TELETYPE

where the data movement started
and startling moves are being made...

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Data:

Business, industry, and government seldom make a move without moving a variety of bits and pieces of information. For it's this intelligence that decisions are made of. Decisions to act. React. Stop. Go. Or change directions. This is our business. Helping man collect, integrate, and distribute data. Quickly. Reliably. Accurately. At extremely low cost. *Providing equipment that not only meets the data needs of today, but that has the capabilities to meet the demands of tomorrow.*

R & D

Teletype maintains a complex of separate laboratories in its research and development program. Manned by scientists, engineers, chemists, and mathematicians. Men who are probing deep into electronic logic, mechanisms, systems, solid state devices, transmission capabilities . . . tackling problems of environmental conditions, noise, speed and switching. Creating new and better ways to meet man's insatiable desire to generate, move, and utilize the data he needs to increase his productivity.

Engineers of Manufacturing

A high percentage of Teletype employees are involved in the manufacturing/engineering area. Applying the latest techniques and processes. Developing data communications terminals that withstand the most demanding application requirements. Tenacious terminals that go on and on with minimum maintenance problems. Teletype's stress on engineering of manufacturing is a prime reason your data communications investment is far less and delivers a greater return when Teletype terminals are designed into your data communications system.

Application Consultants

Teletype application consultants help solve thousands of data communication problems every year. Have an intimate knowledge of data management planning. Have the equipment and know-how needed to satisfy the most unique aspects of data handling operations. These men are at your service. Ready to help you obtain maximum communications effectiveness. You'll find no better source for ideas, equipment, and results.

Teletype

. . . meeting today's data communications needs for . . .

...speed and quiet

The Inktronic® terminal: An electronic, solid state printer. Quiet. Jets the message to the page at speeds up to 1200 words per minute—tomorrow it will be even faster. The ink guidance system has no moving parts. Prints through electrostatic deflection. On ordinary, inexpensive paper. It is used as a monitoring device for high-speed tape-to-tape systems. As a computer output terminal where large volumes of printed data must be produced economically. As an input and interrogation tool for computer communications. In addition to the RO (receive-only) set shown, KSR (keyboard send-receive) sets and ASR (automatic send-receive) sets will soon be available.

...flexibility The most versatile of all data terminals: The Model 37. In performance, design, or capabilities it has no peer. Sends and receives up to 150 words per minute in ASCII (U.S.A. Standard Code for Information Interchange). Types in upper and lower case. Prints two colors. Handles text, figures, equations, chemical formulae, tabular material, charts or graphs with equal facility. With the Model 37 an operator can set tabs on-line. Advance forms in any number of remote locations and fill them in. The unit is also an ideal computer input/output terminal. Automatic send-receive with paper tape handling facilities, keyboard send-receive, and receive-only sets give you a complete data communications capability.

$(a + b)^2 = a^2 + 2ab + b^2$
$O_2+2H_2O+4e=4OH^-$
CH_3
H_3C $C=O$
HO
H_3C
F
O
CH_3
STRESS
STRAIN
THE QUICK BROWN FOX
jumped over the LAZY DOGS BACK
The Quick Brown Fox
JUMPED OVER the Lazy Dogs Back

...high-speed tape transmission

Telespeed high-speed tape-to-tape systems can send and receive a whole day's data accumulation in minutes. Inexpensively. Feed a computer ten, fifteen, twenty times faster than copy can be manually typed. Move large volumes of data unattended. Provide automatic error detection and correction. Teletype offers Telespeed terminals that communicate at speeds from 750 to 1200 words per minute. They are being used to exchange data with central on-line computers, in point-to-point data exchange in any number of remote locations.

...accuracy The Teletype Model 35 (ACS) Automated Communications Set with verifier. Helps speed up the tedious task of filling forms. Helps eliminate errors and costly mistakes. The key to the operation is the verifier control: A "private eye" that shadows the hordes of variable information which must go down on paper correctly. The set has two tape readers that inter-operate at programmed intervals to get both fixed and variable information to the right place at the right time on the form without wasted time, motion or mistakes. The Model 35 ACS can be used to transmit business forms on-line to any number of remote locations. The Model 35 ACS comes from a family of heavy-duty data terminals, the Model 35 line, which includes ASR, KSR, and RO sets.

...economy The Teletype Model 33 line. A way to get a data communications system off the ground fast. Keep data flying reliably at extremely low cost. An integrated terminal line with all of the options needed to assure fast, accurate data flow. The Model 33 operates at 100 words per minute with the ASCII code. You can use it for computer input/output, with many other business machines, or as a data link between any number of remote locations. And the cost of this terminal will surprise you. So will the cost of its operation. Both are really economical.

How Teletype Equipment is Being Used

Time-Sharing. Teletype terminals are being used in a variety of ways in computer time-sharing applications, enabling man to obtain real time or instantaneous answers to problems even though he may be a mile or thousands of miles from the computer.

Order Processing. Teletype terminal networks are helping numerous companies automate order processing, maintain inventories, prepare invoicing. One network, for example, coordinates activities of over 700 salesmen in fifty states and Canada.

