



# Total Control™ HiPer TRAX

*High performance, high density dial access solution  
for transaction processing network service providers*

## Features

### Speeds Transaction Time

HiPer TRAX offers Fast Connect, which shortens modem handshake time by 70%-75%. Fast Connect, used in conjunction with other Total Control settable modem parameters can reduce modem connection times to 1 second. Faster call processing means faster transaction times, reduced telephone network costs and fewer dedicated circuits and host ports.

### Call-by-Call Configuration

The Total Control HiPer TRAX system will automatically configure modem, PAD parameters, X.25 routing address, and IP destination address and TCP port selection based on DNIS (Dialed Number Identification Service). This enables a transaction service provider to support multiple customers' needs on a single system.

### Support for VISA I/II and Synchronous Transaction Protocols

Support for transaction protocols like VISA I/II and synchronous transaction protocols (ISO 8583, SDLC) with full protocol emulation speeds transactions and reduces traffic to a processing host by up to 50%. HiPer TRAX acts as an intermediary between the POS terminal and the computer host, reducing or eliminating prompts, responses and acknowledgments.

### Call-by-Call Selection of TCP/IP or X.25

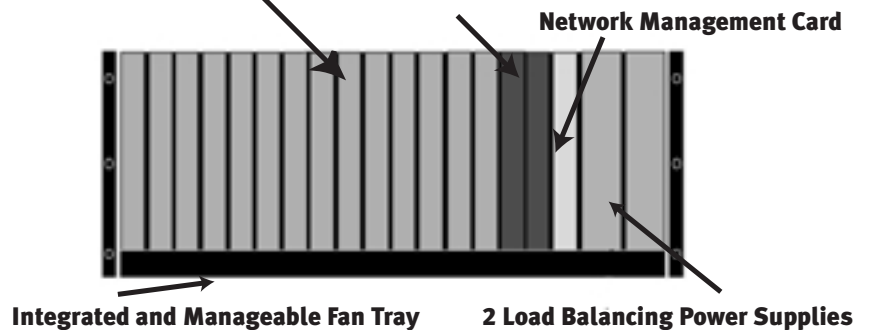
HiPer TRAX will support both TCP/IP and X.25 egress in a single system, and will automatically select the egress on a call-by-call basis. The selection of TCP/IP or X.25 is made automatically, based on DNIS. HiPer TRAX uses a network interface card (NIC) that offers dual V.35 ports and a 10/100 Ethernet port.

### 14 HiPer DSP Card Sets

- 14 Spans Used
- 336 (T1) or 420 (E1) ISDN and Modem Calls

### 2 HiPer Access Router Cards with HiPer TRAX Software

- 336 (T1) or 420 (E1) ISDN and Modem Connections



**All Total Control cards are hot swappable**

3Com is the leading supplier of central site transaction platforms. Access concentrators from 3Com handle millions of calls every year for customers like Sprint, MCI, CompuServe, JC Penney, Exxon and more.

## Total Control and HiPer TRAX Software

There are a variety of applications in which small amounts of data are transferred in a single dial access user session. Such applications include credit card authorization, debit card fund transfers, health benefit authorization and electronic benefits transfer.

Total Control with HiPer TRAX software is a high performance, flexible access concentrator specifically designed to handle hundreds of millions of short duration calls. It is the ideal solution for transaction processing network service providers.

HiPer TRAX software runs on the industry-leading Total Control multiservice access platform.

# HiPer TRAX



More connected.™

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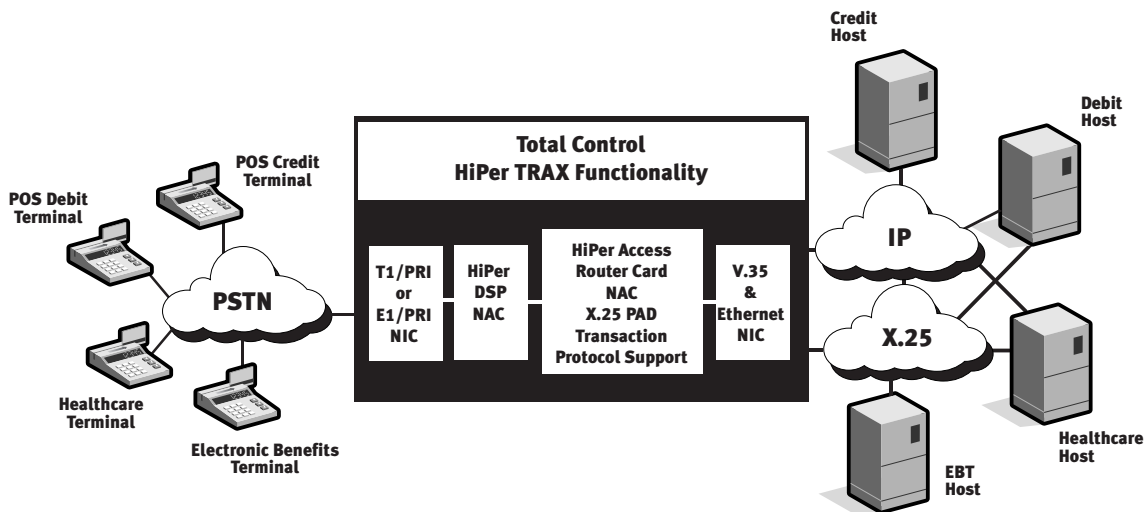
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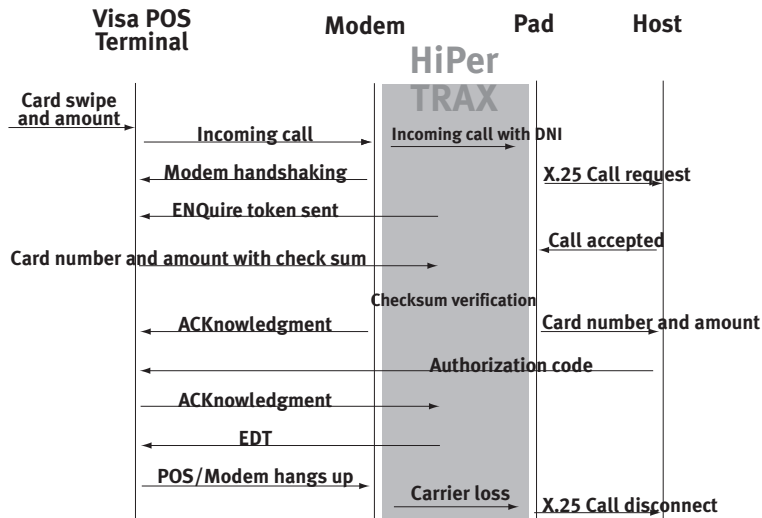
41 844 833 933

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## VISA Protocol with HiPer TRAX Protocol Emulation



### No Single Point of Failure

With 336 T1 or 420 E1 DSP ports, plus the ability to support redundant HiPer Access Router Cards the Total Control provides a fully reliable system. Load sharing is the default condition offered by HiPer TRAX, but if there is a failure detected in either the card, the X.25 connection and/or the IP connection the system will automatically failover to the second HiPer Access Router Card and NIC. the system will automatically failover to the second card and V.35 network interface card (NIC).

### Support for Asynchronous and Synchronous Calls

HiPer TRAX automatically detects and supports both types of calls on the same dialed number.

### HiPer TRAX API Capability

Users can create an Application Program Interface (API) that provides enhanced data processing for transactions, beyond or in place of the protocol emulation included with HiPer TRAX.

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