

Elite IPK II Networking

The IPK II functions as a standalone telephony system supporting both IP and traditional circuit switched connectivity. Yet it can also be networked with full feature transparency into a system with other NEC telephony devices, including IPK, NEAX and UNVERGE units. IPK II supports node-to-node peer-to-peer connectivity between IPK systems.

What is Peer-to-Peer Switching?

“Peer-to-peer” switching means that the stations participating in a call are connected directly to each other through the IP network. The signals travel through

the IP network but do not “go through” the switch as they do in traditional telephony.

Reduced Costs of Peer-to-Peer IP Connectivity

The IPK II retains all its features while offering significant cost savings associated with peer-to-peer IP Telephony, such as:

Converged WAN Infrastructures –

Pay for service and maintenance of one network rather than two. By transporting voice signals across the Wide Area Network as IP packets, users can integrate their voice traffic with their data traffic.

Converged LAN Infrastructures –

Establish voice calls across the 10/100 Ethernet Local Area Network utilizing the existing plant cabling and allowing single cable termination to the desktop.

Scalable Voice-over-IP & Legacy TDM

The IPK II supports up to 456 ports. Both IP and TDM are supported in a singular modular chassis. Up to three chassis can be stacked in order to provide maximum capacity.

IPK II Advantages

The advantages of this IPK II system include the following significant benefits:

- Enabling personnel to increase responsiveness to customers and provide a greater impact on sales, service and revenue generation
- Full complement of NEC Telephony features
- Networking systems through IP transport for improving communications and information throughout your company
- K-CCIS for feature transparency
- K-CCIS Internet-working
- IP Peer to Peer Connectivity
- Supports legacy TDM for digital and analog telephony
- Supports range of NEC IP telephone sets
- Enhancing business systems to improve the performance of deployed

Supports

Trunk Total	200
Telephone Total	256
Virtual Extension (VE)	Dedicated 256

*Actual system capacities dependant upon available physical slots, power requirements and installed features

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