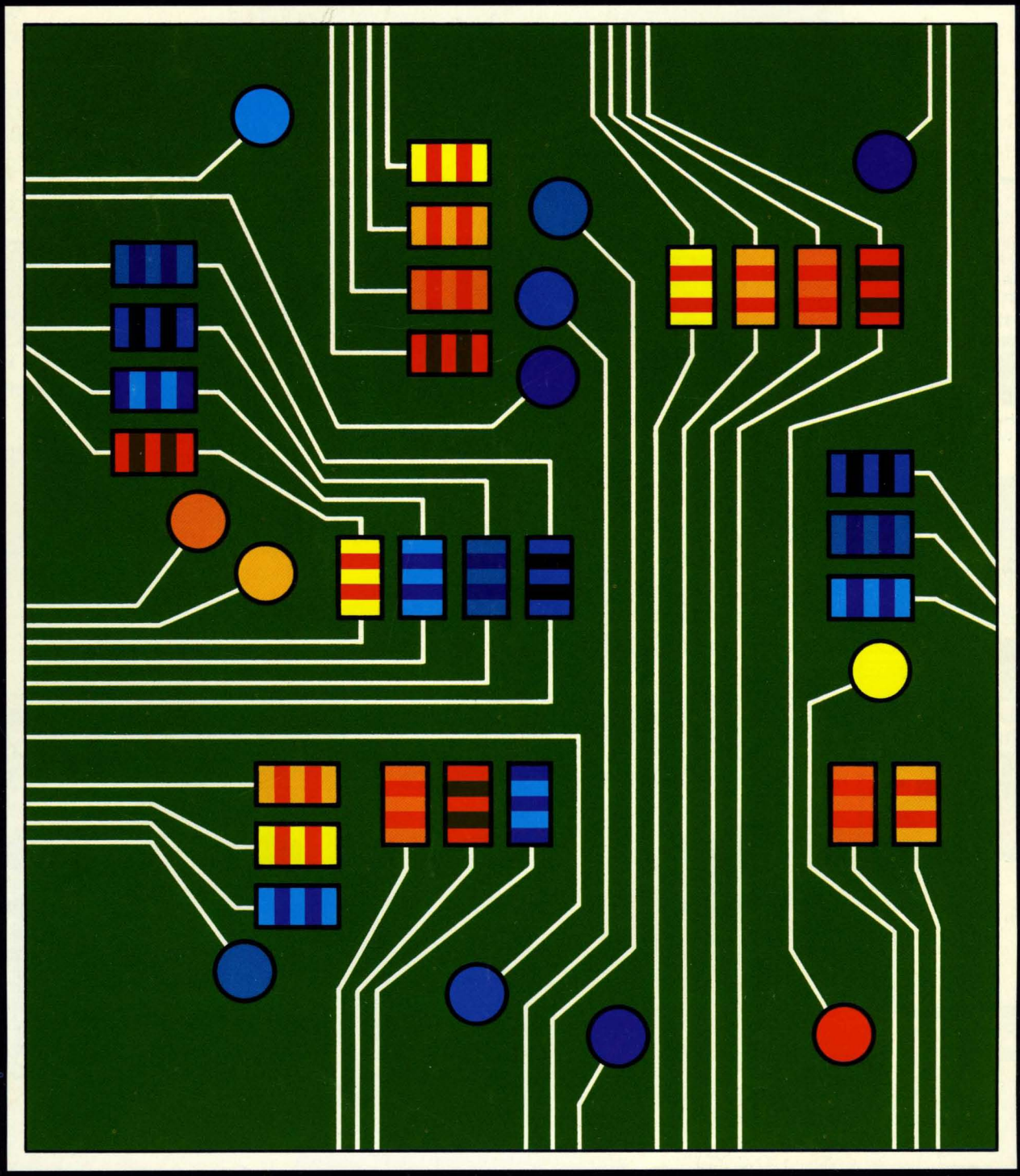
Qantel: The first and last computer you will ever need.



