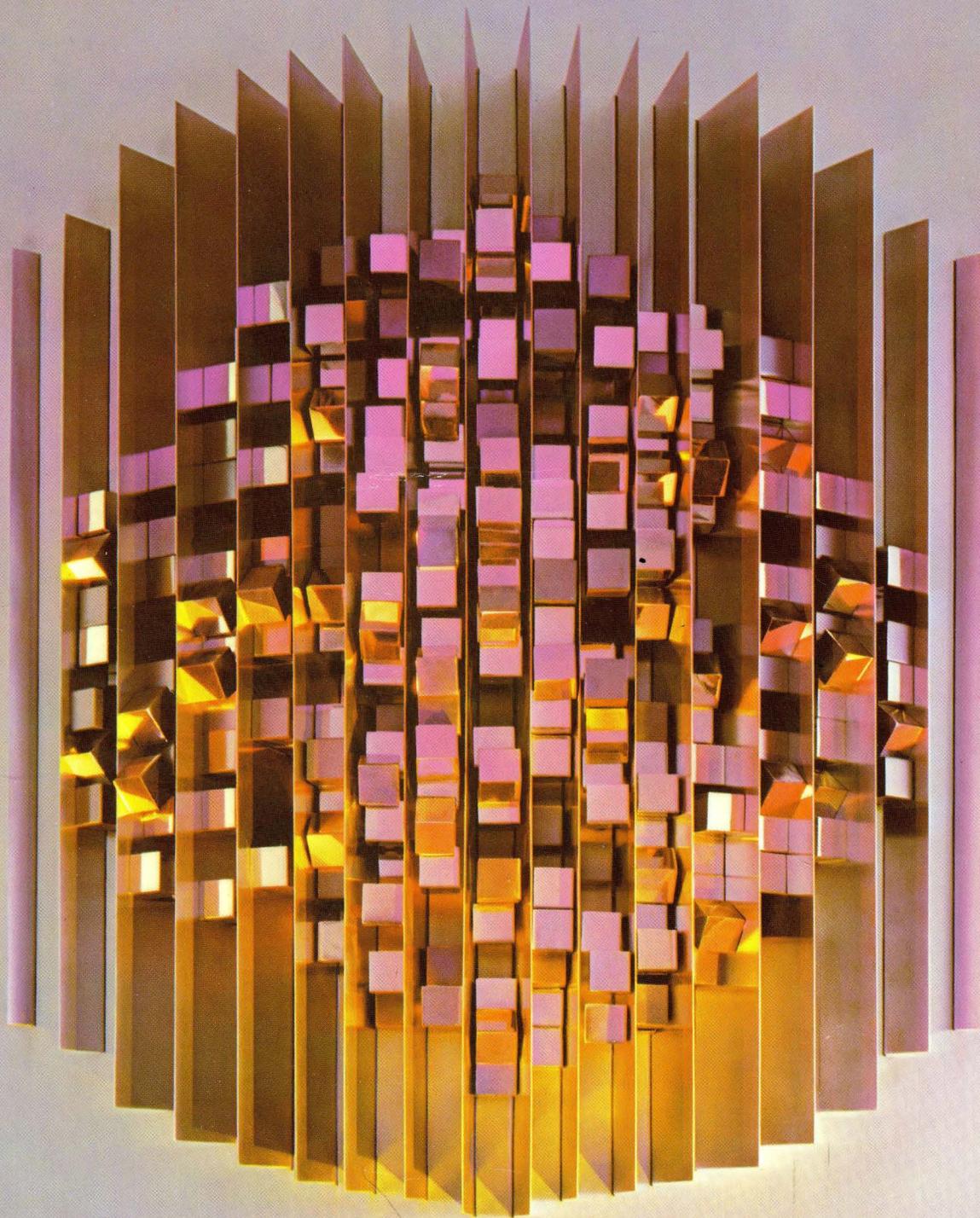


SPERRY UNIVAC
1100/60
On-Line Computing
for the 80's



Adaptability—for the 80's . . .

