applications software used with other Datapoint processors works with the 1800. So if it's a step up, or an intermediate step in a growing sys-

tem, you won't have to start over with new software.

You have a choice of efficient programming languages:

Interactive COBOL	BASIC
ANSI COBOL	BASIC PLUS
RPG II	Assembler
DATABUS®	DATAFORM®

Powerful and easy to use
With 60K bytes of user memory, the 1800 allows fast program execution. Economical double-density diskette data storage can be expanded from the standard one million characters up to four million.

The wide range of peripherals available (shown here with a matrix printer) allows you to tailor a system to the tasks at hand.

Its standard typewriter-format keyboard helps make operator training easy. And the large 80-column-by-24-row display with regular or inverse video helps make it easy to use.

Nationwide support
Datapoint's nationwide customer support organization stands behind the 1800, with over 500 service representatives in nearly 200 local offices. One toll-free call gets you support and service in a hurry.
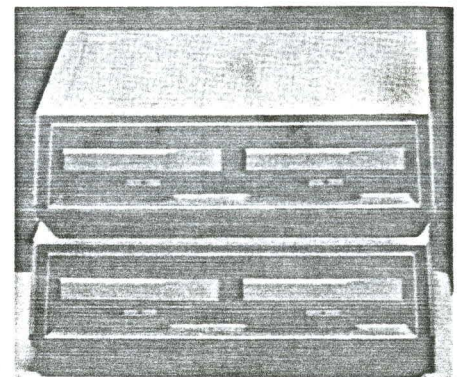
At an affordable price
The 1800 leases for $377/month on a 3

year basis. One and two year leases, as well as rentals, are available. Metro-area maintenance is $124 per month.

The Datapoint commitment
Datapoint has a corporate commitment: to fill today's business data processing needs better than anyone else. To do that, we have to out-think, out-perform and out-service our competition. The 1800's low cost and sophisticated capabilities put us another jump ahead.

Double-density diskettes provide economical storage for one to four million characters.

For more information on the new Datapoint 1800, or any other Datapoint processor, system or service, call the sales office nearest you, or simply clip and mail the coupon.

DATAPOINT CORPORATION

The leader in dispersed data processing™