

# Digital Series

## VoIP Gateways and IP Routers

The Mediatrix® Digital Series VoIP Gateways and IP Routers allow enterprises to lower communications costs over any IP link. The units feature ISDN BRI or T1/E1 PRI interfaces and provide an ideal solution for enterprise voice applications or for connecting to a service provider's broadband access over DSL, WLL or cable.



### Key Features:

- Up to 60 simultaneous calls
- ISDN BRI and T1/E1 PRI interface ports
- Transparent ISDN/QSIG tunneling
- VPN QoS router with two Ethernet ports \*
- Built-in V.35/X.21 router with PPP or Frame Relay \*
- PPPoE, DHCP server and NAT/Firewall \*
- User programmable call handling
- Deployable in SIP or H.323 VoIP networks
- CLI, SNMP, Telnet and TFTP for configuration and management
- RS-232 console port for configuration
- Fax over IP support, including T.38
- Multiple codec support
- Multiple LEDs for status indication at a glance
- Universal 100-240VAC power supply

### Product Overview

Designed specifically for enterprise applications, the Mediatrix digital gateways and routers make use of existing broadband access equipment to connect to any standards-based VoIP network.

The Mediatrix digital gateways and routers meet the requirements of enterprises that want to connect their ISDN equipment, such as ISDN phones and PBXs, through a BRI or PRI interface to an IP network.

Mediatrix digital gateways, the 1400, 1500 and 1600 series, are able to provide transparent ISDN port extensions over an IP network. The remote ISDN terminals can be managed centrally and benefit from PBX services such as calling groups, least cost routing and voice mail.

With an internal router, the Mediatrix 2400, 2500 and 2600 series units allow remote or local sites to access public IP services or private data VPNs. Mediatrix digital routers connect a LAN to the existing broadband connection and provide the QoS and security necessary for voice, fax and data transmissions. Additionally, secure Frame Relay access is provided through a serial V.35/X.21 port.

The Mediatrix digital gateways and routers also support transparent ISDN and QSIG tunneling. Consequently, PBXs can be networked using IP while still retaining complete functionality to private voice networking.







