

*Putting the power of the Internet to work  
for your business*



## Use your SNA or APPN network for intranet and Internet access

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### **Highlights**

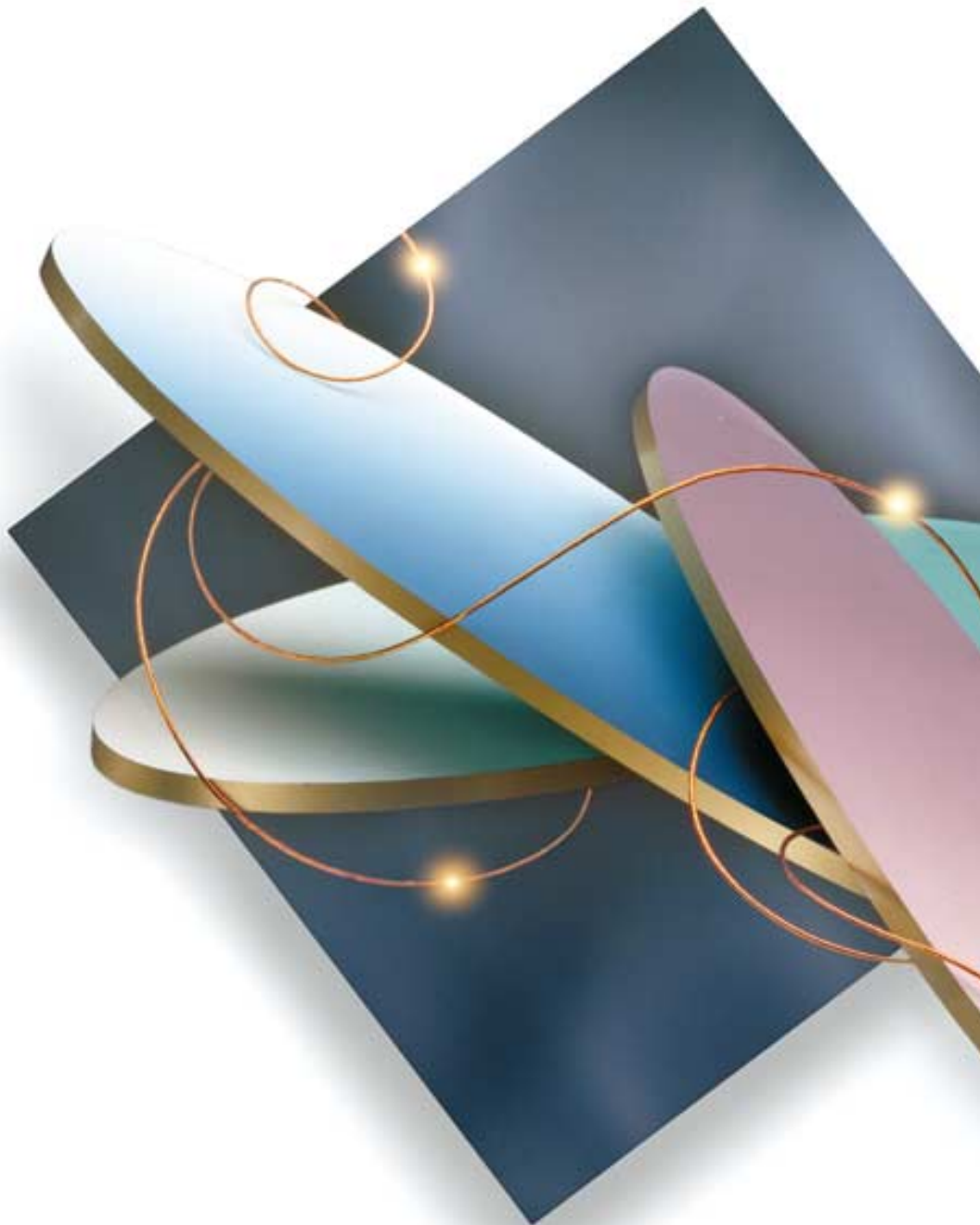
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***Cruise the Internet over an SNA, APPN, or HPR network with IBM AnyNet multiprotocol technology***

***Take advantage of the SNA and APPN benefits you value today—efficiency, reliability, data compression, traffic prioritization, congestion control, centralized management—for all your networking activities***

***Choose applications to fit your business needs without the expense and worry of changing your network infrastructure***

***Improve connectivity with IBM Communications Server and IBM 2217 Nways Multiprotocol Concentrator, multiprotocol solutions for existing SNA networks***



## *Tap into the power of the Internet*

Feel the power of the Internet—the power of communication and multiprotocol collaboration. Connect your business to the World Wide Web (WWW) with the SNA network you already have in place and IBM AnyNet multiprotocol technology. Connect Web servers and browsers over your SNA intranet for workgroup collaboration, or access the WWW from your corporate SNA backbone.

### **Easy access**

The Internet is becoming indispensable for communication and information sharing for businesses, large and small. To gain access to the Internet, many companies install routers and TCP/IP. But you can extend your reach and gain Internet access without the use of TCP/IP or routers.

Do you have an SNA network in place today or access to an SNA network provider, such as IBM Global Network?

If so, you have full access to the Internet with your SNA network.

