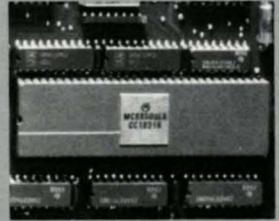


DEC to IBM or CDC



**SOFTWARE  
RESULTS  
CORPORATION**

The Reliable Data Communications Interconnect

**COMBOARD™**

## Save valuable computing capacity

Your DEC computer has more valuable things to do than be a processor for your IBM or CDC communications. You can save significant computing capacity by handling your interconnect workload with a COMBOARD.

COMBOARD is a complete drop-in hardware/software system that gives your DEC Computer a high-speed data link to any central supporting the standard IBM HASP protocol. All hardware is packaged in a single hex height module that plugs into the Unibus of the DEC host. It can be used with VMS, RSTS/E, RSX-11 M/M+ or UNIX operating system.

All character translation (EBCDIC-ASCII), compression and decompression, transmission error recovery and other HASP protocol operations are handled by the COMBOARD rather than the DEC Host.

## Other advantages

- Reliability is among the best in the industry.
- Minimum impact upon on-line operations.
- DMA interface for greater efficiency.
- Multiple data streams on one link.
- Routeback of jobs to users file directory.
- Virtual IBM console support for every user.
- Auto dial support for dial-up links.
- Can be configured in central mode as well as in RJE mode.
- Multiple units can be placed on one DEC system for communications with more than one central.
- No overhead for output directed to front-end line printer.

for fast  
turnaround on  
data transfers  
with minimum  
impact on active  
on-line users  
**COMBOARD™/HASP**  
is the system

## See what they're saying . . .

"Really works as advertised and that's really saying something these days. We're quite impressed . . ."

Rockwell International  
Downey, CA

"It works just fine. We couldn't be happier. The installer just plugged it in, it worked, and we don't even know it's there."

Goodyear Atomic  
Piketon, OH

"We never saw a device that ran so well from the very beginning . . . best investment we ever made."

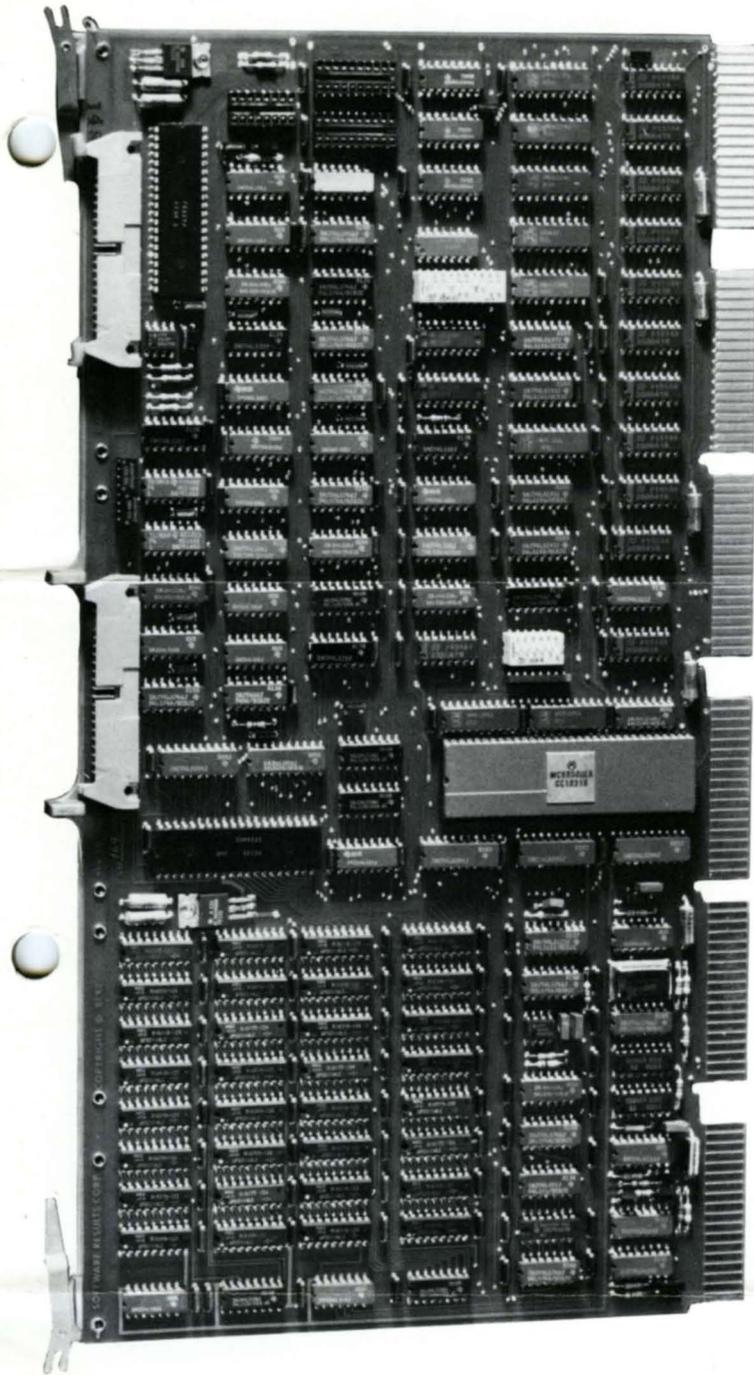
Evans Products Co.  
Sacramento, CA

". . . haven't found a better HASP product. Software works solid. We have four running at 56,000 bps and couldn't live without them."

