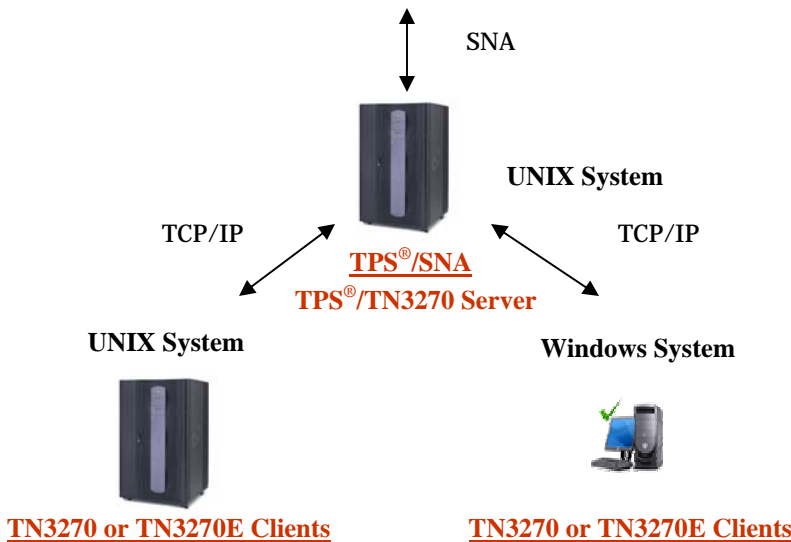


TPS[®]/TN3270 Server (TCP/IP) acts as a gateway between SNA applications on a mainframe / host system and downstream TN3270 and TN3270E clients connecting via TCP/IP.

Supported on a variety of different Unix[®] and Windows[®] platforms, **TPS[®]/TN3270 Server (TCP/IP)** is a standards compliant TN3270 and TN3270E emulation that enables downstream TN3270 Clients access to legacy applications or data on IBM[®] mainframes (i.e.; TSO[™], CICS[™], VM[™], etc.) via a gateway.

TPS[®]/TN3270 Server supports both terminal (LU2) and printer emulation (LU1 / LU3). **TPS[®]/TN3270 Server** requires the services of a co-resident SNA subsystem (i.e.; [TPS[®]/SNA](#) or IBM[®]/SNA) to handle the actual communication to the host / mainframe system.

Mainframe / Host System



HIGHLIGHTS

- ✓ Standards compliant (RFC 1446) TN3270 and (RFC 1647) TN3270E emulation for terminals (LU2) and printers (LU1 and LU3)
- ✓ Supports utilization of advanced functions by TN3270 or TN3270E clients
- ✓ Supports SSL (Secure Socket Layer) encryption
- ✓ Configurable TCP port – allows users to specify the socket/port used by the server, so potential conflicts with remote logins and other TCP/IP facilities are avoided
- ✓ Supports TN3270 Clients file transfers via IND\$FILE protocol
- ✓ LU session pooling to simplify system administration
- ✓ Supports BSC
- ✓ Trace facility simplifies problem determination
- ✓ From [TPS[®] Systems](#) — with 25+ year tradition of excellence in providing network software and support for large global enterprises

PRODUCT POSITIONING

TPS[®]/TN3270 Server (TCP/IP) is an ideal solution when:

- Downstream devices with TCP/IP connections and TN3270 software need to participate in SNA networks
- Minimizing or eliminating SNA WAN connections while maintaining network performance
- Data communication needs to be encrypted with SSL

*Do you need TN3270 Clients? **TPS[®] Systems** provides a full featured TN3270 Client (TCP/IP) . Check out [TPS[®]/TN3270 Client](#) .*

FEATURES

3270 Terminal Support (LU2)

- 3277 Model 1 (24x80)
- 3278 Models 2 (24x80), 3 (32x80), 4 (43x80)
- 3279 Color Models 2 (24x80), 3 (32x80), 4 (43x80), 5 (27x132)

3270 Printer Support (LU1 and LU3)

- 3286 Model 1 and 2 (up to 102x255)
- 3287 Model 1 and 2 (up to 102x255)

Session Support

- Multiple 3270 sessions per client system

File Transfer

TPS®/TN3270 Server supports TN 3270 clients which do file transfers to and from the host using the standard IND\$FILE protocol. It can be used to transfer both binary and record type files.

Secure Socket Layer (SSL) Support

TPS®/TN3270 Server can create a SSL connection to a SSL enabled TN3270 Client, over which data can be sent securely.

Protocol Support

TPS®/TN3270 Server supports the standard TN3270E protocol for terminals (LU2) and printers (LU1 and LU3). TN3270 Server requires the services of a co-resident SNA subsystem that handles the actual communication configurations dealing with connections.



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RELATED PRODUCTS

[TPS®/TN3270 Client](#): 3270 emulation over a TCP/IP connection for UNIX® and Windows® platforms

[TPS®/SNA](#) and [TPS®/SNA Primary](#): Full-function SNA subsystems for popular UNIX® platforms

EVALUATION LICENSES

Evaluation copies of TPS® software products are available for a pre-specified timeframe under the terms and conditions of the single-page TPS® Evaluation Agreement.

OPERATING ENVIRONMENT

Operating System:

- IBM® AIX® for IBM® pSeries (32 / 64-bit)
- Linux® for IBM® pSeries (64-bit), Intel®/AMD®(32-bit), Intel® Itanium (64-bit)
- HP-UX™ for HP9000 (32-bit / 64-bit)
- HP-UX™ for HP Integrity (64-bit)
- Sun Solaris® for Sparc (32-bit / 64-bit)
- SCO® OpenServer5™

Other Requirements:

- A TCP/IP connection to a TN3270 Client
- A SNA connection to a host / mainframe system