

Solutions for Extending Enterprise Backbones

3Com systems implement high-speed processing for WAN backbones, providing fast, reliable communications along with flexible growth—and a rich set of cost-saving features. Using dedicated or dial-up lines, NETBuilder II® platforms operate in meshed or nonmeshed topologies for direct any-to-any connections. NETBuilder II router and NETBuilder II WAN Extender services include Frame Relay, X.25, SMDS, ISDN/dial, Switched 56, and channelized T1/T3 and E1/E3 interfaces. For LANs, the routers support Token Ring, Ethernet, Fast Ethernet, FDDI, and ATM technologies, and all network protocols.

For scalable, multiprotocol links to remote branch office locations, add SuperStack™ II NETBuilder® routers. Easy to set up and use, they support dial services, X.25, Frame Relay, and SMDS as well as cost-saving, plug-and-play Boundary Routing® system architecture in Ethernet and Token Ring environments, with the option of ISDN.

With Boundary Routing system architecture, NETBuilder routers let an enterprise centralize complexity in main offices where MIS staff is on hand, greatly simplifying router administration. Other cost-cutting features of NETBuilder routers include data compression, bandwidth-on-demand, and dial-on-demand.

- Chassis-based NETBuilder II routers, with a complete range of compatible, hot-swappable LAN and WAN interface modules
- NETBuilder II WAN Extender for ISDN PRI and channelized T1/E1 services
- NETBuilder II system support for all major routable protocols including APPN over Frame Relay, ATM DXI, SMDS, ISDN, and X.25; and IP, IPX, and transparent bridging over ATM UNI
- Central integration of remote SuperStack II NETBuilder platforms, with the option of Boundary Routing system architecture
- SuperStack II NETBuilder router capabilities—including upgrades from Boundary Routing software to access routing, full routing, and X.25 connection service

Choices for Extending Enterprise Backbones— A Remote Networking Buyer's List

NETBuilder II and SuperStack II NETBuilder Routers

NETBuilder II chassis and modules	pages 7-4 through 7-9
NETBuilder Software	pages 7-12 through 7-13
NETBuilder II WAN Extender 2T1 and 2E1 interfaces for ISDN PRI	page 7-10
SuperStack II NETBuilder routers for Ethernet, Token Ring, Ethernet with ISDN, and Token Ring with ISDN	pages 7-14 through 7-20
Transcend network management for NETBuilder II and SuperStack II NETBuilder routers	Section 11





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3Com delivers complete WAN backbone solutions to integrate enterprise networks and provide network speed, reliability, and economy.

