The Sycor Model 350 and 340 Intelligent Stand-Alone Terminals.
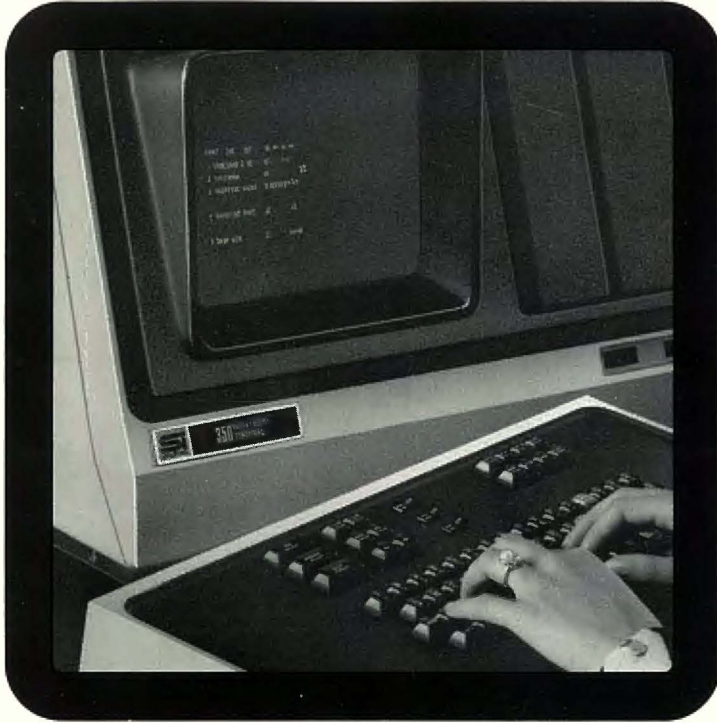
The Sycor Idea: More Than Just Data Entry.

If you're using your terminals just to enter data—not to manage it—you're probably wasting time and money. Because your daily operating information is still being kept at the central computer site.

Now there's an economical way to manage records right at your branch offices. So you can use them where you need them, when you need them.

It's the Sycor Model 350—the first fully integrated, dual flexible disk intelligent terminal. Its compact size lets you put it into any office setting—without investing in another piece of data processing furniture.

The Sycor 350 features a moveable typewriter-like keyboard, 500,000 characters of random access storage and 16k bytes of programmable memory that lets you do things with a terminal you may never have thought possible.

Reduced Keystrokes, Improved Accuracy, and Inquiry/Response.

It means you can complement your keyboard operations by retrieving information from the two diskettes and inserting it into your data records.

Think what that can mean in your sales order entry tasks. Just key in the customer number, and both the bill-to and ship-to information flash on the screen. Key in a product code number, and the price and description automatically construct an invoice—giving you by-product information, when you need it, to update inventory files.

Or use the Model 350 for inquiry/response. Just type in a code number and you have all the information you need at your fingertips using the Model 350's own file management and disk storage capabilities.

All of which means reduced keystrokes, improved accuracy for you.

And you can extend the operation of your Model 350 with our easy-to-use data processing TAL II language for faster, easier, more efficient software control. TAL II not only offers the ability for

To Help Stretch Your Data Processing Dollar.

All the Advantages of Teleprocessing.

table look-up, range checking, equal comparison, check digit verification and general-purpose instructions, but gives you arithmetic capabilities as well.

When you want the impressive power of the Model 350, but don't need the random access diskettes, look at our Model 340. It's equipped with one or two cassette recorders; with each cassette capable of storing 250,000 characters of data—the equivalent of almost one box of punched cards. And, because the recorders are either ECMA/ANSI or NRZI compatible, you can interchange data with large scale computers as well as small business systems.

Both terminals contain the same built-in intelligence that makes your operator's job as easy as possible. Format programs on the CRT guide your operator faultlessly through simple fill-in-the-blanks data entry, while TAL programs edit and check the data, field by field. If errors do occur, they can be isolated on the screen and easily corrected.