The challenges of change are many: growth, complexity, competition, control.

The computer, responsive to changing business operations in the past now provides managers more opportunities to control and effect change.

Timely management and operational information and control are now more than aids to profitable decision-making—they are necessities.

Meeting those needs within a framework of continuing inflation, continuing price increases and difficult capital formation is a challenge that Sperry Univac has accepted.

We offer the 1100/60 Series. Low in cost and compatible with the advanced features found in the Series 1100 family, the 1100/60 offers you *fourteen major* processing levels, with the opportunity for nearly a *ten-fold* growth in performance.

The 1100/60 can fill your computing requirements today, and can be easily adapted to any organizational changes you make tomorrow.

Because it is easy to access in an on-line mode, the 1100/60 is eminently suitable for use in the management decision-making process. Information for decision-making can be obtained either locally or from another location in distributed processing networks.

The 1100/60 retains the inherent Series 1100 capabilities for communications management and control. Yet it is adaptable to include SPERRY UNIVAC communications network processors. This permits the 1100/60 to perform centralized management functions as well as dispersing functions to more remote locations.

The speed, power and versatility of the 1100/60 let you take advantage of opportunities to supply service that is faster, more accurate, dependable and cost-effective.

And the advanced technology, modular design and greater functionality built into the 1100/60 assure you that your investment in this key management resource is well protected.

If you are interested in a computer system that combines ease-of-use and advanced data processing capabilities at a low cost, consider the SPERRY UNIVAC 1100/60 System today.

It is part of an evolutionary process begun in the 1960's that will continue through the 1980's and beyond.



SPERRY UNIVAC is a trademark of Sperry Corporation.

All specifications subject to change without notice.

Features for Functionality— and Flexibility . . .

Above all, the 1100/60 is part of the Series 1100 family—one of the most powerful and versatile families of computer systems available today.

The 1100/60 is your entry into the Series 1100 family, at a low threshold of complexity and cost. The latest advances in large-scale integration (LSI)—together with a design architecture featuring multiple micro-processors—makes the 1100/60 powerful, yet compact and low in cost.

The central processor and input/output unit are functionally independent, but are housed in a single cabinet. You don't have to give up precious floor space to house the 1100/60. And its cooling and power requirements are low.

Main storage can be either integrated with the central processing cabinet, or externally housed in a separate cabinet depending on capacity requirements.

