ENTREX 480

The ultimate data entry
system. We made it speak
the operator's language.

**The ENTREX 480 is our CRT-to-disk, data entry and
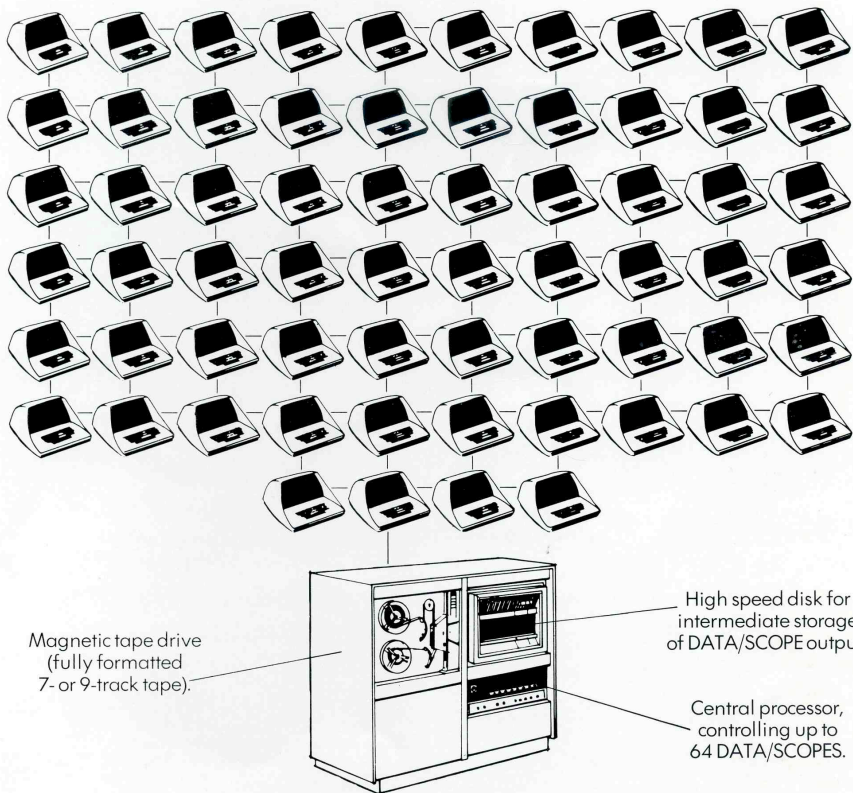verification system with magnetic tape output.**

And while we were at it, we made it operator-proof. Because the girl preparing data
doesn't usually know much about computers. Or data processing.
Or perhaps even the machine she's operating.

So to her, our ENTREX 480™ System and DATA/SCOPE™ visual keystation is a typewriter
and a nifty little TV screen.

To you, it's a whole new way of recording data. One that gets 100% accurate input into your
computer faster, more easily, and at lower cost than ever before. A system that enables
quick and efficient editing, balancing, batching, merging and verification — all the things
you've wanted to do with your input *as it is prepared!*

Now you can do it all — for less than you're spending. And because it's so simple to operate,
you can hire the operators on looks alone.

Magnetic tape drive
(fully formatted
7- or 9-track tape).

High speed disk for
intermediate storage
of DATA/SCOPE output.

Central processor,
controlling up to
64 DATA/SCOPES.
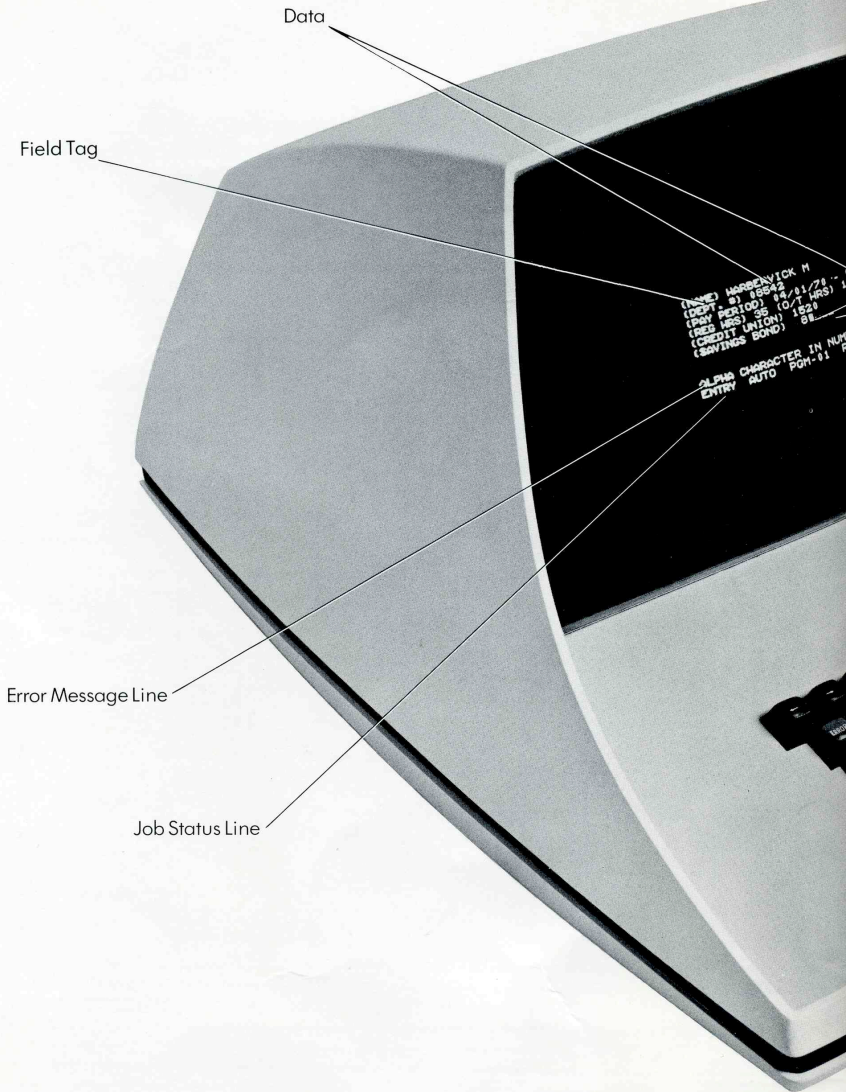
ENTREX 480 at a glance.