Qantel's commitment to you

Qantel began operations as a manufacturer of business computers in 1969. At that time, two commitments were made that would ultimately result in positioning Qantel as a recognized leader in computer technology. First, Qantel would concentrate its entire corporate energies on the research, design, development, manufacture, marketing, and service of business computers. And second, all Qantel hardware and software would be specifically designed to enable untrained first-time users to participate fully in all programming and operational aspects of Qantel computer systems.

In fulfilling these commitments, Qantel virtually rewrote the book of business computer technology. New theories were advanced, new hardware was designed, new languages were developed, and new programs were written to achieve a businessman's computer.

As the development process progressed, an important design philosophy slowly began to emerge. Simply stated: Qantel was applying a *"common sense"* approach to the development of business computer technology. This get-back-to-basics philosophy did not result from a particular management direction. Instead...it was simply a method that worked.

In 1973, Qantel entered the market with a totally unique system of small business computers. The climate for success was ideal, for at that time, management-level executives of small to medium-sized businesses had little or no access to business computer systems, even though they were experiencing the same types of growth-stunting problems that had turned larger corporations to electronic data processing.

Qantel responded to this need with a no-nonsense business computer that succeeded in providing first-time users with all of the benefits made possible by advancements in computer science, but without all of the size, price and operational burdens inherent in existing data processing systems. The following is a profile of the Qantel systems and of the philosophy that makes them work:

Modularity...the building blocks of success

Qantel pioneered the modularity concept in business computer technology. This "building block" approach means that Qantel hardware can be assembled in a variety of configurations to accommodate liberal growth and flexibility within each system.

Further, it means that the hardware can be packaged in compact, attractively designed components that literally plug right into an existing office environment, without the need for expensive installation or a specially monitored atmosphere.

Unlimited potential for growth

To accommodate virtually unlimited potential for your company's future growth, Qantel designed its systems to be upwardly compatible. This technology is unique with Qantel and offers some very important advantages.

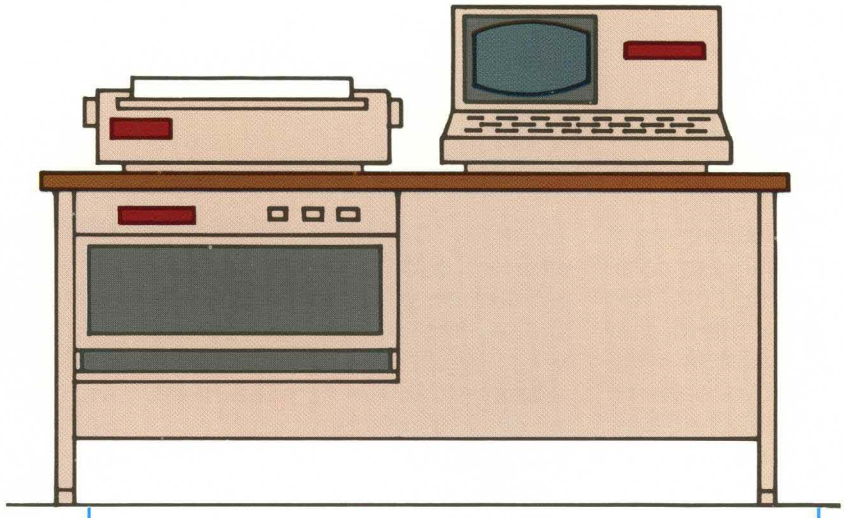
For example, we can install a Qantel computer to handle your current level of business. Then, as your company expands and has need of additional computer capacity, you simply add operators, add memory, add storage, and add applications to accommodate your increased requirements.

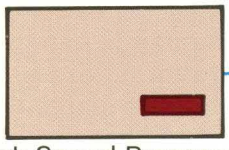
More importantly, upward compatibility means that you can expand to succeeding generations of Qantel equipment without obsoleting your investments in hardware, systems design, applications programming, and operator training, and without changing business procedures. Simply stated: As your company grows...so grows Qantel.

Software...
the power to do the job

Computer software development is a vital area of concern for Qantel Corporation, since their commitment to first-time users demands that programming be easily understood.