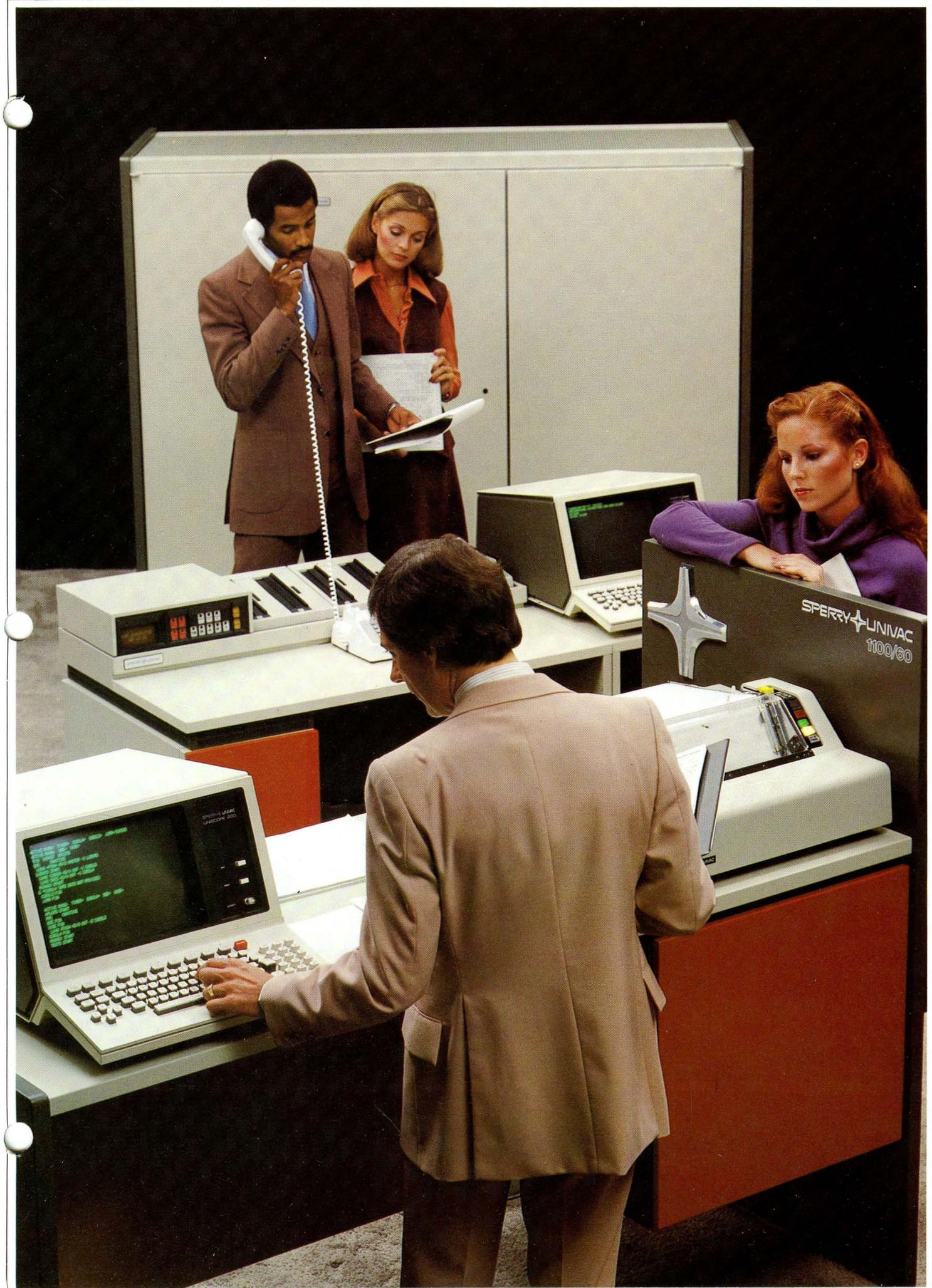
Best of all, the same features that make the 1100/60 small in size and low in cost also make it large in functionality: the 1100/60 can fill all your requirements for on-line and distributed processing throughout the 80's.

The key to the functionality of the 1100/60 is the comprehensive 1100 Operating System—compatible throughout the Series 1100 family—and the extensive library of Series 1100 software. You get support for on-line data base, data communications, distributed data processing, interactive program development, research and analysis, and traditional batch and remote-batch processing.

Distributed processing functionality exists not only between the 1100/60 and other Series 1100 systems, but extends to include smaller computers or intelligent terminals coexisting within a Sperry Univac communications network.

Flexibility is further enhanced by the modularity and performance range of the 1100/60. From a basic system the 1100/60 can be expanded in modular increments to a system almost ten times as powerful. This allows you to start small and increase the size of the system to match your growth and needs. There is never a reason to purchase more than you need.





Fourteen Processing Levels—Nearly Ten Times More Performance...

The 1100/60 offers fourteen distinct processing levels. Models C1, C2, E1, E2, H1, H2 and multiprocessor configurations provide increasing processing capability to match your individual requirements. All 1100/60 models use the same 1100 Operating System, so you can grow from the entry level C1 model in steps to the largest H2 multiprocessor model by the addition of equipment. No replacement of equipment is necessary.

The basic 1100/61 C1 system is a very powerful, cost-effective processing complex offering industry leading large scale functionality. This is an ideal system for computer users moving up from medium scale systems; entering into data base, data communications or distributed processing environments; or adding more processing power to an existing data processing department.

The 1100/61 C2 system is the next step up in performance and contains an extension to the instruction set contained in the C1 system. The Extended Instruction Set provides an optimized set of business oriented instructions which accelerates processing in the on-line data base, data communications and batch environments.