The Internet is actually a network of networks and your SNA, Advanced Peer-to-Peer Networking (APPN), or High-Performance Routing (HPR) network can be a full participant. HPR combines the best attributes of SNA, APPN, and TCP/IP. With AnyNet technology, integrated in IBM Enterprise Communications software or as an integrated hardware solution using 2217 Nways Multiprotocol Concentrator, you can connect your SNA network to the Internet and take advantage of all Internet services.

### **The World Wide Web**

The WWW is a global repository of documents linked together to form a “web” of information. Documents stored on the WWW can contain images, sound clips, and even animation or video. A special protocol, called HyperText Transfer Protocol (HTTP), is used to transfer the text, graphics, images, and voice information across the Internet—and gives us the term hypermedia.

Using any popular Web browser (even Java-enabled browsers), you can access any information stored on the Web and jump from document to document with a click of your mouse button.

Using the AnyNet solution, you're guaranteed Internet and hypermedia access over SNA—without requiring the installation of TCP/IP on your workstations or your network. In fact, implementing an AnyNet solution requires no modifications to your existing hardware or applications.

### **Firewalls and security**

Do you need to provide protection and security for your network while you access new information and communicate globally? The AnyNet solution works with the firewall product of your choice, such as IBM Internet Connection Secured Network Gateway for AIX.

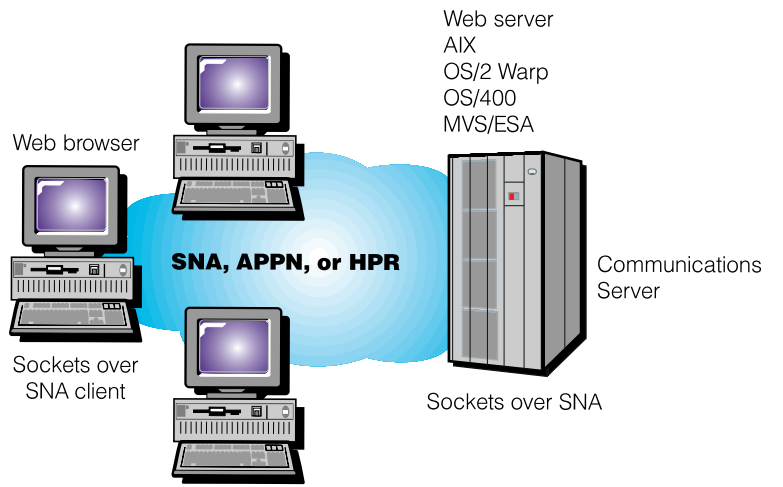
### **The AnyNet solution**

With the IBM AnyNet solution, you get all the advantages of the SNA network benefits you value today—predictable response time, traffic prioritization, data compression, and cost-effective bandwidth utilization—and gain the added benefits of running Web servers and browsers or any TCP/IP Sockets application, such as FTP, Lotus Notes, SAP R/3, and Telnet, over your SNA network.

### **Business scenarios**

Take a look at some real-life business scenarios and see how IBM can help you start taking advantage of the power of the Internet.





## Communications Servers

IBM Communications Servers separate the choice of application from the choice of protocol and platform. Improved multiprotocol connectivity, system availability, and performance help you seamlessly integrate diverse networks and applications. IBM offers the right networking solution for you, whether your system is based on SNA, Internet Protocol (IP), or is a mixed network.

Communications Server for OS/2 Warp is a high-performance, multiprotocol gateway that incorporates the comprehensive support provided in today's Communications Manager/2 (CM/2) and AnyNet technology.

Communications Server for AIX also provides a high-performance, multiprotocol gateway that can be channel-attached to the central computer.

With your existing SNA network and the Sockets over SNA capability of Communications Server for OS/2 and Communications Server for AIX, you can access other sockets applications, such as Lotus Notes, SAP R/3, or Telnet.

## 2217 Nways Multiprotocol Concentrator

The 2217 Nways Multiprotocol Concentrator (2217) is an SNA-oriented, multiprotocol solution for high-speed LAN interconnection across WAN backbones. For example, the Sockets over SNA gateway is integrated in 2217. With 2217, your LANs have the benefits of SNA, such as traffic prioritization, data compression, cost-effective bandwidth utilization, and proven management. And, 2217 enables all your protocols to take advantage of third-generation technologies—HPR, APPN network node, and dependent logical unit requester (DLUR) function. The 2217 extends the scope of your SNA and APPN backbone to include multiprotocol transport. It lowers the cost of network ownership by reducing network management, administrative support, and bandwidth needs.

## Related products and publications

IBM offers complete Internet solutions that include hardware, software, network services, and consulting services.

The following brochures provide additional information to assist you with the development of your Internet solution.

- Communications Server for AIX, G325-3572-02
- Communications Server for OS/2 Warp, G325-3596-01
- 2217 Nways Multiprotocol Concentrator, G325-3515-01
- Connecting your business to a world of new possibilities, G325-3589-00

## For more information

IBM provides solutions that allow you to take advantage of the power of the Internet. For more information please contact your IBM representative or authorized reseller. Or, look for us on the WWW at URL:

<http://www.raleigh.ibm.com>



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