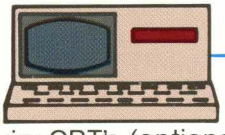
System 900



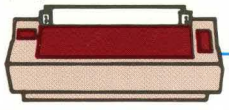


High Speed Processor
(optional)

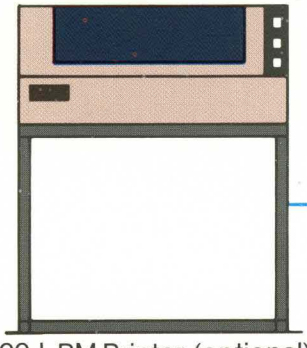
Tape Drive (optional)



Inquiry CRT's (optional)
(up to 16 in total)

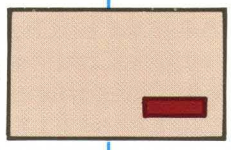


60-100 LPM Printer (optional)



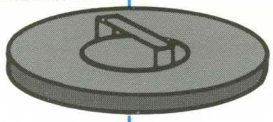
300 LPM Printer (optional)

User Memory 6000characters

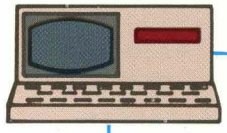


Disc Memory 6 million characters

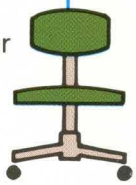
Expandable to 36 million characters

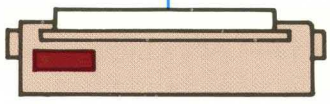


Standard Terminal CRT
Screen capacity 27 lines

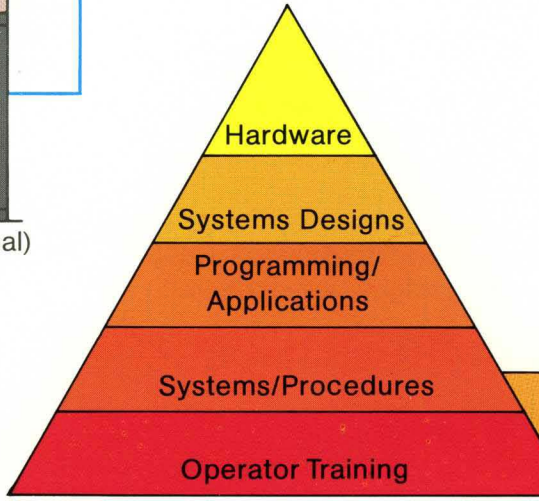


Operator



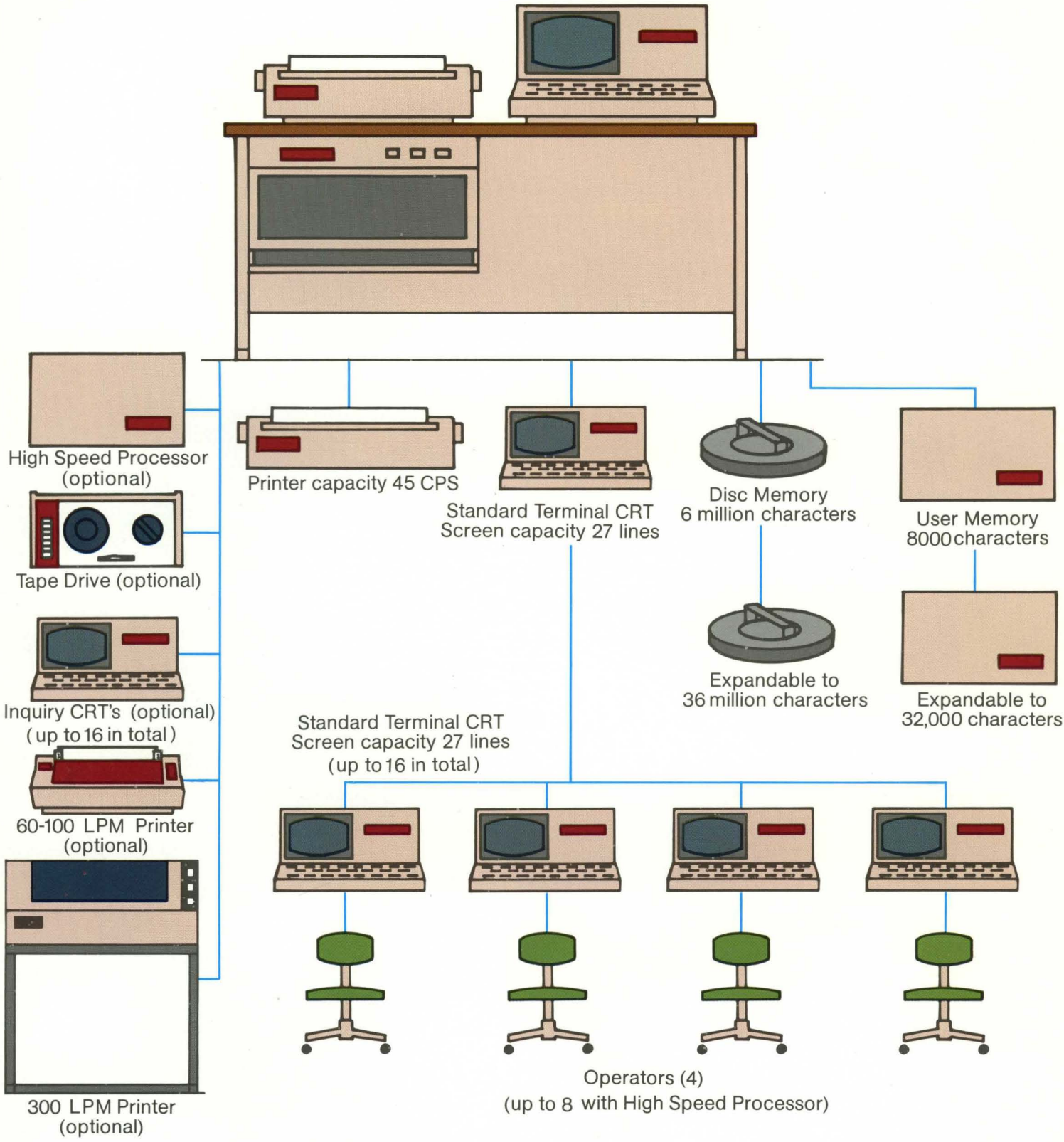


Printer capacity 45 CPS



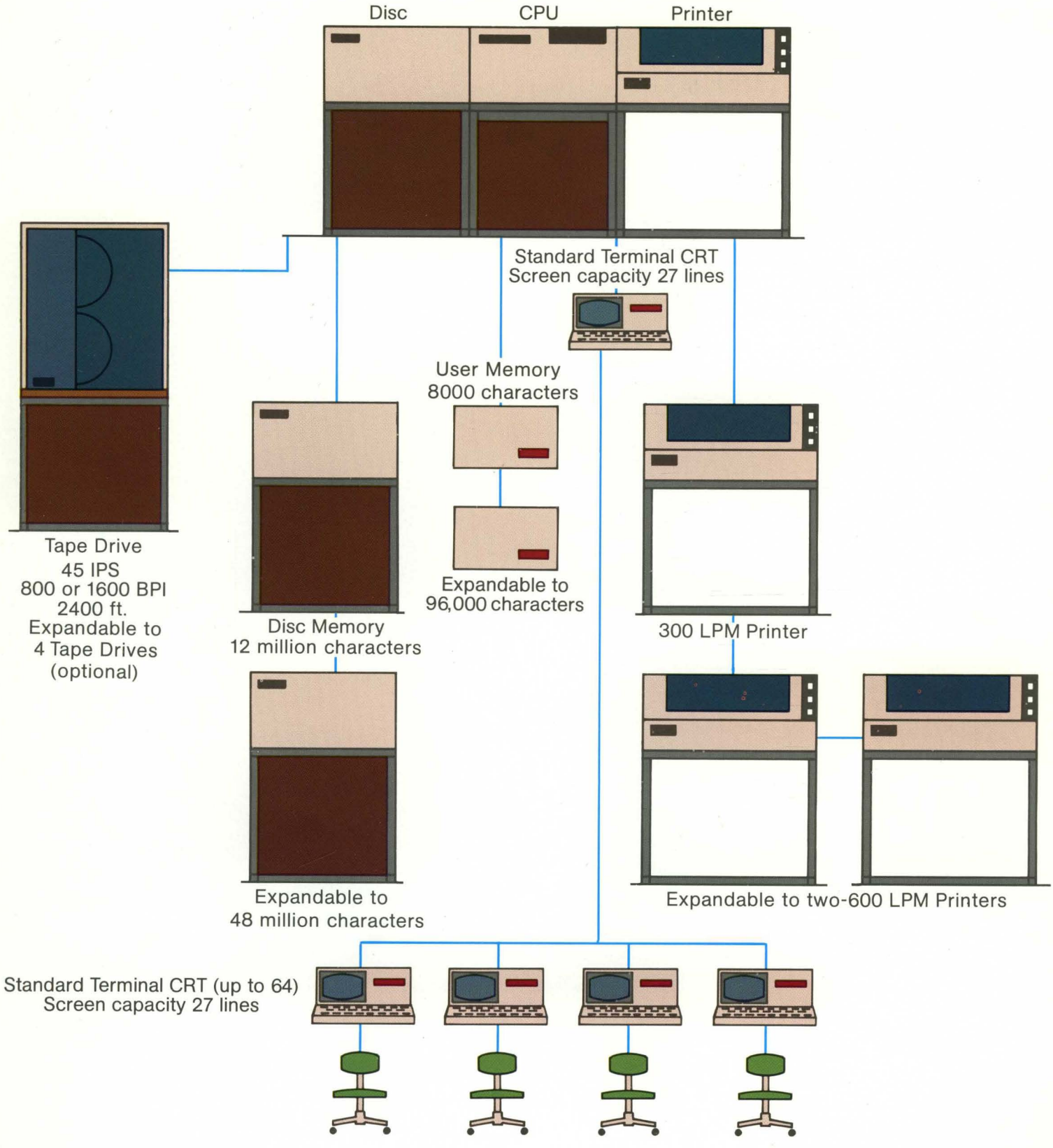
The Computer Buyer's First Investment.

