Network Access

Polycom NetEngine 3300D

Upgrade to high-speed, high-performance DSL without compromising your existing network

▼ Interoperable with Lucent Stinger™/TNT™, Nokia's Speedlink™ System, Promatory IMAS™, AccessLan PacketLoop™, Accelerated Networks AN-3200, and Copper Mountain CopperEdge™

▼ Provides seamless migration from T1/E1 services to SDSL

▼ Supports Nx64 Kbps rates up to T1/E1

▼ Offers static and dynamic IP routing and bridging capabilities

▼ Supports the broadest range of symmetrical data rates from 144 Kbps to 2.3 Mbps

▼ Network Address Translation (NAT) allows a single IP address to be shared among multiple users

▼ DHCP provides for easy management of LAN addresses

▼ Managed via RS-232 Console Port, Telnet or SNMP

▼ Customer support available worldwide

Connect to the DSL network without compromise. For small and medium-sized businesses, branch offices or remote access users, the Polycom® NetEngine™ 3300D SDSL DSU makes the speed of DSL available to everyone. Through a simple customer premise installation, it's possible to upgrade to SDSL without replacing existing CPE equipment. By supporting Nx64 Kbps rates up to T1 and E1, a seamless migration from a traditional T1 line, an E1 leased line, or Frame Relay to SDSL, is simple and economical. NetEngine 3300D is also designed to support numerous networking architectures and includes the FRF.5 and FRF.8 Frame Relay to ATM interworking standards. The NetEngine 3300D allows for all of this without compromising existing networks.

Interoperability protects the network investment. NetEngine 3300D has wide interoperability with industry-leading DSLAM manufacturers and supports both Frame Relay and ATM network access. Having industry interoperability in place today eliminates concerns associated with having to replace network CPE when network architecture changes—a reality many businesses face.
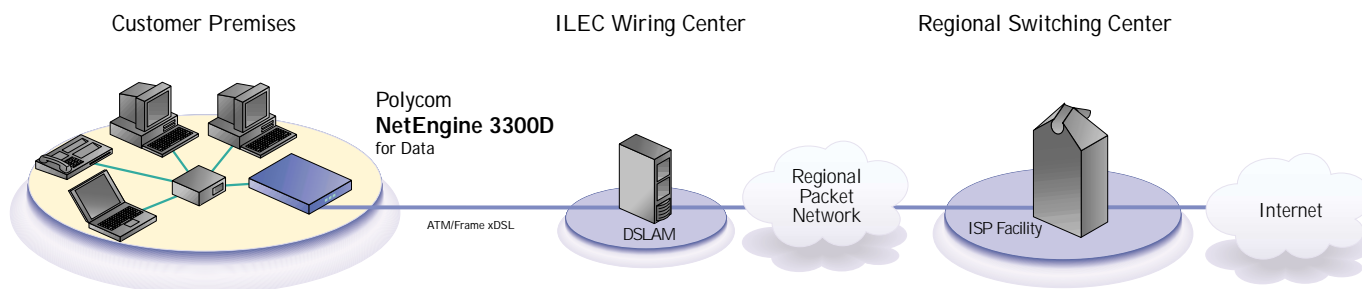
User-friendly menu interface. NetEngine 3300D makes network management and configuration easy. The simple, menu-driven interface is available direct via console over Ethernet or SDSL link using Telnet. NetEngine 3300D also supports SNMP, and with TFTP, software upgrades are done seamlessly.

The NetEngine 3300D enables small and medium-sized businesses, branch offices and telecommuters to upgrade their Internet service at an affordable price—without compromising existing networks.

POLYCOM®

NetEngine 3300D Applications—made possible without replacing existing CPE or compromising existing networks:

▼ **For small and medium-sized businesses**

▼ **For branch office connectivity**

▼ **For telecommuters**

▼ **For remote office access users**

For high-speed, high-performance Internet and corporate intranet access

▼ **Web browsing**

▼ **File transfers**

▼ **E-commerce**

▼ **Web hosting**

▼ **Videoconferencing**

▼ **Any client-server applications**

Driving Data Over DSL

Customer Premises   ILEC Wiring Center   Regional Switching Center

Polycom
NetEngine 3300D
for Data

ATM/Frame xDSL

DSLAM

Regional
Packet
Network

ISP Facility

Internet

Polycom NetEngine 3300D Technical Specifications

DTE Interface
USI (Universal Serial Interface—E1A530/V.35)
   Maximum clock rate is SDSL line rate—Nx64
   selectable

(DB25 female connector)

Network Interface
SDSL—single pair 2B1Q interface

Supports SDSL data rates from
   144 Kbps to 2.3 Mbps

Transmission range over 20,000 ft.

Configuration and Network Management
RS-232 menu-based user interface
   (DB9 Connector)

Telnet and SNMP

TFTP download/upload of software, configuration
   files and scripts

Dynamic event and history logging

ATM/Frame Relay
ATM—RFC 1483

Frame Relay—RFC 1490

FRF.5 or FRF.8 Frame Relay to ATM Interworking

HDLC

PPP over ATM—RFC 2364

DSLAM Interoperability
Lucent Stinger™/TNT™

Nokia's Speedlink™ system

Promatory IMAS™

AccessLan PacketLoop™

Accelerated Networks AN-3200

Copper Mountain CopperEdge™

Power
18V DC @ IA with supplied AC/DC adapter

Internal power supply (10 Watts max.)

Physical
1.5 in X 11.75 in. X 8.1 in.

Environmental
0 to 50° C operating range

10 to 90% non-condensing humidity

Warranty
Three years

POLYCOM®

Part No. 3726-06588 Rev. 01/00.