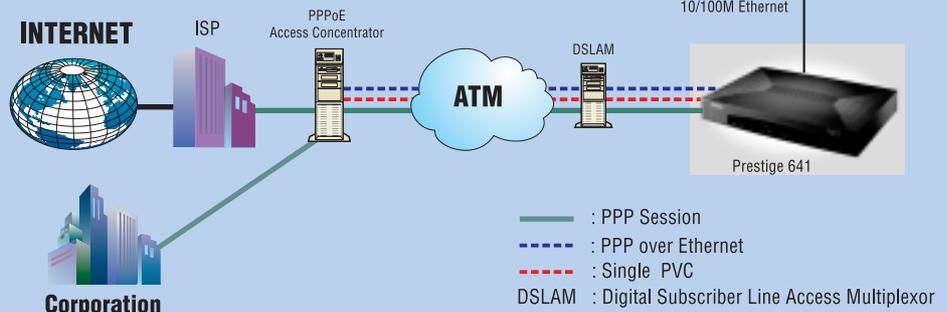


Prestige 641

PPP over Ethernet for Internet Access

Using PPPoE (RFC 2516), the Prestige 641 intergates the broadband technologies remote access and traditional copper line system to provide user-friendly plug and play interface.



ISO 9001 Certified.



This product is based on the ZyNOS Networking Operating System with free firmware upgrades that can be downloaded as they become available.

Specifications are subject to change without notice.

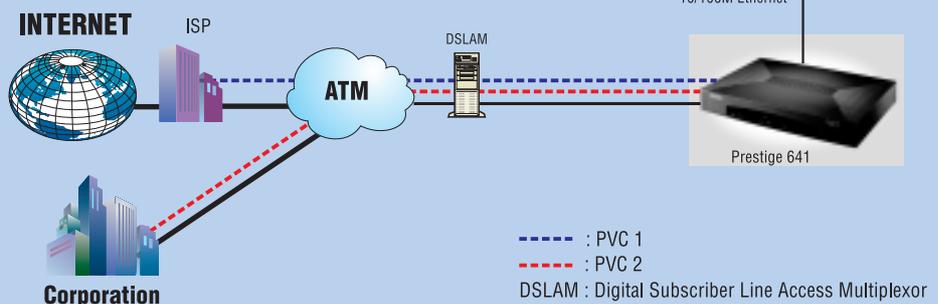
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Broadband Internet Access

The Prestige 641's Single User Account(SUA)/Network Address Translation(NAT) enables multiple workstations on the local area network to access the Internet for the cost of only one ISP account.

LAN-to-LAN Connection

The Prestige 641 supports up to 12 VCs (Virtual Circuit) that users can simultaneously get voice, data, video from different remote nodes.



ZyXEL

TOTAL INTERNET ACCESS SOLUTION

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Prestige 641

ADSL Internet Access Router



ZYXEL's standard-based Prestige 641 ADSL router provides a downstream rate of up to 8 Mbps, which is more than 140 times faster than a 56K modem. Coupled with ZyNOS, ZyXEL's feature-rich networking software, the Prestige 641 is indeed an ideal solution for small offices and home offices to reap the benefits of ADSL.

ADSL Compliance

- RADSL (DMT T1.413, Issue 2) interface with a maximum downstream rate of up to 8Mbps and upstream rate of up to 640Kbps
- Future Firmware upgrades to G. Lite(G.992.2)
- Auto-negotiating rate adaptation

ATM Support

- ADSL physical connection supports ATM AAL5 (ATM Adaptation Layer type 5)
- ATM Forum UNI 3.1/4.0 PVC
- Support VC-based and LLC multiplexing
- Support up to 12 VCs (Virtual Circuit)-UBR,VBR*
- ILMI*
- OAMF4/F5*

PPP Support

- Multiple protocol over AAL5 (RFC 1483)
- PPP over AAL5 (RFC 2364)
- PPP over Ethernet (RFC 2516) for dynamic multiple services selection

Internet Access Sharing

- SUA (Single User Account)/NAT (Network Address Translation) enables multiple workstations on the LAN to access the Internet for the cost of only one IP address.
- NAT(Network Address Transmission) supports PAT(Port Address Translation) and Multimedia Application (NetMeeting, CuSeeMe, ICQ, etc.)

Network Protocols

- IP routing supports RIP-1 and RIP-2
- Transparent bridging/IPX
- DHCP server automatically assigns IP addresses to the workstations.
- DHCP client capability automatically gets IP and DNS server address from DHCP server at ISP. DNS Proxy replies automatically to client DNS requests.

Network Management

- Windows-based configuration software (Prestige Network Commander)
- Menu driven user interface for easy network management
- Local and remote console management
- TFTP (Trivial File Transfer Protocol) firmware upgrade and configuration backup and restore
- FTP server for remote management*

Robust Security Features

- Packet Filtering for controlled access to and from your LAN
- Password Protected System Management Terminal
- PAP (Password Authentication Protocol)
- CHAP (Challenge Handshake Authentication Protocol)
- Microsoft CHAP

Physical Interfaces

- One RJ-11 port for ADSL connection
- One RJ-45 port for 10M/100M Ethernet LAN connection
- One Console port for local configuration and management

Other

- Microfilter supplied
- POTS Splitter available for sale
- Interoperable with Alcatel's DSLAM Generation 3

Warranty

- 2 years

* Future feature

Specifications are subject to change without notice.

ZyXEL

TOTAL INTERNET ACCESS SOLUTION