System 950



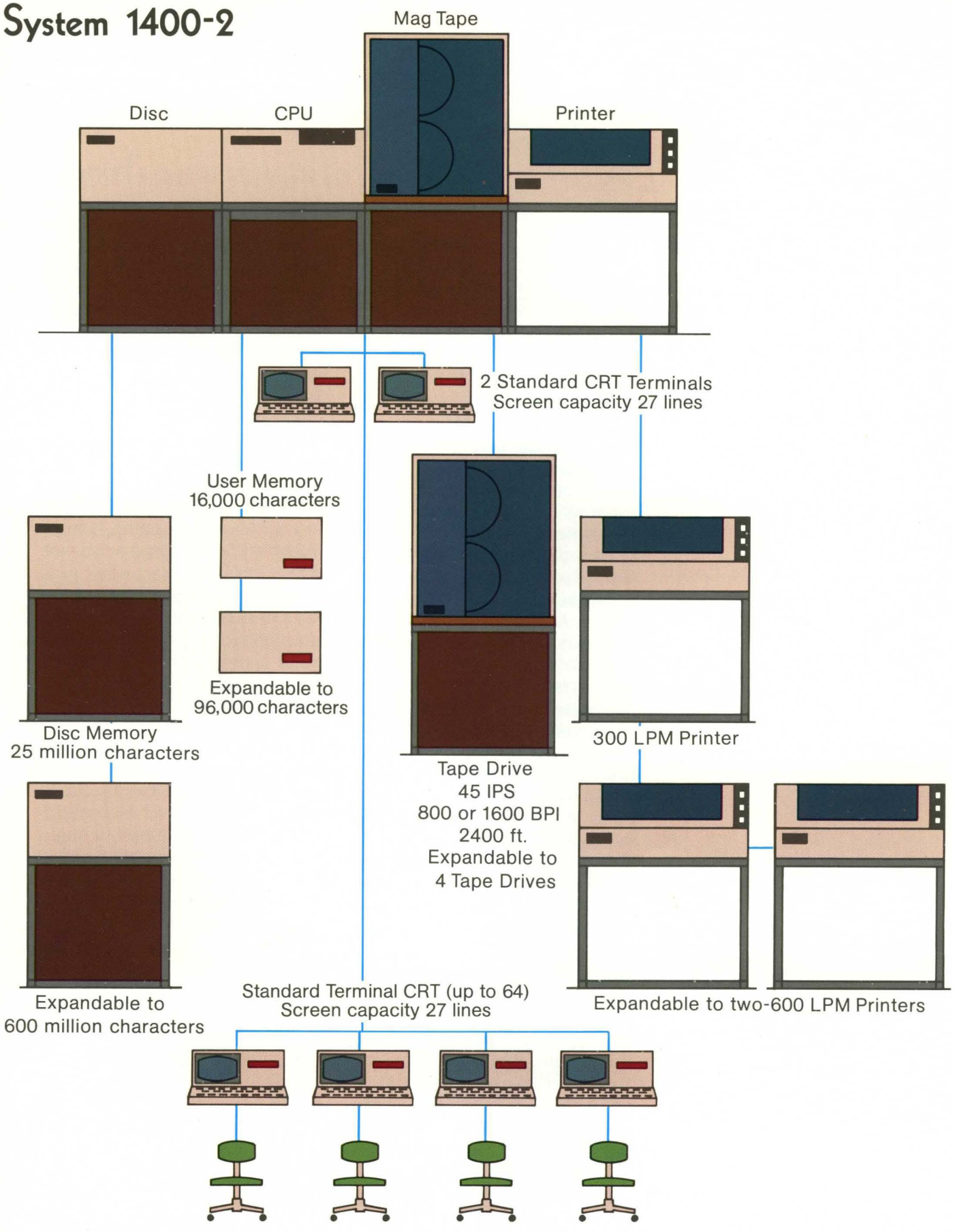
Modular – never obsoleted.