The ENTREX 480 System features its own dedicated computer and disk, controlling up to 64 individual DATA/SCOPE visual keystations. Each keystation can independently enter data in an unlimited number of different formats.

Entering data is simple! The operator merely fills in the blanks of the job format displayed on the DATA/SCOPE's 480-character display. If questions arise, she pushes the exclusive HELP! button and receives instructions for any operation.

ENTERING MISTAKES IS DIFFICULT! The ENTREX System checks each field for validity. Format checks, batch totals, upper and lower limits and zero balance checks may be performed on each field as it is entered. The operator may visually compare the data on her screen with the source document, just as a secretary proofreads a letter after typing it.

Verifying data is simple! Once recorded, the data may be visually verified or key-verified by the same or another operator. Of course, you may *combine* the advantages of visual and key-verification.

The 100% accurate data is then transferred to industry-compatible magnetic tape for immediate high-speed processing by your existing computer system. Tape output, *in your computer's format*, is on 7- or 9-track magnetic tape. Plus it's properly edited, blocked and labelled.

Data

Field Tag

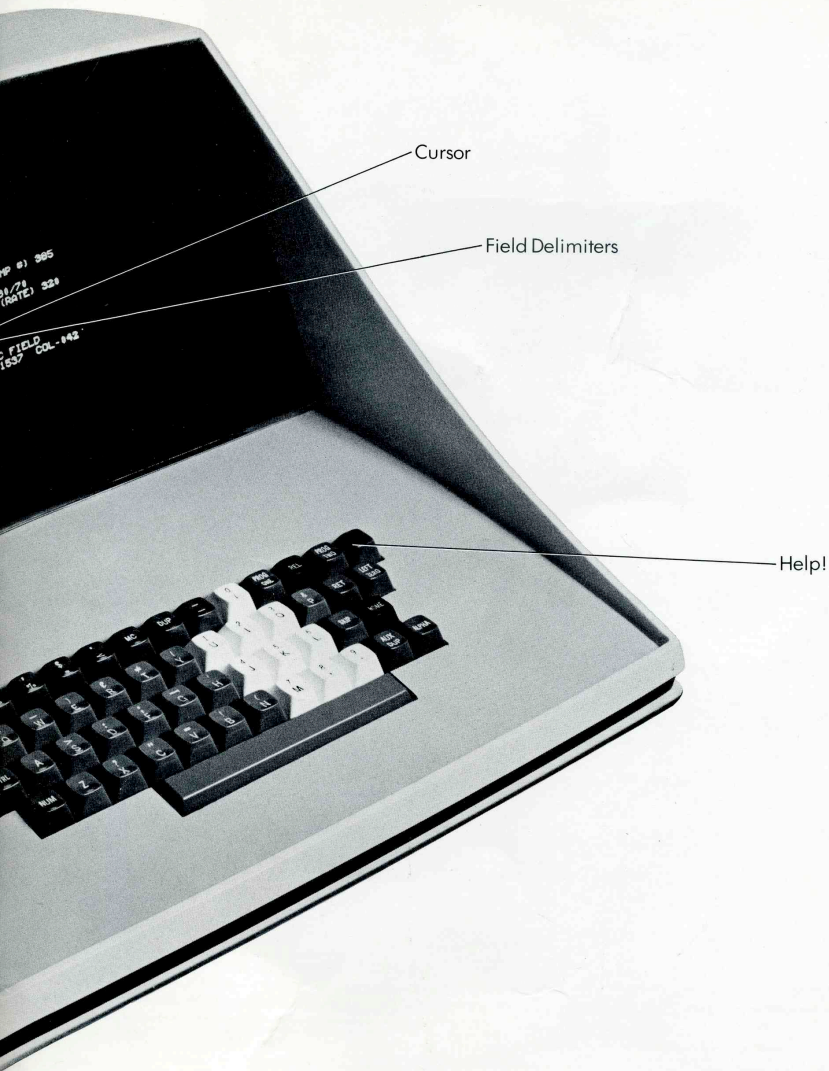Error Message Line

Job Status Line

Seeing what you're doing

There's nothing like it. Whether you're flying a plane, driving a car, or baking a cake. Preparing data is the same. When the operator can visually compare the source document with her input, confidence rapidly soars. Accuracy improves, and data is prepared faster. All this means lower input costs than you ever imagined.

