

The NEAX[®] IPS-DMR

Extending the Benefits of IP



Empowered by Innovation

NEC

Security, survivability and feature transparency at each local site.

Delivering the benefits of IP Telephony... without compromise.

Extend IP Telephony to remote branch offices with a cost-effective solution that is extremely simple to deploy, administer and maintain. The NEAX® IPS-DMR (Distributed Model Remote) from NEC gives your organization enhanced security and telephony feature transparency, regardless of physical location, while delivering survivability at each local site.

A Robust Solution

When connected to the host NEAX 2000 IPS or NEAX IPS-DM, the NEAX IPS-DMR provides PBX feature transparency for remote location networking over IP while offering a robust survivability solution and features not commonly found in many competing solutions. Designed specifically as an IP Remote PIM (Physical Interface Module) application, the NEAX IPS-DMR cannot be used as a standalone system.

The NEAX IPS-DMR is designed primarily for distributed IP networking but also supports traditional analog and digital trunks for connection to the Public Switched Telephone Network (PSTN). The NEAX IPS-DMR supports up to 128 peer-to-peer IP stations and 40 TDM ports in a single modular chassis. Up to two chassis can be stacked providing maximum capacity of 80 TDM ports while still supporting as many as 128 peer-to-peer IP stations. With requisite NEC software, each host can accommodate up to 15 NEAX IPS-DMRs and up to 255 hosts can be networked together.

The NEAX IPS-DMR minimizes hardware costs by utilizing the same chassis and therefore the same line/trunk and application processor cards as the NEAX 2000 IPS and NEAX IPS-DM. Offering superior port density, the NEAX IPS-DMR includes 19" rack mounting, and each chassis only occupies two Rack Units.

Branch Office Networking

The NEAX IPS-DMR software solution offers an unprecedented networking solution for the NEAX 2000 product family. The highly flexible software solution provides telephony feature transparency for all NEAX 2000 users regardless of physical location, yet offers local survivability at each of their local sites. The NEAX IPS-DMR platform provides a very cost-effective distributed converged enterprise-networking solution.

The NEAX IPS-DMR solution enables the PBX to provide call handling from a central (main) location. The IP WAN can connect all smaller branch offices via their own local PBX processors, creating a converged enterprise voice and data network. Small office sites under normal operation are now able to cost-effectively leverage the call processing, ACD Agents, Voice Mail with Live Record, Unified Messaging and other telephony applications maintained at a central



headquarters over an IP WAN remote location with minimal incremental cost. As a result, you are able to leverage your investment in the NEAX 2000 IPS and NEAX IPS-DM and other NEC solutions such as CallCenterWorX®, NEAXMail® or Unified Messaging.

Feature Transparency

Features are transparent regardless of physical location because the system regards host and remote site terminals as extensions in the same office.

Reduced Operating Cost

IP Telephony helps lower your phone bill since calls travel through the converged voice and data network. Operating and maintaining one network instead of two can result in lower costs and operational efficiency. A converged network can cut down on real estate costs by allowing you to deploy personnel anywhere you choose while keeping staff connected to the same features available at the central office.

Single Point-of-Entry Manageability

System application software and licensing keys for the entire network are loaded at

the host site and are not needed at the remote sites. In addition, all system data changes for the entire network are performed at the host site. The host site automatically downloads its system data to the remote site at the time of setup.

Network Survivability

Each NEAX IPS-DMR is equipped with a remote survivable processor connected through distributed networking, giving all remote locations the benefits of redundancy and local survivability during WAN failure. The NEAX IPS-DMR can accommodate AP cards such as ISDN PRI, T1 and Central Office trunks to provide flexible PSTN back-up connectivity.

Network Scalability

Each host can accommodate up to 15 NEAX IPS-DMRs with a 1000-station capacity within a single NEAX IPS-DMR network. In addition, up to 255 hosts can be networked via Common Channel Interface Signaling (CCIS), offering seamless scalability to a network of 1785 nodes with 913,920-station capacity.

Increased Productivity

Help eliminate delays in communications and potentially increase efficiency by providing seamless access to people and information. By virtually eliminating the distance between locations, the NEAX IPS-DMR solution helps you provide high quality products and services that can retain your customer base and expand your market.

Ease of Installation

Because the NEAX IPS-DMR uses pre-assembled modules and plug-in type circuit cards, it is easy to install. Wiring connections, both internal and external, are made through simple-to-use standard plug-ended cables.

site. In the event of a WAN failure, the NEAX IPS-DMR enables the remote local PBX processor to provide basic call processing and allows normal business continuity via a back-up PSTN through the duration of the failure.

