

# Access500

## VoIP IADs

SIP controlled services for small-to-medium businesses



**A**ccess500, family of Voice over IP integrated access devices (VoIP IAD), is a compact and cost-effective product line with solutions for any small-to-medium enterprise (SME). The Access500 product line enables service providers to offer their business customers a seamless migration path from TDM-based services to enhanced VoIP services using a softswitch telephony infrastructure. This family of single-box solutions breaks down the barriers of voice or data-only, TDM or IP-only networks and opens up new revenue streams.

The product line offers solutions to meet various service needs and its remote service activation allows service and revenues to grow without the need for truck rolls. Consistent services, configuration, and management simplify training, installation, and troubleshooting.

Access500's VoIP and IP class of service functionality are SIP based. Its flexible uplink options include 1 or 2 T1s and 10/100BaseT Ethernet. A Small-form Factor Pluggable (SFP) allows its 100BaseFX transceiver port to be used for optical Ethernet fiber-to-the-business (FTTB) connectivity. Customer interfaces are 10/100BaseT to the LAN and FXS analog interfaces and PRI/CAS PBX.

Access500 delivers superior access gateway functionality, providing a seamless integration of legacy voice customer equipment (PBX, key system, fax, modem, analog phone, etc.) into carriers' converged services core. It's interoperable with a broad range of softswitches including feature servers, application servers, trunk gateways, and session border controllers. ■

## Product Highlights

- ❖ Carrier-class, VoIP IAD
- ❖ Provides migration path from legacy customer equipment to IP-based services
- ❖ Combines packetized voice and data traffic onto NxT1 or Ethernet to reduce service delivery costs
- ❖ Leverages low-cost leased access to enter new markets
- ❖ Superior SIP-based VoIP quality, with IP class of service
- ❖ Advanced routing and firewall capabilities
- ❖ Up to 24 FXS ports
- ❖ PRI and RBS DS1 drop to provide VoIP connectivity to existing digital PBX
- ❖ Remotely manageable and configurable
- ❖ Compact 1 RU saves space
- ❖ AC and DC power options