The DATA/SCOPE keystation features a 480-character display, the most comprehensive in data entry. It lets the operator see much more than other systems. She sees everything she needs to know, including the field name and the data being entered. A moving cursor indicates the position

Cursor

Field Delimiters

Help!

makes all the difference.

about to be entered, and should the wrong letter or number be keyed, the operator merely backspaces and strikes over, correcting the mistake.

Every operator feels instantly at ease behind the DATA/SCOPE. A choice of keyboards is offered, including both keypunch and typewriter styles. A soft clicking sound helps maintain keying cadence, while insuring a quiet working environment.

And the girls just love our unique HELP! button. Should the operator forget the procedures, she just presses for HELP! Then, simple step-by-step instructions tell her what to do. That's all there is to it!

ENTREX 480 works for you.

Insurance policies and claims forms, purchase orders, credit applications, and payroll data.
All these documents have something in common: they are not in 80-column format.
This raises havoc with system designers who must shoe-horn data from these forms into
punched cards and eventually into the computer for processing.

The result used to be more and more cards to be punched. And verified. Over and over again
until the data from a policy or application had been handled by clerk after clerk.

Those days are gone! *Now ENTREX 480 fits the system and equipment to the job.*
Your operators merely fill in the blanks in exactly the same format as the source document.
ENTREX 480 produces a magnetic tape containing all the input, fully coded, blocked and edited —
in precisely the format you want — *even your old card format!*

It works like this: a record format program controls the display and checks during data entry
to the ENTREX disk. A second type of program controls the recording of data from the disk to
magnetic tape. This two-program approach allows you to arrange the DATA/SCOPE screens for
fill-in-the-blanks formatting, plus provides magnetic tape *exactly* the way your computer wants it.

Resystematization? Never. Elimination of your tab equipment? Very likely.
Modernization? Increased data preparation? Reduced turnaround time? Lower cost?
Yes, Yes, Yes, Yes!
The result is truly the ultimate in data entry. These features tell you why:

Editing is easier than ever.

Before ENTREX 480, editing of input required extra steps and highly skilled experts.
Now it's so quick and easy, your operators can edit directly from their DATA/SCOPE keystations.
The result is computer-ready input. Costs are reduced *because the editing is performed
as the data is prepared!*

Special keys:
- Skip forward for correction or verification
- Insert or delete characters without retyping the entire field
- HELP! the operator out of any jam
- Search for and display any record
- Provide backspace/strikeover for immediate error correction
- Select record format

Control functions let you do even more:
- Batch balance by totalling one or more fields
- Check the hi-lo range of numeric fields
- Validate check digits (any modulus)
- Calculate within records
- Automatically duplicate and skip fields
- Provide alphabetic and numeric field designation and checking
- Perform left/right justification
- Provide automatic sequence numbering

Verification — the most vital step.

Sure, key verification does the job. But when the operator can *see* what she is recording, more errors are caught and corrected as they happen. So fewer errors get into the system. And suddenly, the input doesn't need total key-verification. All this means faster, more accurate data at lowest cost.

You can verify *any* field:
- Visually during entry
- Visually during a separate verify pass
- By re-keying during a verify pass

Combining any of these techniques matches verification to the importance of the data.

The supervisor controls flow of accurate data.

Preparing error-free data is the job of every DATA/SCOPE operator. The supervisor, however, plays the key role. She assigns priorities, checks work in process; and requests statistical reports such as records or jobs completed, error rate, or time spent at the keystation.

The supervisor also initiates the merging of stored records onto the output tape; combines specific fields into new records; updates and maintains the format library.

To maintain the smooth flow of data and the security of the system, *only the supervisor:*
- initiates disk-to-tape transfers
- removes critical data from the disk
- deletes record formats (programs) from the library

The ENTREX 480 System will brighten your whole input picture.

Sophisticated input systems require operators. And that's a problem, because skill levels available are usually far below that needed to prepare data.

That's why we built the advanced and powerful data preparation system called ENTREX 480. In fact, our system's long list of features makes it the data entry leader. With one more the others forgot — *ours speaks the operator's language!*

With ENTREX 480, you'll be able to do all the things you've wanted to your data as it's prepared: edit, batch, balance, merge and verify. At lowest cost, with absolutely no resystematization.

That's why ENTREX 480 is the ultimate data entry system.

LOOK INTO IT.

ENTREX, INC.

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