Intel Corp.  
Santa Clara, CA

"Saves creating and handling 300 Mag tapes per day. The Comboard system saved us the expense of extra tape drives, operator time etc. We expect it to pay for itself in less than a year."

F. W. Woolworth Co.  
Columbus, OH



### Three Models

#### 631

Most economical.  
Operates up to  
9600 bps.

#### 731

Higher thruput.  
Operates up to  
19,200 bps.

#### 1231

The fastest.  
Operates up to  
56,000 bps.

## Cost Effective High Thruput Low Overhead Easy to Use

COMBOARD causes the DEC host to appear to the IBM system as a HASP remote job entry workstation. This gives DEC users virtual card reader input streams over which they submit jobs for processing or transmit data files in card image. Virtual line printer output streams return the results of jobs and receive data files in print line image. The system may have multiple input and output channels concurrently active.

DEC users have full use of a virtual IBM workstation console. Input and output queues may be controlled, job status reports received, data streams started and directed. And all console activity is independent of activity on the data channels.

HASP's full compression generates higher apparent line speeds -- typically a 35%+ increase. This sophisticated communications protocol gives superior line control. Line or central failures are announced as they occur, and error recovery is exact.

High throughput is gained by using both hardware and software in an advanced single board package. Low overhead and minimal impact upon active on-line operations is the result of off-loading the DEC host of a significant volume of real-time interrupt processing. Multiple high speed circuits on the same DEC host can be supported by the use of multiple COMBOARDS.

DEC resident control software makes COMBOARD one of the easiest to use IBM interconnects in the industry. The software is written in a higher level language and supplied to licensed users in source form.

User queuing of jobs for transmission to the IBM central can be carried out from any terminal. Status inquiries to determine the current state of jobs on the DEC host and on the IBM central can be made by any user. All activity is logged to disk files for auditing purposes.

IBM output is received over multiple concurrently operating data streams. Destinations may be user accounts, DEC host line printer spoolers, designated disk accounts or a front-end line printer based on specifications given during job submission. Destinations can be changed at will by the DEC operator.

The system will restart automatically after most line or central failures.

Call today and discover  
how to get more out of  
your DEC system with  
COMBOARD™

**1-800-SRC-DATA**

In Ohio -

**614-267-2203**

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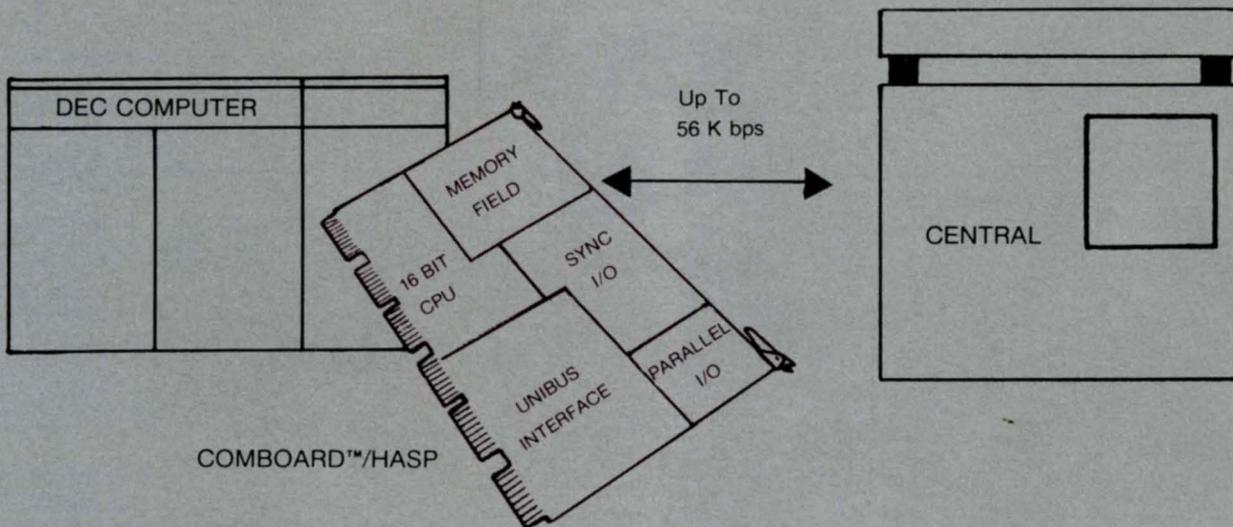
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Columbus, OH 43211 USA  
Telex 467-495 SRC DATA CI

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UNIX is a trademark of AT & T Corp.

**Some satisfied customers**

Allied Chemical Corp.  
American Cyanamid  
Atlantic Richfield Corp.  
Battelle Memorial Institute  
Bordon Corporation  
British Aerospace Corp. (U.K.)  
Canadian Broadcasting Corp.  
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Gillette  
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Intel Corp.  
Magnavox Corp.  
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Matra (France)  
Mitre Corp.  
National Nuclear Corp. (U.K.)  
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Rank Xerox (Europe)  
Renault (France)  
Rockwell International  
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The People Who Follow Through For You

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