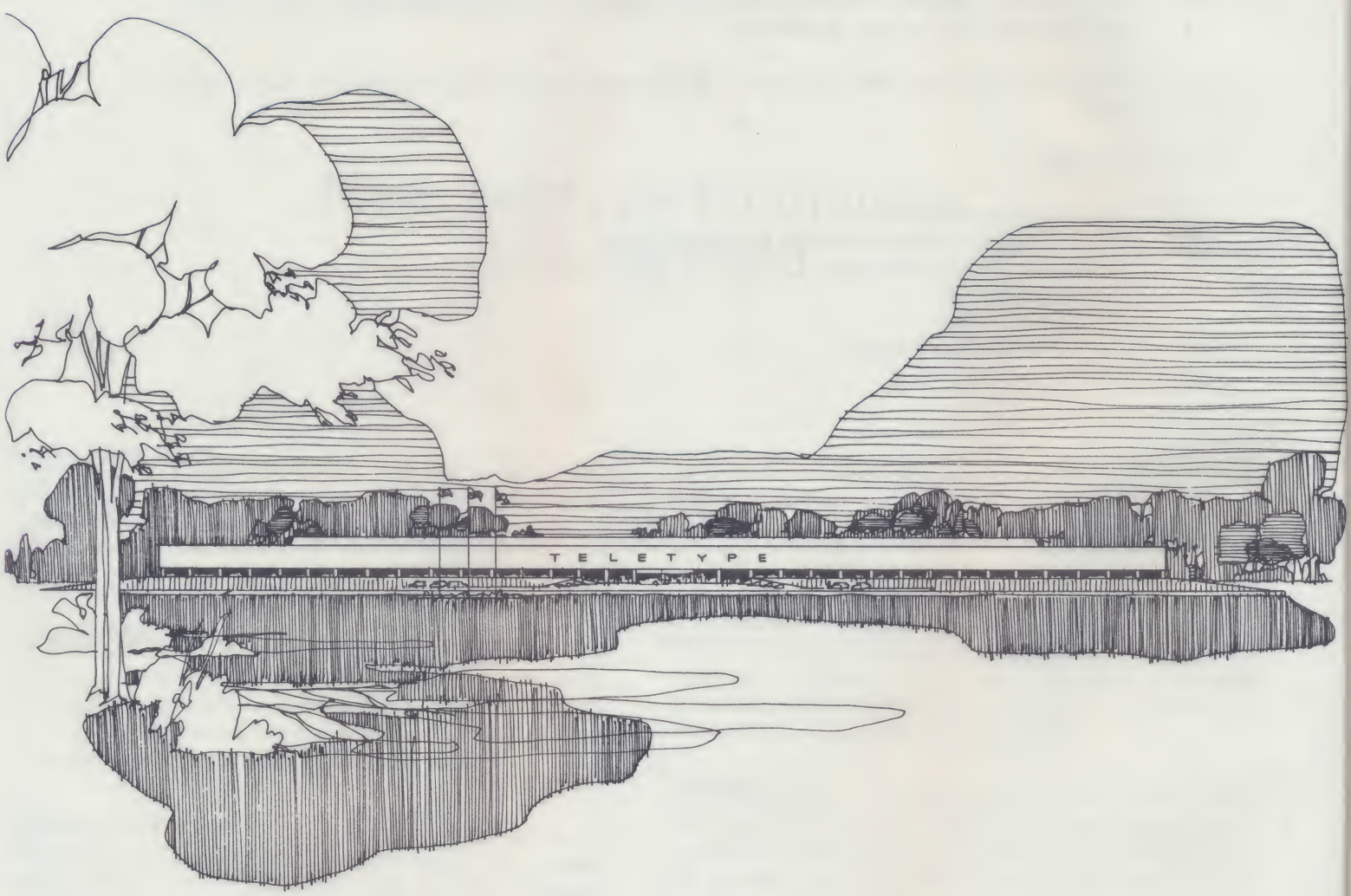
Education. There are a variety of computer assisted instruction programs being carried out in primary grades, high schools and universities using Teletype terminals as input/output devices. Algebra, physics, computer science, math, basic reading, spelling and arithmetic are among subjects being taught.

Medicine. A group of Kansas hospitals use Teletype equipment to send pathological and radiological tests to a central laboratory. Obtain written analysis faster. Hospitals use Teletype equipment to improve handling of administrative reports and centralize purchasing of supplies.

Manufacturing. In the assembly line of today's leading automobile manufacturers, Teletype equipment maintains split-second coordination of all assembly points. Helps assure proper parts and accessories arrive where and when needed.

Marketing. A major steel producer with multiplant facilities uses a Teletype network to handle over 10,000 messages, orders, and shipping data daily. Have cut average turn-around time per customer inquiry from days to 45 minutes.

Space Exploration. On every one of our nation's manned spaceflights, Teletype equipment has served as the communications link between the worldwide network of 18 tracking stations and the flight control center.



Teletype plant, Little Rock, Arkansas

this is only a part of the story

. . . for Teletype is making many moves in moving data at very little cost. That's all we're really concerned with—economical, versatile and incomparably reliable data communications equipment.

Teletype has terminals and accessory equipment for practically every data communication system requirement. For more information about:

LEASED SERVICES, consult your local telephone or telegraph company.

PURCHASING (or general information) about this or any Teletype equipment, contact our Sales Organization at the general offices address shown below.

When ordering input-output terminals for your DATA PROCESSING SYSTEM, be sure to specify Teletype equipment—your vital communications link.

machines that make data move

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