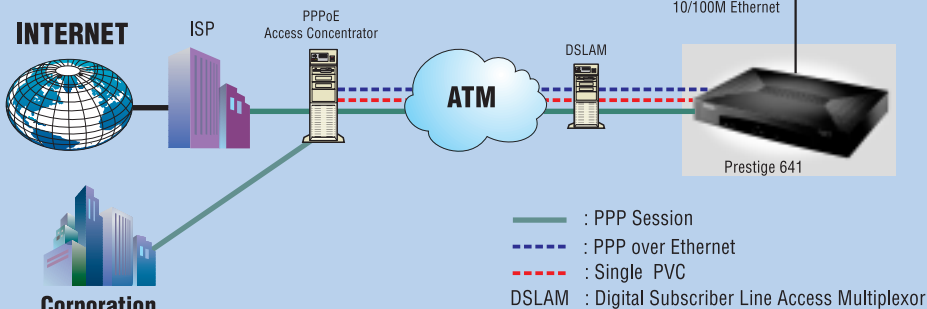


# Prestige 641

## PPP over Ethernet for Internet Access

Using PPPoE (RFC 2516), the Prestige 641 intergates the broadband technologies remote access and tranditional 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.*

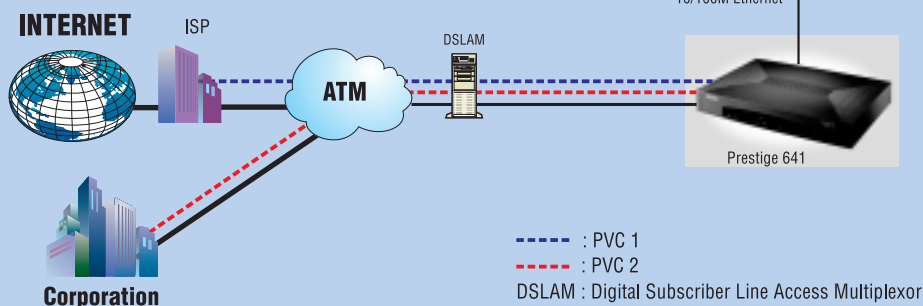
*All trademarks are the property of their respective owners.*

## 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



**Z**YXEL'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 Translation) 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.*

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