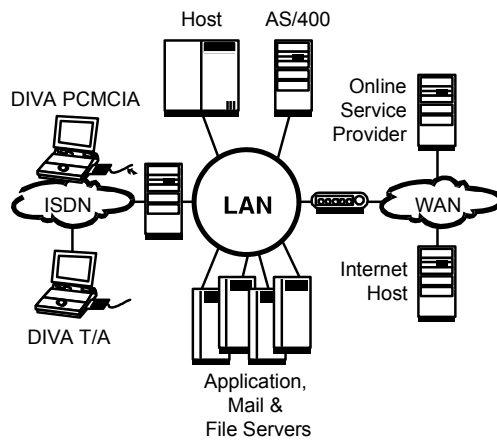eicon
technology
corporation

DIVA PC Card Solutions

Eicon Technology's DIVA PC Card adapters are ideal for users with notebook computers looking to take advantage of ISDN communications, to gain reliable, high-speed access to the networked enterprise. Eicon currently offers two PC Card ISDN solutions: DIVA T/A and DIVA PCM.

By simply removing the standard PC Card analog modem and plugging in the DIVA T/A PC Card, users are instantly equipped with high-speed ISDN access to corporate LANs, the Internet and on-line information services. Compatible with any operating system, including MAC, the DIVA T/A is a direct replacement for any standard modem. It is the ISDN solution for the telecommuter requiring high-speed access, regardless of their operating system, to corporate LANs and the Internet.

Being the first and currently the only PC Card in the marketplace today featuring the *"Designed for Microsoft Windows 95"* logo, the DIVA PCM PC Card is the complete ISDN solution for corporate notebook users who want to take full advantage of the many built-in features of Windows 95 and Windows NT. By tightly integrating the application environment with integrated ISDN connectivity, the DIVA PCM adapter provides notebook users with reliable high-speed access to corporate networks, Intranets, and on-line information services.

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T E C H N O L O G Y

ISDN Solutions for all Notebook Users

■ *Product Highlights*

- DIVA T/A
  - O/S independent
  - COM port emulation
  - Hayes AT command set
  - Flash Memory
  - V.120 Rate Adaption
  - PPP async to sync conversion
  - Fits into many RAS devices
- DIVA PCM
  - Designed for Windows 95
  - Worldwide Communication
  - Full WAN Connectivity
  - Full CAPI Compliance
  - DSP with FAX support

What's in DIVA T/A for Notebook users?

With more people on the road using laptops, the need for fast and reliable communications to corporate networks is definitely increasing.

The DIVA T/A simplifies the transition from analog to high-speed digital communication. It is ideal for mixed environments of operating systems, and it provides fast and secure remote access.

Feature	Benefit
Operating System Independent	The DIVA T/A ISDN adapter is completely operating system independent and can be installed in a Macintosh PowerBook.
COM Port Emulation	The COM port emulation feature eliminates the adding any device drivers, thus making the product very easy to install and totally "Plug-and-Play".
Standard Hayes AT Command Set	The DIVA T/A supports the AT command set with ISDN extensions, ensuring easy integration into the system, as it is not necessary to reconfigure all the modem applications that are currently in use on your system.
Flash Memory	The ISDN firmware is pre-loaded on the DIVA T/A card, in Flash Memory. Furthermore, the ISDN configuration parameter values are stored on the card. The Flash memory is also used for future enhancements and product upgrades of the ISDN code.
V.120 Rate Adaptation	The DIVA T/A supports V.120 Rate Adaptation which allows any asynchronous protocol to be used over the ISDN interface, permitting communication with any non-ISDN device, i.e. CompuServe, and any other on-line information services.
PPP Async to Sync	The DIVA T/A performs the conversion from asynchronous to synchronous PPP, allowing easy connection to routers.
Perfect fit for RAS boxes	The DIVA T/A can be installed in most RAS devices, for example Kasten Chase, SBE, Emulex, etc. It allows for effortless migration from analog to digital communications by simply replacing the standard modem PC Card.
Worldwide Communication Ability	With support for major national ISDN protocols such as Euro-ISDN, NI-1, 5ESS, and Japan, along with both an S/T and U interface dongle (DAA) the DIVA T/A provides an ideal ISDN solution almost anywhere.

What's in DIVA PCM for notebook user?

Notebook users need fast, reliable and well-integrated dial-up connections to corporate networks and on-line information services, regardless of their location.

The DIVA PCM, available in all three Windows solution packages for the Windows 95, Windows NT and Windows 3.x environments, provides high-speed and reliable ISDN access for the notebook user to corporate LANs, Intranets and the Internet. By supporting two B-channels, multi-tasking is possible, which provides the notebook user with a more effective communications solution.

Feature	Benefit
Designed for Microsoft Windows 95	The DIVA PCM adapter is the only ISDN PC Card available today which has been awarded this Microsoft logo. To obtain the right to feature this prestigious logo, the DIVA PCM PC Card had to be certified by Microsoft under both Windows 95 and Windows NT
DSP Programmed for ISDN	The Digital Signal Processor (DSP) is a communications processor programmed specifically for ISDN to handle all Layer 1/fax protocols that would otherwise be off-loaded to the PC's CPU. This processor ensures maximum security of data transmissions, higher speed (10MIPS) and extensive storage capacity. As a result, it reduces the load on the system, allowing the PC to perform faster and more efficiently.
Worldwide Communication Ability	The DIVA PCM D-channel protocols support major national ISDN-protocols such as ETSI (Euro-ISDN), NI-1, 5ESS and Japan. It is equipped with an S/T interface that can be purchased with an external Eicon NT-1 which provides the U-Interface to accommodate the connection between the ISDN line and ISDN device. The support of D-channel protocols and the availability of both interfaces facilitates ISDN communications anywhere in the world.
FAX Group 3 and 4 support	The DIVA PCM's also provides Group 3 and Group 4 FAX support allowing users to send a fax over ISDN, right from the desktop, using popular applications such as Microsoft Exchange and Delrina WinFax Lite.
Full CAPI 1.1 and 2.0 Compliance	Eicon's DIVA PCM card provides an integrated solution that enables new applications to operate transparently over ISDN. This is accomplished by DIVA's support for CAPI (Common Application Programming Interface), an industry standard for cross-platform software compatibility. Any application written to CAPI 1.1 and/or CAPI 2.0 is supported by the DIVA PCM card, making it a compatible and non-proprietary ISDN solution