

iSeries VoIP Interface Cards *for NEC 704i and 124i Series Systems*

The Smart Way To Connect Your Business

Upgrade your NEC iSeries telephone system to IP networking with VoIP Interface Cards. Now you can connect multiple offices together and bring centralized features such as voice mail to remote locations. Share resources among multiple offices while spending less to equip your business. By converging your voice and data networks, you can maintain one network instead of two and enjoy cost-effective communication across town, across the country or over your organization's IP LAN/WAN or Intranet.

Expand Your Capabilities

iSeries VoIP Interface Cards allow you to enjoy the benefits of **IP networking** without replacing your current communications system. You can seamlessly connect multiple locations over the data (IP) network and provide centralized voice mail and basic feature transparency, allowing your offices to operate as a single unit.

A shared network voice mail provides sophisticated features that save time and money.

Return Call with Caller ID saves caller ID information for inside- and outside-originated calls. **Answering Machine Emulation** is helpful when you are waiting for an important

call. It lets you listen while a caller is leaving a message for you. **Conversation Record*** saves and records your conversation into your mailbox with the touch of a button.

Auto Attendant answers and routes incoming calls to any site on the network. **Single Operator Position** answers incoming calls or handles the overflow from the Auto Attendant. The Operator's **Busy Lamp Display** will show the status of extensions anywhere in the network, allowing the operator to handle calls more efficiently.

Park Hold and Park Pickup allows a call to be parked at one site and picked up at another site. Park Orbit keys on telephones at all sites will display the status of the orbit.

Enjoy a Multitude of Features

Converge your voice and data network by installing a VoIP Interface Card on your iSeries system. Experience the advantages of Voice over Internet Protocol (VoIP) while enjoying



124i Series Unit

34-Button Super Display

Empowered by Innovation

NEC

the hundreds of features you've come to expect from the NEC iSeries family of telephone systems.

Call Logging saves information about incoming and outgoing calls. Logged calls can be redialed or saved to speed dial.

Automatic Route Selection (ARS) decides whether to place a call with a long distance carrier, over IP or, if allowed, a local trunk. You specify how you want your calls to be routed.

A **wide selection of terminals** are available, including single line and multi-line key sets, DSS/BLF display units, wireless and cordless telephones.

Wireless/Cordless telephones keep employees connected while away from their desk. The i-Series provides a variety of mobility solutions.

VoIP Interface Card Designed with the User in Mind

To maintain voice quality and performance, the VoIP Interface Card includes:

Multiple Voice Compression Options – Reduces the bandwidth requirements and reduces transmission costs.

Voice Activity Detection (VAD) – (also known as "Silence Suppression") Further reduces the bandwidth needed for each connection. Since up to 50 percent of a

normal conversation can be silence, this can have a significant impact on bandwidth used.

Adjustable Voice Frame Size – Controls bandwidth efficiency by adjusting the ratio of voice to packet overhead signals.

Dynamic Jitter Buffer – Automatically adjusts to network conditions and keeps the voice signal delay experienced by the user to a minimum.

Fast Connect Mode – Supports H.323 Fast Connect to reduce call setup times.

Out-of-Band DTMF Address Signaling – Insures that DTMF dial signals are not distorted by the voice compression algorithms.

VoIP CONFIGURATION INFORMATION

For the 704i system:

A maximum of 10 VoIP Interface cards may be installed in each 704i system.

Circuit cards available

92345	8 Port VoIP Interface card
92346	4 Port VoIP Interface card

For the 124ie system:

A maximum of 5 VoIP Interface cards may be installed in each 124ie system.

Circuit card available

92046	4 Port VoIP Interface card
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