

Analog VoIP Gateways

SmartNode M-ATA Micro Analog Telephone Adapter

SmartNode



The world's smallest Analog Telephone Adapter! SmartNode™ M-ATA (Micro-Analog Telephone Adapter) is a tiny VoIP Gateway that quickly and easily converts an analog phone to VoIP for residential and telecommuter applications.

Overview

The SmartNode Micro Analog Telephone Adapter provides connectivity for analog phones to a home, home office or corporate LAN. Connecting to any analog phone or PBX, the SmartNode product is a cost effective solution for small offices and telecommuters to access Internet-based telephone services and corporate intranet systems across established LAN and Internet connections like xDSL and cable modems.

The M-ATA provides one Ethernet (RJ-45) port and one FXS (RJ-11) analog phone port for quick and easy interconnection to the local LAN. LEDs show at-a-glance the status of the system, LAN, WAN, and phone ports.

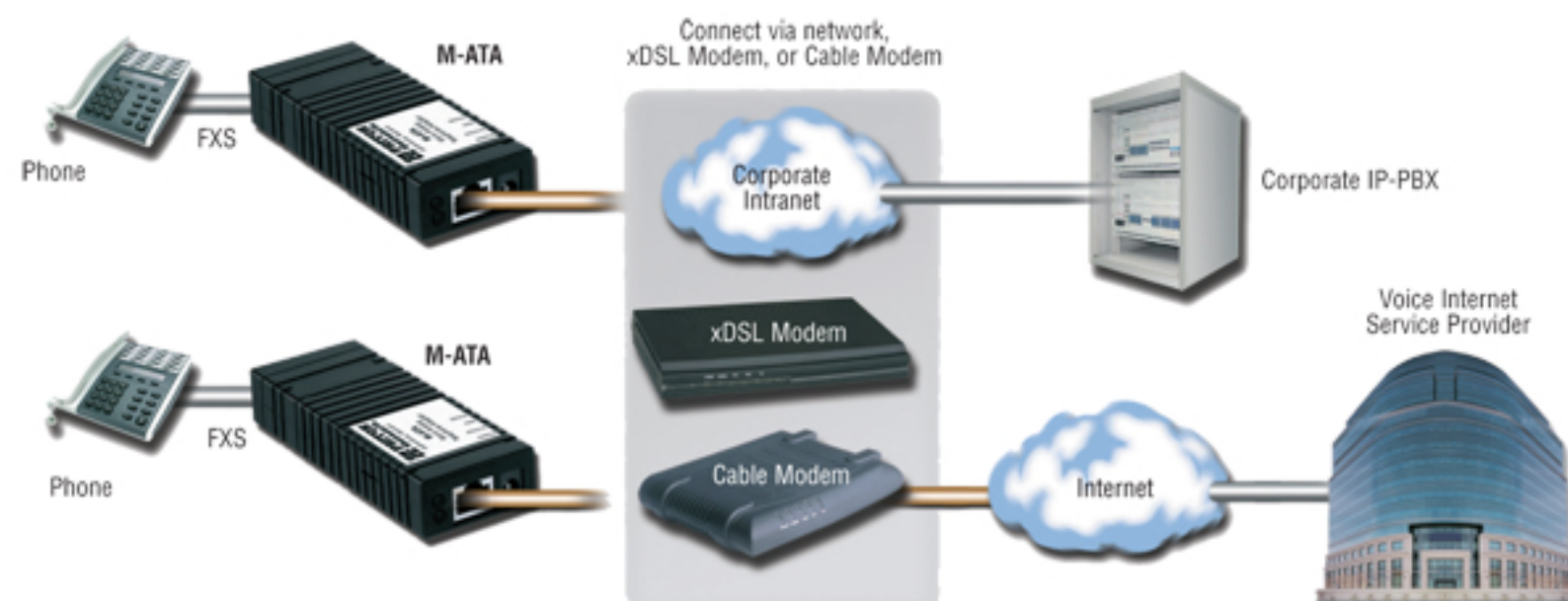
A full suite of IP features (DHCP, NAT/PAT) are available to maximize universal connectivity. VLAN tagging and prioritization enables voice traffic to be handled before data traffic insuring higher quality voice calls. Support for PPPoE tunneling simplifies extending corporate intranet services to telecommuters.

The user friendly web interface offers two levels of configuration; level one covers basic subscriber specific parameters, level two offers advanced settings for the transport network. Configuration and firmware can be downloaded from a centralized TFTP or HTTP server.

The M-ATA is SIP standard compliant. Analog phones attached to the SmartNode can use advanced calling features such as call forwarding, caller ID, 3-way calling, call holding, call retrieval and call transfer.

Applications

Patton's Micro Analog Telephone Adapter provides seamless access to Internet telephony and data services. The M-ATA connects to any broadband access provider via a cable or xDSL modem.



Features

- **Ultra-Miniature**—Smallest full-function analog telephone adapter available today!
- **Supports Over 20 Voice Calling Features**—Call waiting, call conference, caller ID, hotline, distinctive ring and more!
- **NAT, DHCP, PPPoE**—Provides maximum connectivity across firewalls and transport networks.
- **SIP Signaling**—Deploy into any multimedia, interactive, or softswitch network with the leading call and session signaling protocol.
- **Toll Quality CODECs**—Use standard G.711 or G.726 CODECs for toll-quality voice, or G.723 or G.729 for low-bandwidth applications.
- **Centralized Management**—HTTP/SNMP manageable from any location.