

## End-to-End Systems That Simplify Remote Networking

With 3Com remote solutions, point product excellence and system benefits go hand in hand. Our point products deliver exceptional levels of performance, reliability, and ease of use in any number of environments, as part of 3Com's multivendor solutions.

Our standards-compliant systems—including SuperStack™ II and OfficeConnect™ products—provide a wealth of benefits to simplify growth and leverage administrative resources. Our systems offer LAN/WAN integration, with extensive platform choices and features to match specific needs. The systems are designed to scale. They accommodate step-by-step expansion to support new users, applications, and technologies.

Our remote systems include many features to reduce line usage charges, a major factor in WAN budgets. By centralizing network complexity and distributing simplicity, 3Com systems support the most cost-effective use of administrative time. Overall network monitoring and control is centralized by system-wide Transcend® management applications. They are integral to 3Com's Transcend Networking framework, offering the capabilities to scale the performance, extend the reach, and manage the growth of today's networks.

Like 3Com's products, our system solutions adhere to open, multivendor industry standards. And 3Com solutions are technology and platform neutral. We support the full range of LAN and WAN technologies so you can select the solution that's right for you.

Here's a sample of the solutions we offer:

- Boundary Routing® system architecture, based on NETBuilder® router connections that dramatically simplify router administration at remote sites—including remote sites with SNA connectivity
- SuperStack II systems, featuring SuperStack II NETBuilder routers with multiprotocol Boundary Routing system architecture, access routing, or full routing capabilities, and the option of easy capability upgrades
- OfficeConnect™ systems, providing compact, clip-together desktop components, including ISDN routers, an Internet gateway, an Ethernet-to-Fast Ethernet switch, 10BASE-T and 100BASE-T hubs, and print, fax, and CD-ROM servers
- AccessBuilder® products, a family of access concentrators, LAN/WAN switches, access routers, and access servers that provide multilevel security choices and the option of ISDN speed and reliability
- 3ComImpact™ IQ external ISDN modems (available in the U.S. and Canada only) and EtherLink® III LAN+33.6 Modem PC Cards for individual connections to Internet and intranet applications and data



*SuperStack II System with SuperStack II NETBuilder 427 Router*



*OfficeConnect System with OfficeConnect Remote 530 Access Router*



*AccessBuilder 4000 Remote Access Server*



*3ComImpact IQ External ISDN Modem (available U.S. and Canada only)*

# Comprehensive WAN Solutions:

## Products and Systems for Every Environment, from the Enterprise Backbone to the Home Office

The principles of Transcend® Networking remain the same across every environment, LAN or WAN. Simplify network complexity. Protect network investments while supporting incremental growth. Conform to industry standards and open architectures and offer technology-neutral choices. And provide full system management. But because network infrastructures vary, the implementation of Transcend Networking principles changes across enterprises, small offices, personal offices, and providers of Internet connections. End-to-end 3Com systems deliver solutions for every type of environment.

### 1. Solutions for Extending Enterprise Backbones

To tie together large, geographically remote networks, 3Com gives you a choice of powerful, multiprotocol NETBuilder II® routers for large central sites and SuperStack™ II NETBuilder® routers for central offices and remote locations. These scalable 3Com routers support large private data networks, intranet access capabilities, and LAN extension to increase network reach. They also provide network redundancy to ensure line availability, and they offer features to reduce the costs of dial connections.

### 2. Solutions for Providing Enterprise Remote Access

Today's networks encompass an increasing number of small, widely dispersed remote offices and individual users who need reliable, easy-to-manage access to central information resources. Economical ISDN-based AccessBuilder® 7000, 700, and 600 routers and compact OfficeConnect™ routers integrate office-to-office connections. AccessBuilder remote access servers and LAN/WAN switches let central sites provide easy, secure remote access for offices and individuals. And individuals can set up fast remote connections with 3Com EtherLink® III LAN+33.6 Modem PC Cards and 3ComImpact™ IQ external ISDN modems (modems available in the U.S. and Canada only).

### 3. Solutions for Connecting IBM Sites

Many large organizations need to integrate data networks and legacy SNA resources. NETBuilder platforms—including SuperStack II NETBuilder routers—offer powerful integration capabilities. NETBuilder platforms implement SNA-optimized Boundary Routing® system architecture for economical and reliable connectivity. And the NETBuilder platforms' Data Link Switching (DLSw), APPN/HPR routing, and Frame Relay support bring SNA into full partnership with data networks.

### 4. Solutions for Connecting Small Businesses

For Internet access, LAN extension, transaction processing, and dozens of other capabilities, 3Com has scalable solutions. AccessBuilder 500 and 400 access routers suit larger offices with established LANs. For a business just setting up a LAN and also needing remote connections, 3Com OfficeConnect routers for ISDN offer great choices. They clip together with OfficeConnect Ethernet hubs to form a complete and extremely compact LAN/WAN system, including print, fax, and CD-ROM server options.

### 5. Solutions for Internet and Network Service Providers

Internet service providers and network service providers must adapt economically and quickly to changing customer requirements. 3Com's carrier-class AccessBuilder 8000 system provides a software-based platform that delivers reliable, high-speed, high-density access to data networks, online services, the Internet, and other resources.

- 1 Solutions for Extending Enterprise Backbones, page 1-4
- 2 Solutions for Providing Enterprise Remote Access, page 1-6
- 3 Solutions for Connecting IBM Sites, page 1-8
- 4 Solutions for Connecting Small Businesses, page 1-10
- 5 Solutions for Internet and Network Service Providers, page 1-12

