



**High Capacity, Single Port,
Multi-Protocol and
Multi-Network
Integrated Access Device**



As you transition your network to IP, how do you gain better control over the many legacy network endpoints that are incompatible with this new IP infrastructure? Application and network redesign, interoperability testing and configuration of new network connections is interruptive and costly.

**YOUR SOLUTION IS BUILT
INTO THE DT-9480**

The DT-9480 is an evolutionary design for a protocol conversion device. This single port device joins the Datatek Applications family of Multi-Protocol Internetworking Devices.

While diminutive in size (3.5" x 2.3" x 0.9"), the DT-9480 packs all the circuitry and software typically found on full scale Intelligent Network Processors. It fastens directly to ports on network endpoints while taking up no more space than a standard RS-232 connector does, but it effectively transforms them into functional IP endpoints.

INTEGRATED ACCESS DEVICE

The DT-9480 can be viewed as an Internet Protocol (IP) Access Device. It directly mediates any of its supported protocols (Async, HDLC, SDLC, X.25, BX.25, E2A, REDAC), and the IP protocol suite (IP, TCP, Telnet, RTP, ARP, SNMP, etc.).





KEY FEATURES

- Multiple protocol support for mediation over IP
- Supports synchronous protocol speeds up to 57.6 Kbps and asynchronous protocol speeds up to 115.2 Kbps
- Closed User Group security for protection of sensitive network endpoints
- Peer-to-peer communications using secure encryption
- Extensive measurement reporting and diagnostic capabilities
- SNMP management
- 10/100M LAN Interface
- Power Over Ethernet (POE) support

SPECIALIZED ENHANCED VERTICAL SERVICES

The DT-9480 is also an Intelligent Network Processor. It applies customer specific protocol operations (protocol translation and termination) of network connections that require such a function in a distributed network.

The resident X.25 (and X.25 variants) application provides a greater degree of mediation by allowing the DT-9480 to directly mediate X.25 logical channels and sessions to individual connections over TCP/IP. Various presentation protocols are supported including Telnet for PAD service, RBP, Macstar, RFC 1006 OSI, and a session layer API.

FEATURES

Physical

10/100 LAN Interface
1 User Port
User Port Connector Type: DB25

Software

Telnet Console
Optional Data Encryption
Host IP Address Resolution Table
DNS Support
Closed User Groups
Built-in X.25 Mediation Software
SNMP Agent

Protocols Supported

HDLC/SDLC, Async, Raw, X.25 (with many variants), BX.25, MLT (LTCN) Support, E2A, REDAC

Speeds

Asynchronous up to 115.2 Kbps
Synchronous up to 57.6 Kbps

Power Options

48V DC
120V AC w/adaptor
Power over Ethernet (802.af)

Size

L: 3.5" x H: 2.3" x D: 0.9"



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