QANTEL NetQSP Server

QANTEL® NetQSP™ Server is a Qantel Standard Protocol (QSP) to Internet protocol proxy server. This server allows PCs that are running QIC-PC II™ to communicate with QANTEL systems running BEST/AOS™. This proxy server provides the functional interface needed for seamless communications between QSP channels from a QANTEL system and a PC network which runs under TCP/IP; TCP/IP being the chosen protocol of the world's largest network—the Internet.

The NetQSP Server allows you to use today's advanced communication equipment, giving you the advantage in today's ever changing network topologies. Client systems can connect to the NetQSP Server through a variety of network configurations including:

the Internet

frame relay network

PPP Dial-up

ATM network

local 10/100 Ethernet

Whatever network you have, whatever name service you have (DNS, DHCP or WINS), the NetQSP Server will 'plug and play'. Flexibility and options are the key words in connectivity, and the NetQSP Server was designed to give you this flexibility. It is ideally suited to integrate with new or existing networks.

The next generation of software for user connectivity!

QANTEL NetQSP Server Specifications

The NetQSP Server software runs on a dedicated personal computer connected between your QANTEL system and a PC network. The NetQSP Server software must be installed on a Windows 9x or Me system and cabled directly into a QANTEL mini-system.

Devices

The NetQSP Server supports up to 31 device addresses per QSP serial port. Multiply this by 8 ports per server, and you have a network of 248 devices connected to one server.

Clients

The NetQSP Server requires QIC-PC II software to be installed on each client PC accessing the Socket Server. The NetQSP Server includes 20 QIC-PC-II licenses per port and can be increased up to 31 per port.

Communication Controller

Each configured serial port of the NetQSP Server system must be connected to a dedicated channel of a workstation communication controller. The maximum cable length between the workstation communication controller and the socket server system is 50 feet (standard RS-232). The following workstation communication controllers are supported:

IOU-56 (Model number 4807)
IOU-39Q (Model number 4804)
ICCR/ICTC (Model number 4816 or 4817)

Communication Ports

There are no exotic com port requirements—standard VCOMM (16550) UARTS are all you need. Eight ports per server are allowed.

Security

QSP was designed to provide security protection from unwanted sources. The NetQSP Server was designed with the latest industry standard communication technology. This technology allows the user to take advantage of other security options available. For example, NT and its Dial-up networking for clients allows for client validation before granting access.

A QANTEL Identification Device Type 3 (QID) is required. It must be in place before the NetQSP Server software is activated and must remain connected to the system when the NetQSP Server software is in use. This typically requires a dedicated parallel port.

System Requirements

The NetQSP Server requires a Pentium 90 or higher with at least 16MB of memory, a functioning TCP/IP network (e.g. Ethernet) and a functioning Name Server (e.g., DNS or WINS).

For information on how QANTEL Products can benefit your business, contact Qantel Technologies, Inc. or your local QANTEL Product Dealer.

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