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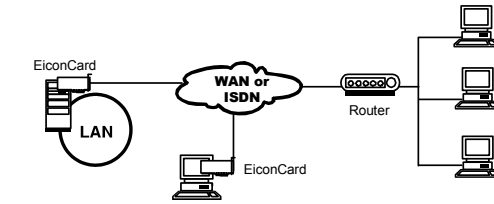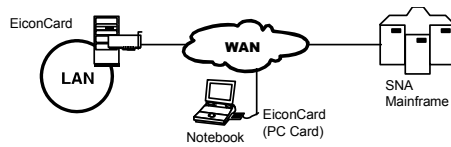
EiconCard C-class & S-class

Eicon Technology's EiconCards are multi-protocol Wide Area Networking solutions for a variety of hardware platforms. In order to significantly reduce the cost of ownership of WAN solutions, EiconCards provide **ease of use**, **performance** and **manageability**. **Ease of use** is ensured with the support of "Plug and Play" standards in the installation and configuration of the EiconCard. The EiconCard offers a large range of **performance** levels to make the best possible use of the available bandwidth. **Manageability** is ensured by providing quality information and pro-active identification of necessary changes in the network. Furthermore, the EiconCard protects against technology obsolescence, by connecting to a diversity of network services.

Wide area network market dynamics are forcing corporations to select new WAN technologies to take advantage of higher performance and lower tariffs. Finding a solution to that challenge is quite difficult, particularly when a large number of remote locations are involved.

Eicon Technology enables corporations to make the right choice by offering a family of multi-protocol WAN interface adapters, classified in two categories. The C-class EiconCards are low-speed WAN interface cards, primarily used for X.25 and SDLC gateways, where line speeds typically do not exceed 64 Kbps. The S-class EiconCards are the high-speed WAN interface cards, mainly used with branch office LAN application servers. These cards are intended for Frame Relay or for X.25 applications supporting a large number of concurrent users.

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EiconCard: WAN interface card for corporate network and SNA host access

■ *Product Highlights*

- Plug-and-Play
- Multi-protocol support: X.25, Frame relay, PPP, Multilink PPP, SDLC, HDLC
- Dual connectivity: serial and ISDN
- Multi-hardware platform (ISA, ISA Plug-and-Play, PC Card)
- Data compression (Cisco, Wellfleet, Microsoft, Novell)
- SNMP Network Management
- Worldwide certification

What's in it for connectivity buyers?

Connectivity buyers are faced with the following challenge: choosing the winning technology that will allow the corporation to cope with changes in technologies, tariffs and migration strategies offered by service and product providers. Eicon Technology's EiconCards provide a migration strategy and obsolescence protection.

EiconCards feature both serial and ISDN ports, offering port selection based on the application, service availability, and economics. EiconCards support a broad range of wide area network protocols. The complete set of protocol stacks is provided with each Eicon Technology software package, allowing the card to be easily re-configured on demand with the appropriate protocol. EiconCards facilitate the adaptation to new technology without the need to change your hardware.

Feature	*Benefit*
Plug-and-Play (ISA PnP, PC Card)[*]	Allows simple installation and configuration of the card: no need to set dip switches or remove jumpers. This feature allows for the automatic allocation of resources such as Interrupt (IRQ) and I/O address. This reduces amount of time and money dedicated to endless installations. Flash memory also allows effortless deployment , by retaining protocol configurations at all times. This allows for the configuration of the cards in a central site with an eventual deployment in the field where there often is a lack of technical expertise.
Multi-protocol support	Provides unsurpassed flexibility and migration strategy, allowing corporations to adapt easily to changes in service availability (region-dependent), economics (tariffs) and type of application, without any additional upgrade costs.
Dual Connectivity	Allows easy migration path from conventional leased or dial-up lines to ISDN lines, or provides backup or redundant link to central office
Bandwidth on demand	Multilink PPP enables the allocation of the needed bandwidth depending on the data traffic, ensuring optimized and cost-effective communications.
Data compression	The EiconCard supports a broad range of data compression (Cisco, Wellfleet, Microsoft, Novell), ensuring interoperability with third-party products, as well as reduced server utilization.
SNMP Management	Each EiconCard provides an SNMP Sub-Agent, implemented as an extension of the SNMP Agent that is part of the Server Operating System (Windows/NT, NetWare, ...). It supports standard MIB-II and WAN related RFCs, complemented by proprietary MIB extensions. This allows the card to provide timely information about potentially disruptive events in the network, as well as information required to analyze developing trends. This way, the Network Manager can be pro-active rather than reactive.

Feature	*Benefit*
5-year warranty	All Eicon Technology's hardware products are backed with a comprehensive five-year warranty. This ensures that the user has an operational communication system at any time.
On-board CPU	Alleviates the host computer from all protocol processing, resulting in the saving of valuable CPU resources. When using processing-intensive protocols such as X.25 or Frame Relay, this feature reduces server utilization by up to 50%, when compared to passive adapters (results obtained in NetWare environment).

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[*] Other bus types such as PCI will be supported in the future

| Worldwide approvals | The EiconCard is certified for X.25 and ISDN standards, including I-CTR2, National ISDN-1, AT&T 5ESS Custom, Euro-ISDN (with French, German and Swiss extensions), TPH and JATE. The EiconCard is compliant with your local network switch, regardless of your region. |

Eicon Technology Corporation

Tel.: (514) 745-5500
Fax: (514) 745-5588

In the United States, Canada, Latin America:

Tel.: 1-800-80-EICON
      (214) 239-3270
Fax: (214) 239-3304

In Europe, Middle East, Africa:

Tel.: (44) 181 967-8000
Fax: (44) 181 967-8050

In Australia, New Zealand, Asia:

Tel.: (61) 2 9919-7200
Fax: (61) 2 9929-6300

Internet:

North America: sales@eicon.com
Europe: sales.europe@eicon.com
Asia Pacific:
sales.asiapac@eicon.com

Worldwide Web:
http://www.eicon.com/

EICON TECHNOLOGY