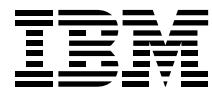# 10

# *Reasons to use the IBM Communications Server for OS/2 Warp*

**IBM**

To take advantage of your workstation's networking power, use the IBM Communications Server for OS/2 Warp, Version 4.1. Here are the top ten reasons Communications Server could be the best networking decision you ever made:

**1** **Multiprotocol support.** Applications written to SNA, Sockets (TCP/IP), IPX, or NetBIOS, run without change over an SNA or a TCP/IP network, mixing and matching as your networking needs change. TN3270E server support allows clients in a TCP/IP network to access 3270 central computer applications. The extensions include printer services, responses, requesting a resource, and attention and system request 3270 keys.

**2** **Versatile SNA gateway support.** SNA applications running in familiar desktop environments, such as OS/2, DOS, Windows, Windows 95, or Windows NT, can use Communications Server to communicate across both SNA and TCP/IP backbones to other SNA applications. NetWare and Apple gateways can also be connected to a centralized computer through the Communications Server gateway.

**3** **Comprehensive OS/2 and Windows workstation support.** Communications Server is shipped with separately orderable and installable access Features that provide application support for OS/2 and Windows workstations. Support includes application programming interfaces (APIs), connectivity services, and multiprotocol support

**4** **Broad range of APIs.** Software developers can use the rich set of 32-bit APIs to develop powerful SNA communication applications for distributed and peer computing, including support for CPI-C, APPC, LUA, X.25, ISDN and ACDI. It also includes CPI-C support for Win-OS/2, enabling the use of Windows CPI-C applications in a Win-OS/2 session.

**5** **Ease of mobile computing.** Applications can now be taken "on the road" with Communications Server and the OS/2 Access Feature. There's no need to rewrite existing applications to make them mobile. Remote workstations and laptops can easily access information on central computers and other workstations, with modems or standard synchronous and asynchronous adapters.

**6** **SNA end-to-end networking facilities.** Communications Server's Advanced Peer-to-Peer Networking network node and end Node (APPN) support provides SNA networking facilities that connect distributed computing and peer-to-peer applications to their servers. This includes high-performance routing (HPR) for improved throughput and availability.

**7** **Capacity for major growth.** You can grow your network to as many as 2000 downstream workstations, with 20000 simultaneous central-computer sessions to the same or many different centralized computer systems, and have unlimited sessions when running APPN networks.

**8** **Usable systems management.** Communications Server comes enabled for easy remote installation with configuration, installation, and distribution (CID). Once it's installed, our set of graphical customization tools make configuration a snap, and our management APIs ease the flow of management data to your network management application.
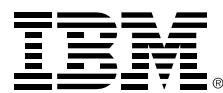
**9** **Widest range of connectivity options.** Communications Server provides you with the support you need, with the widest range of connectivity options in the industry: whether your network is local, branch, or remote: employs asynchronous, synchronous, or digital networks running SDLC, X.25, ISDN, IDLC, FDDI, Frame-relay, or ATM protocol technologies; makes simultaneous use of switched and leased lines; uses WAN line speeds of 2 Mbps, or faster; or supports IBM and non-IBM adapters including hardware-vendor-provided protocols.

**10** **Reliability and proven quality.** Communications Server brings you enhanced reliability, with capabilities, like gateway and centralized link backup, rerouting around network outages, and automatic link reconnection. Plus, Communications Server has a distinguished heritage of quality, service, and support from its Communications Manager/2 and AnyNet predecessors.

## For more information

Contact your IBM marketing representative or business partner. Or visit our home page on the World Wide Web at URL: http://www.raleigh.ibm.com

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