The 1100/61 E1 system features the addition of a high speed buffer memory and multiprocessor capability. The high speed buffer provides a transparent storage interface that significantly increases the effective execution speed.

The 1100/61 E2 combines the performance advantages of the E1 model with the Extended Instruction Set.

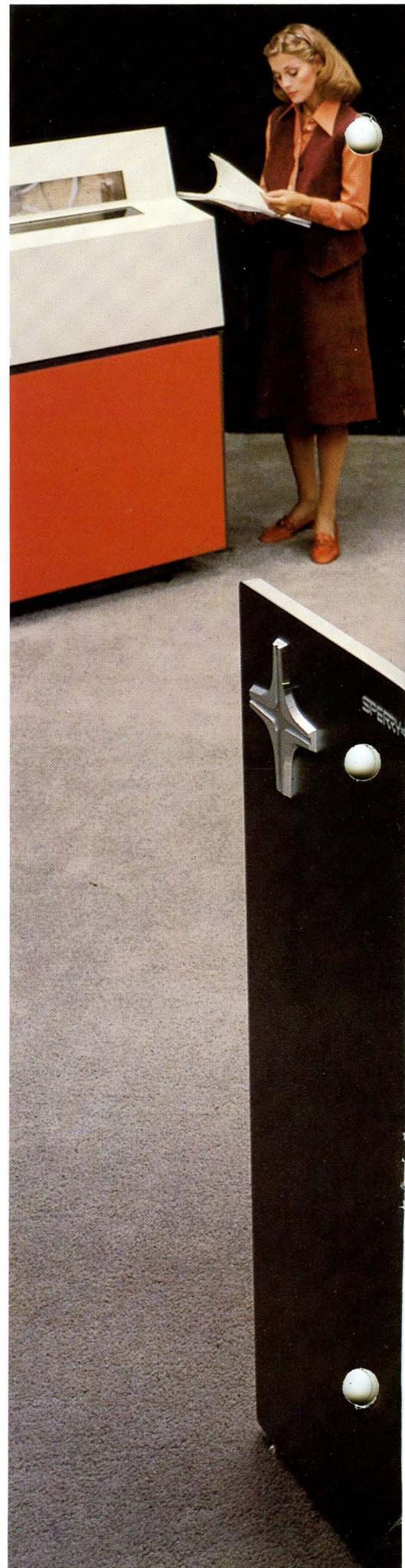
The 1100/61 H1 goes a step beyond the 1100/61 E1, providing additional performance by increasing high speed buffer memory size.

The highest performance unit processor 1100/61 system is the H2 model. It contains all of the

features of the H1 model plus the Extended Instruction Set. The H2 combines the increased raw processing power of the H1 with the accelerated business processing capabilities of the H2 model. Higher performance, redundant multiprocessor configurations are available with most models with the addition of from one to three appropriate expansion processors. Your choice to move up to a multiprocessor can be made for many reasons: as a simple increase in performance, as an incremental growth step, or to develop a cost-effective, fully redundant system for critical on-line applications.

In all, the modular design of the 1100/60 offers you fourteen major processing levels and up to nearly a ten-fold performance growth. Thus you can select the 1100/60 configuration that fits your performance requirements today and opens the way for easy expansion as your needs grow.

In addition, the full input/output equipment complement available on the large-scale 1100/80 systems, including the high performance Cache/Disk Subsystem, is also available for use on the 1100/60. Programmable and nonprogrammable front-end communications processors support on-line accessibility in either centralized or distributed communication networks. And growth in the on-line environment is transparent to current on-line users of the system.





Availability and Security— Today and Tomorrow . . .

Availability—it's the key to usefulness, and to informed decision-making. With on-line, natural-language information access provided by the 1100/60, your managers get the data resource they need, when they need it.

This gives you more than increased productivity from your on-line users, it also increases the accuracy with which your managers make decisions in your day-to-day operations. And the 1100/60 is designed to assure you that vital information will have maximum availability.

