

AnyMedia® Line Access Gateway 2300



The AnyMedia® Line Access Gateway (LAG) 2300 offers a new IP/Ethernet option that helps optimize the network while streamlining operations. IP/Ethernet services can now be supported on the same platform used to deliver traditional voice services and ATM-based data offerings. This highly flexible multi-service platform allows service providers to quickly add the broadband services customers demand, using the technologies that best meet specific operating requirements. A single integrated network management system adds to the product's efficiency and provides cost-effective control over both voice and data services.

Applications

- Line Access Gateway/Softswitch support
- Circuit to packet migration
- Multi-service TDM and IP—or TDM and ATM—operation
- Hosting of other GR303 Digital Loop Carriers
- Native VoIP services
- IP Video deployment

Features

- **Broader multi-service capabilities** – Allows delivery of traditional circuit-based services from the same platform that supports either ATM data services—or new IP/Ethernet capabilities
- **High-density platform** – Supports up to 960 POTS lines per shelf – or any combination of DSL, POTS, ISDN, IP/Ethernet and special services
- **Easy-to-use application packs** – Enables rapid changes in the mix of services and technologies offered, using standard AnyMedia® application packs
- **Re-Use of Legacy Plugins** – Streamlines gradual evolution to IP/Ethernet based services with minimal capital and operations investment.

- **Broadband backplane** – Enhances revenue-generating opportunities by delivering high-speed premium data, voice and multimedia services
- **Open switch interfaces** – Optimizes integration by allowing the AnyMedia® LAG 2300 to operate with any other equipment using the latest industry standards including GR-303, TR-008, ATM, IP, SIP and H.248.
- **Integrated management** – Provides streamlined, cost-effective control for both voice and data services, using the same system as other AnyMedia® platforms
- **Seamless migration** – With its IP/Ethernet capabilities, offers an easy migration path while supporting traditional voice services
- **Decreased operating costs** – A high-density, multi-service platform simplifies operations—and makes optimal use of space
- **Enhanced revenue opportunities** – Supports a full spectrum of high-value voice, data and multimedia services, including IP video capabilities
- **Streamlined management** – Provides the same system for voice and data, increasing operating efficiency, minimize training—and simplify network convergence

Benefits

- **Future-oriented design** – Facilitates addition of new broadband capabilities, including IP/Ethernet, while minimizing capital expenditures
- **Reduced CAPEX** – Single-platform solution eliminates forklift upgrades—and decrease spending on components and interfaces
- **Quicker response times** – Enables use of standard “any service, any slot” application packs to quickly deliver the services customers demand
- **Reliable performance** – Maintains high availability with dedicated bandwidth to keep premium customers satisfied
- **Interoperability** – Enables seamless operation with a wide range of equipment through standard open interfaces—and supports smooth network evolution



Specifications

Description

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1. Dimensions

Height:	18 inches high, with fan 19.5 inches high
Width:	21.4 inches wide
Depth:	13 inches deep

2. Housing

Support for both indoor and outdoor configurations.

3. Card Slots

16 for application packs

4. Application and Services

Narrowband:	POTS Payphone
Leased Lines:	Analog Leased Lines Digital Leased Lines via U-interface Nx64 Kbps digital leased line 2.048 Mbps structured leased line 2.048 Mbps unstructured leased line
Broadband:	ADSL Full rate/G.Lite ADSL2+ SDSL 2B1Q SHDSL VDSL (future) WiFi (future)

5. Operating Environment

The AnyMedia LAG 2300 meets environmental standards including Telcordia Technologies, Inc. NEBS FCC electromagnetic compatibility (EMC) and safety requirements, FCC EMC requirements and *UL* standards for telephone equipment.

6. Conformance Standards

The AnyMedia LAG 2300 complies with ANSI standards and Telcordia Technologies, Inc. requirements on TR-08, GR-303, ISDN and asynchronous interface standards.

7. Interfaces

To the subscriber:	POTS ISDN-BRA via 2B1Q HDSL interface SHDSL interface ADSL ADSL2+ SDSL
To the network:	IMA, DS1 IMA interfaces for narrowband services DS3 and OC-3c interfaces for broadband services IP

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