System 1400



Modular – never obsoleted.

System 1400-2



Modular – never obsoleted.

The common sense approach to computer language

A major advancement in achieving this goal has been the development of Qantel's QICBASIC programming language. QICBASIC is an easy-to-learn, English-derivative computer language that is similar in concept and command structure to Dartmouth BASIC, yet is far more valuable to the first-time user because it's designed specifically for business applications.

By combining the QICBASIC programming language with Qantel's BEST operating system, even persons with little or no training are fully capable of writing meaningful and productive application programs on Qantel business computers.

The common sense approach to program generation

Qantel achieved a revolutionary breakthrough in application program development with the creation of the PROGRAM GENERATOR. This invaluable programming aid is further evidence of Qantel's common sense philosophy. By giving the computer the job of remembering programming syntax and performing all of the repetitive work, the person writing the program enters into the computer only the most important, most essential information about the business application.

As a result, Qantel's PROGRAM GENERATOR reduces the skill level required of the programmer, simplifies system design, ensures higher quality programs, reduces time and cost of testing and debugging, permits faster installation and start-up, and simplifies program changes.

The common sense approach to report generation

To provide users of Qantel equipment an opportunity to use their system's data base more fully, Qantel developed the REPORT GENERATOR. This unique software package enables first-time users to generate special decision-making reports that were not provided for when the system was first installed.

A simple question-and-answer dialogue specifies the user's report requirements, which are then automatically translated into an application program that prints the specified report. Once the report has been generated, all specifications are automatically retained by the computer, and the user need only request the report by name if it's ever required again.

Load and go with SOLUTIONS

Most businesses have similar requirements for order processing, inventory control and accounting. So Qantel provides SOLUTIONS. These consist of hundreds of off-the-shelf application programs that can be plugged into Qantel computers for fast, efficient use.

SOLUTION does it all, including order entry, invoicing, inventory analysis, information inquiry, purchase order processing, sales analysis and payroll. It writes invoices, generates checks, and prepares government reports, general ledger and financial statements.

The SOLUTION packages have saved companies literally thousands of dollars in software development and implementation costs, while putting Qantel systems right to work in a minimal amount of time.

A brief look ahead

The preceding statements have recounted only a few of the many extraordinary contributions Qantel has made to business computer technology. In the years to come, businessmen can look to Qantel to make even further progress towards solving their everyday problems. Each innovation is further indication of Qantel's commitment to business, and another reason why a Qantel system is the first and last computer you'll ever need.

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