Productivity from your computer system must begin with a system that is available for your use. The 1100/60 knows when it has an internal problem, diagnoses the problem, and then logs the result and alerts the system operator.

Generally the occurrence of a problem won't affect availability because the 1100/60 will circumvent the problem. One method the 1100/60 uses to achieve continuous availability is by including parallel instruction circuitry and comparing results. If an instruction fails, the 1100/60 will reset itself and

retry the instruction, all automatically. It will attempt to correct problems—or at least isolate the problem component so that the system continues to operate.

When the system corrects a problem it will log that information for later use by the Sperry Univac Customer Engineer. The information contained in the log will provide explicit information to assist the Customer Engineer in rapid correction of the problem.

Instructions that exercise the 1100/60 to uncover potential problems are routinely and automatically initiated by the system.

Assistance in diagnosing problem areas can be accomplished by Sperry Univac Customer Engineers via a teleprocessing connection to the Sperry Univac Total Remote Assistance Center (Trace), and the Systems Support Processor in the 1100/60. This connection can be made even when the 1100/60 is not operational.

The Trace network allows the Customer Engineer to have instant access to the most recent service

information. At Trace headquarters a team of highly specialized Customer Engineers can examine the 1100/60 at your location, run diagnostic programs and assist the local Customer Engineer in correcting the problem.

From the security standpoint, the 1100/60 is unexcelled. Access to the system by the on-line user is controlled via a unique identification/password as part of terminal sign-on procedure. Data access based on security classification is controlled by restricting data access to only those users who know the proper keys.

To protect your files from accidental or deliberate destruction, the 1100/60 offers extensive control functions within its 1100 Operating System. Your programs are run in a "user" mode with extensive storage protection provided.

Finally, system privacy and integrity are ensured by a comprehensive logging mechanism which records all significant events during system operation—including any attempted security violations.



An Investment In On-Line Computing —for the 80's . . .

- Increased productivity . . .
- Greater information availability . . .
- Better control of operating costs . . .
- Greater profitability . . .
- Improved customer service . . .
- Increased return on investment . . .

These are your goals for the 1980's—goals that you can reach with the help of on-line data access—goals that can be achieved through sound investment.

The SPERRY UNIVAC 1100/60 System, through its use of the latest technology, its ten-fold performance growth potential, its advanced data processing functionality, and its features for

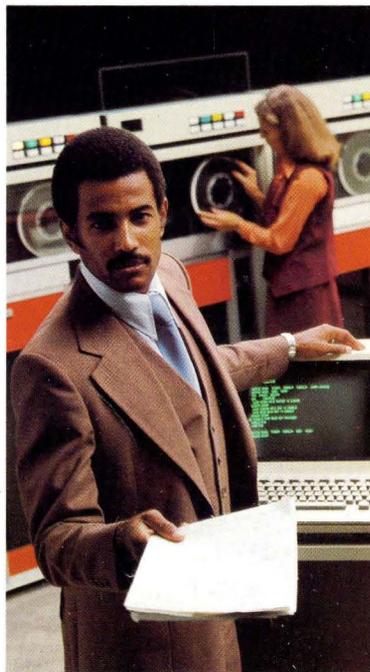
availability, reliability and maintainability, offers you an attractive return on your goal-directed investment.

As your business has grown and evolved into what it is today, your data-processing needs have also grown and diversified. You know that it will continue that evolution through the 1980's, and the 1100/60 has the modularity and growth to respond dynamically to your needs.

We have designed the 1100/60 to keep up with your needs—and to anticipate them. The 1100/60 is adaptable to your operations. It makes data available

on-line, as you need it. It helps you keep up with the present, and the future.

Whether your requirement is for on-line access to your data resource, either centralized or distributed; for interactive program development, research or analysis; for traditional batch or remote-batch processing; or for any combination of these things, the 1100/60 offers you a cost-effective solution that can be customized to your exact specifications.



SPERRY  UNIVAC

The computer people who listen.