Both models also offer four speeds of printers (80, 165 cps and 300, 600 lpm), a variety of magnetic tape drives (7 & 9 track, 800 bpi and 9 track, 1600 bpi), a high-speed card reader (250 cpm) and a selection of communications options for increased data entry flexibility.

To help stretch your data processing dollar, the Models 350 and 340 operate in binary synchronous (1200-4800 bps) and asynchronous (110-1200 bps) communications. So you can do time-sharing and remote batch tasks on the same terminal.

For remote job entry applications, use the Model 350 or 340 with its high-speed card readers and 300 or 600 lpm printer like a 2780 terminal. And, since both terminals already contain a CRT and keyboard, you don't have to pay extra for them.

When you need more storage than diskettes or cassettes can offer, use our IBM-compatible magnetic tape drives. With them, your terminal can poll and collect data from other branch office terminals in the evening, when the telephone rates are low, and return the processed data the same night. And they work completely unattended—so you don't have to pay overtime.

And with our auto-dial feature, the entire sending and receiving process is automatic, giving you all the advantages of teleprocessing—without any of the complexities—at a fraction of the cost.

Clustered Data Entry.

When you're looking at several Model 340s or 350s for use in one location, look at our new Sycor 440. It lets you do data entry and concurrent processing with shared files. All with a 10m character disk which supports up to eight video displays and a variety of peripheral devices.

Best of all, it's software and communications compatible with our Model 340s and 350s.

A Word About Sycor.

Sycor pioneered the concept of intelligent terminals—now the fastest growing segment of the data processing market—back in 1971, with the Model 340. Since then, we've produced more than 25,000 intelligent terminals that are now in use in 38 countries around the world. Here at home, they're used by half of the Fortune 500 companies.

The secret of this success is simple—we were the first in the field. And, while other companies were working on intelligence, we were developing better ways of making it work.

Let us show you how we can make it work for you.

Accurate Data at the Source.

Placing just any terminal at your source locations is only half the answer to the problem of source data entry. Because even at the source, errors can, and do happen.

If not corrected immediately, these errors can tie up your central computer during peak loads, degrading the efficiency of your communications network.

And tying up your computer to do error checking is like hiring Einstein to do your taxes.

The Model 350 and 340 intelligent terminals go one step further. They let you detect operator errors and invalid procedures right on the spot, before your computer gets involved.

As a result, there's less interaction with the central computer, more efficient use of your telephone lines and increased operator efficiency.

Specifications.

General
Weight—Model 340: 85.5 lbs.
Weight—Model 350: 107 lbs.

Power—115V AC±10%, 60Hz, single phase, 400 watts (Model 350: 455 watts) maximum exclusive of peripherals

Operating temperature range 50°F to 100°F

Humidity range 20% to 95% relative humidity over the operating temperature range

Keyboard (Model 350: movable)
26 alphabetic keys

10 numeric keys (in both typewriter *and* adding machine configuration)

32 special symbol keys

23 function keys to control terminal operation, display, and recorders

Cathode Ray Tube Display
576 character display

9 lines with 64 characters each

4-3/4″ by 5-1/2″ viewing area
5 x 7 dot matrix character formation

2 cursor keys

4 edit-function keys

Cassette Recorders (Model 340 only)
ECMA/ANSI or NRZI compatible media

Capacity—200,000 characters (280 foot tape)

1000 character per second data transfer rate

120 inch per second rewind speed

Automatic read-after-write check

Guaranteed ability to read Model 340 generated cassettes on any compatible Model 340 or Sycor 440

Dual Flexible Disk
(Model 350—optional on 340)
Capacity—486,288 characters maximum (3796 records of 128 characters)

Latency Time—83 msec average

Average Positioning Time—93 msec (random seek)

Media—IBM 3740 diskette or equivalent

Transfer Rate—approximately 20,000 characters per second

Communications Option
1200-4800 bps (using binary synchronous procedures)

110-1200 bps (asynchronous)

8 bit USASCII or EBCDIC transmission codes, LRC or CRC checking

SYCOR INC