NEC
TELEPHONE PBX PRODUCTS

ACCERA
Group

NEAX2000 IPS

The UNIVERGE™ NEAX® 2000 IPS is a full-featured IP-based communications system. It provides pure voice-over-IP (VoIP) peer-to-peer connections across corporate local and wide area networks (LAN/WAN) and also supports time division switching (TDM). The UNIVERGE NEAX 2000 IPS offers the utmost flexibility by providing a choice of time division switching, pure peer-to-peer IP connectivity or a combination of both, all in one system.

Pure IP switching provides communications between IP Dterms and also provides CCIS network connections with other NEAX 2000 IPS systems. TDM switching provides for communication between legacy stations and trunks. Connections between IP Dterms / CCIS-over-IP and legacy stations / trunks are made via IP Pads, which convert packet-based voice/data to TDM-based voice / data and vice versa.

The NEAX2000 IPS functions as a standalone telephony system supporting both IP and traditional circuit switched connectivity. Yet it can also be networked with other NEC telephony devices such as the NEAX IPS-DML, the NEAX2400 IPX and, of course, other NEAX2000 IPS units. In this case, the NEAX2000 IPS supports node-to-node peer-to-peer connectivity or node-to-node circuit switched connectivity. Each host can accommodate up to 255 nodes networked together.

The UNIVERGE NEAX2000 IPS supports a maximum of 952 IP stations, 512 TDM stations and a combined total of 980 stations. Up to 952 peer-to-peer IP stations and 64 legacy TDM stations are available in a single modular chassis. Up to eight chassis can be stacked together providing a maximum capacity of 512 TDM stations. Each host can accommodate up to 30 UNIVERGE NEAX IPS-DMR remote systems and up to 30 ISDN PRI links.

The UNIVERGE NEAX 2000 IPS provides a rich set of both Key and PBX features and is positioned to provide a comprehensive cost effective solution for the small to medium sized business, hotel property or the enterprise network environment. The UNIVERGE NEAX 2000 IPS provides utmost investment protection by allowing the user to take full advantage of both today's and tomorrow's technological advancements.

NEAX2400 IPX

The UNIVERGE™ NEAX® 2400 Internet Protocol eXchange (IPX), the newest member of the UNIVERGE NEAX family, fuses existing NEC technologies with dynamic advancements in hardware and software to satisfy the most stringent system requirements.

NEC also introduces the next level of Internet Protocol (IP) medium -- peer-to-peer switching -- into the UNIVERGE NEAX 2400. This capability allows the UNIVERGE NEAX 2400 to provide all of NEC's networking services and Dterm Series E digital telephone features when deployed over an IP network.

Peer-to-peer switching means the stations participating in a call are connected directly to each other through the IP network. The voice signals travel through the IP network but do not "go through" the switch as they do in traditional telephony. The fact that the UNIVERGE NEAX 2400 IPX can function in and support a "hybrid" network with traditional digital/analog switching, IP/TDM switching and pure peer-to-peer IP switching means the users can continue to utilize their existing equipment while they phase in IP Telephony and lay the foundation for future networks.

NEC's modular design, distributed processing, sensible migration, comprehensive network solutions and the ability to customize functionality to match specific business applications are just a few of the NEC benchmarks that the UNIVERGE NEAX 2400 IPX builds upon.

The UNIVERGE NEAX 2400 IPX provides over 780 service features that enhance productivity, reduce operating costs, and improve communications efficiently. Innovative modular hardware and software design allows the UNIVERGE NEAX 2400 IPX to serve efficiently and grow incrementally over its entire size spectrum, ranging from 384 ports to over 24,576 ports.

The UNIVERGE NEAX 2400 Internet Protocol eXchange has the ability to expand from its minimum configuration to its maximum capacity with virtually no loss of existing hardware. This unique expansion capability allows the system to grow in a cost-effective manner as the user's requirements grow. This system is truly unique in today's telecommunications industry.

Accera Group Corp
9510 W. Sahara Ave, Suite 200
Las Vegas NV 89117
Office: (702) 478-2969
Fax: (702) 478-2970