

Mediatrix® 4100 Series

ShoreTel & Mediatrix



The Mediatrix® 4100 Series access devices are high-quality and cost efficient VoIP gateways connecting larger branch offices and multi-tenant buildings to an IP network, while preserving investment in analog telephones and faxes. The Mediatrix® 4100 Series access devices allow Service Providers to deploy their solutions rapidly and economically in medium-size premises, and they are the ideal solution for branch office connectivity to larger private networks.

Products

- **Mediatrix 4102**
2 analog FXS ports
- **Mediatrix 4104**
4 analog FXS ports
- **Mediatrix 4108**
8 analog FXS ports
- **Mediatrix 4116**
16 analog FXS ports
- **Mediatrix 4124**
24 analog FXS ports

Product Overview

Mediatrix® 4100 Series
2, 4, 8, 16, or 24-port VoIP Access Device



Mediatrix 4100 Series Overview

The Mediatrix 4100 Series connects up to 24 analog phones and/or faxes to a broadband modem or LAN.

The Mediatrix 4100 Series enables cost-effective voice over IP (VoIP) deployments in medium-size branch offices and multi-tenant applications.

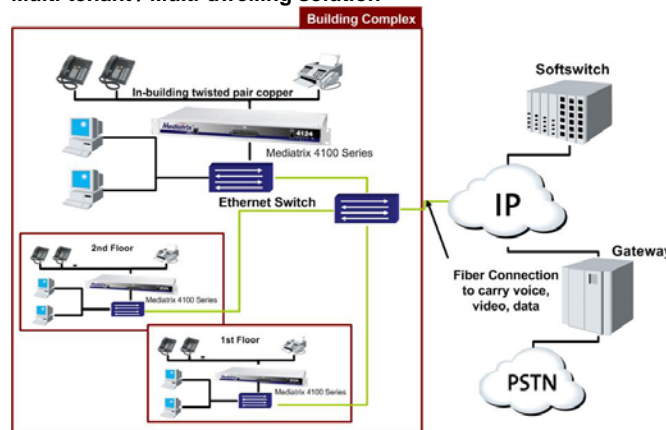
The Mediatrix 4100 has the additional benefit of supporting high compression codec's simultaneously on each analog voice port, thus saving valuable bandwidth.

As all other Mediatrix devices, the 4100 Series provides a Web interface, giving users convenient access to the unit for initial set-up. The devices can also auto-provision by fetching their encrypted configuration from a Trivial File Transfer Protocol (TFTP) or HTTP server, making installation secure and transparent to end users. To further facilitate deployments, factory loaded configurations are possible.

In addition, an intelligent public switched telephone network (PSTN) bypass allows Mediatrix 4100 Series users to make emergency calls and maintain their phone service in the event of a power outage or network failure.

Solution Overview

Multi-tenant / Multi-dwelling solution



Main Advantages:

- Interoperable with equipment from leading industry vendors
- Major savings in long-distance and PSTN access fees
- Re-use of existing infrastructure such as analog phones and faxes
- Simplified wiring = savings in ADDS/MOVES/CHANGES
- Compliancy to current legacy standards increases compatibility with actual PBX or Key systems.
- Access to essential PSTN Emergency call capabilities even during power outages

"I highly recommend the Mediatrix 4100 series to anyone with a ShoreTel system and smaller remote offices. We've used it repeatedly as a way to bring smaller remote branches back to the main office to access the ShoreTel system via SIP and it works very well. The configuration is easy and Mediatrix and ShoreTel have done a great job with integration documents to make it even easier."

—Don Gulling
President
Verteks Consulting, Inc

Key Features/Benefits

Voice Functionalities

- Carrier-grade voice quality
- Fax over IP support, including T.38
- PSTN bypass (emergency calls)
- Up to 24 simultaneous calls

Ease of Configuration and Management

- Automatic firmware and configuration file download
- Simple Mail Transfer Protocol (SNMP) and Web management
- TFTP or HTTP auto-provisioning

Security

- Support for SNMPv3
- Encrypted configuration files support
- HTTP Digest authentication

Network Functionalities

- Quality of Service (QoS) features support
- Dynamic Host Configuration Protocol (DHCP) client
- STUN Client

Customer Value

ShoreTel® and Mediatrix combined solution provides enterprises with:

- A secure, cost-effective, and scalable VoIP solution that is easy to manage
- The ability to migrate to a total IP environment
- Data and voice signal encryption for more secure communications
- Each Mediatrix analog port used allows the ShoreTel system to save 5 IP resources
- 2 to 24 port VoIP gateways that allow remote offices to grow as needed off of the central ShoreTel System
- A fully compliant solution certified with ShoreTel IP system;
- A more feasible solution to end customer when integrating ShoreTel IP system with time-division multiplexing (TDM)

About Mediatrix

Mediatrix develops and markets advanced VoIP access devices, gateways, routers and value-added software enhancements for the enterprise, SOHO, and residential markets. Its products provide an ideal migration path for end users wishing to protect their current CPE investment (analog/digital phones, fax machines, PBX and Key Systems) while migrating to a converged IP network. Mediatrix products and solutions are widely interoperable and have received commercial endorsement from some of the world's leading manufacturers of telecommunications equipment as well as from large telecommunication carriers.

About ShoreTel, Inc.

ShoreTel is a leading provider of enterprise IP telephony solutions. The Mediatrix-ShoreTel solution provides customers with a number of key benefits, including ease of use, manageability and lower total cost of ownership.

Disclaimer

To be "ShoreTel Certified" means that Technology Partner's product will inter-operate with the ShoreTel system, but ShoreTel does not certify that the features or functionality of Technology Partner's product will perform as specified by Technology Partner nor that Technology Partner's product will meet your specific application needs or requirements. To inter-operate means that Technology Partner's product is able to exchange, use and share information with the ShoreTel system.



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