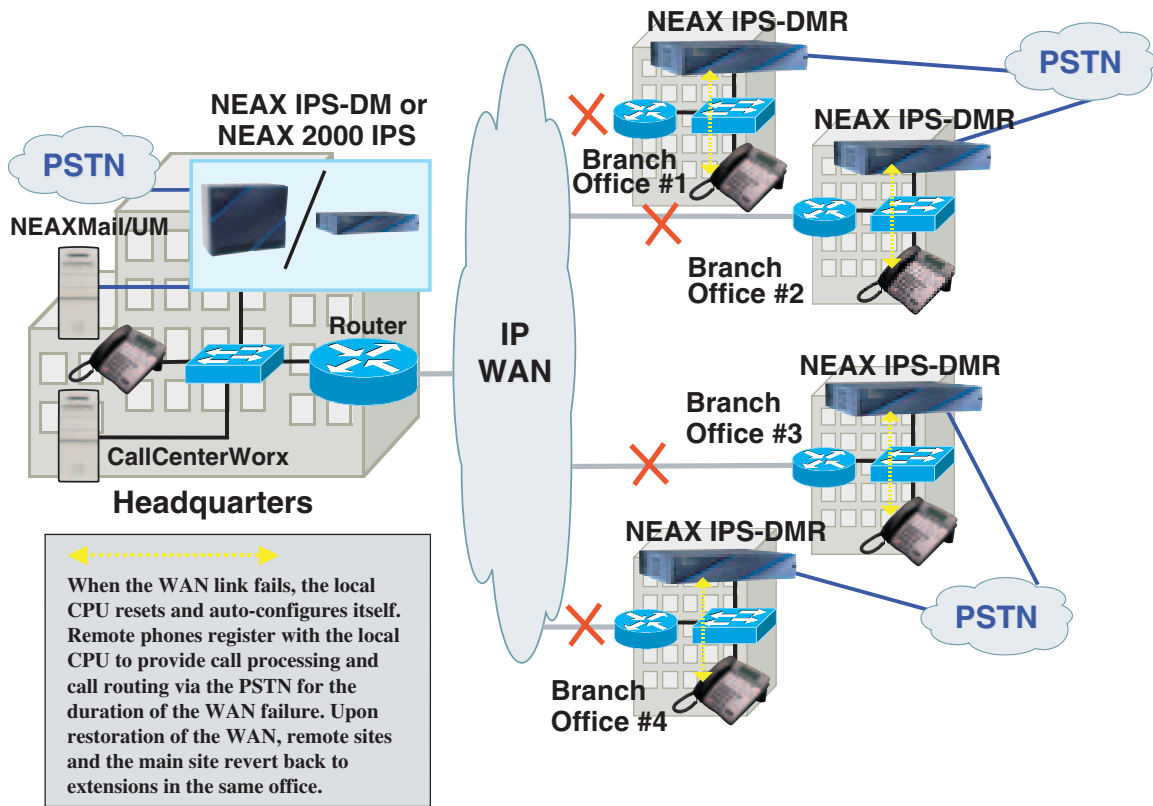
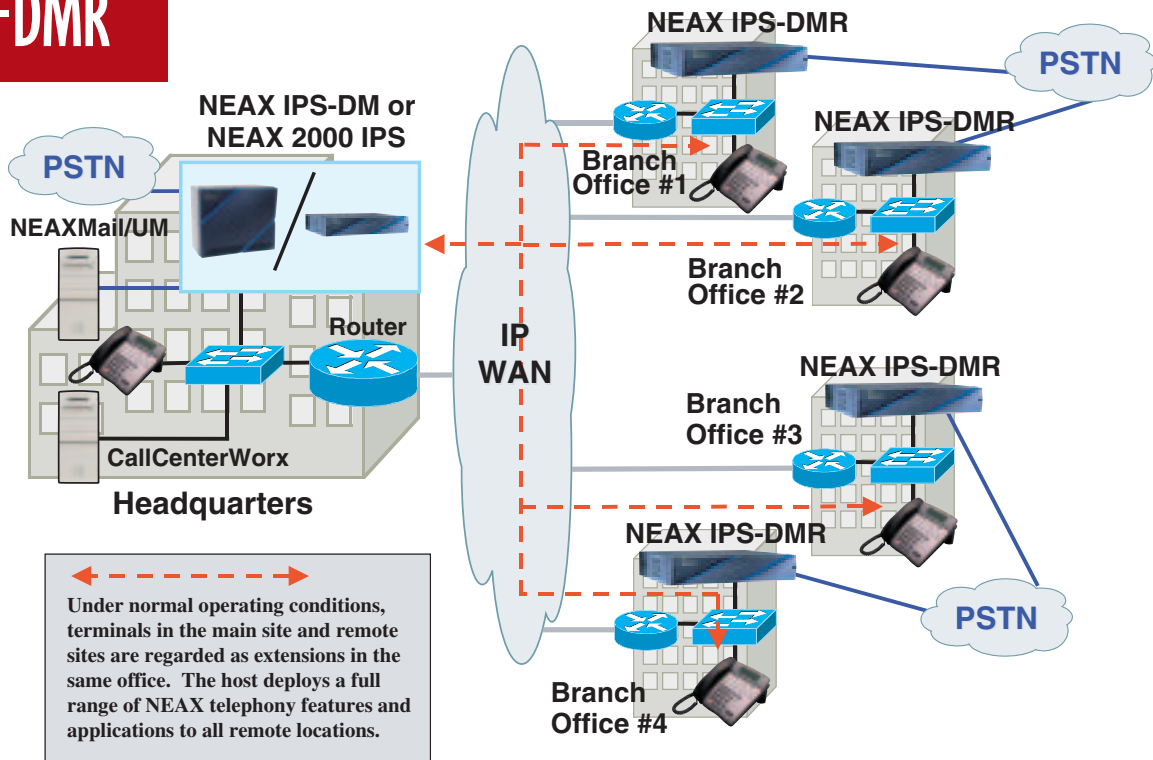
The NEAX IPS-DMR offers a highly survivable branch office networking solution that leverages the benefits of IP Telephony. It allows companies to extend high availability IP Telephony to their remote branch offices with a cost-effective solution that is extremely simple to deploy and manage.

NEAX IPS-DMR Benefits

Investment Protection

The NEAX IPS-DMR allows you to extend features available at

NEAX IPS-DMR



To find out more about the NEAX IPS-DMR and NEC's powerful and versatile solutions, visit our website at www.necunifiedsolutions.com.