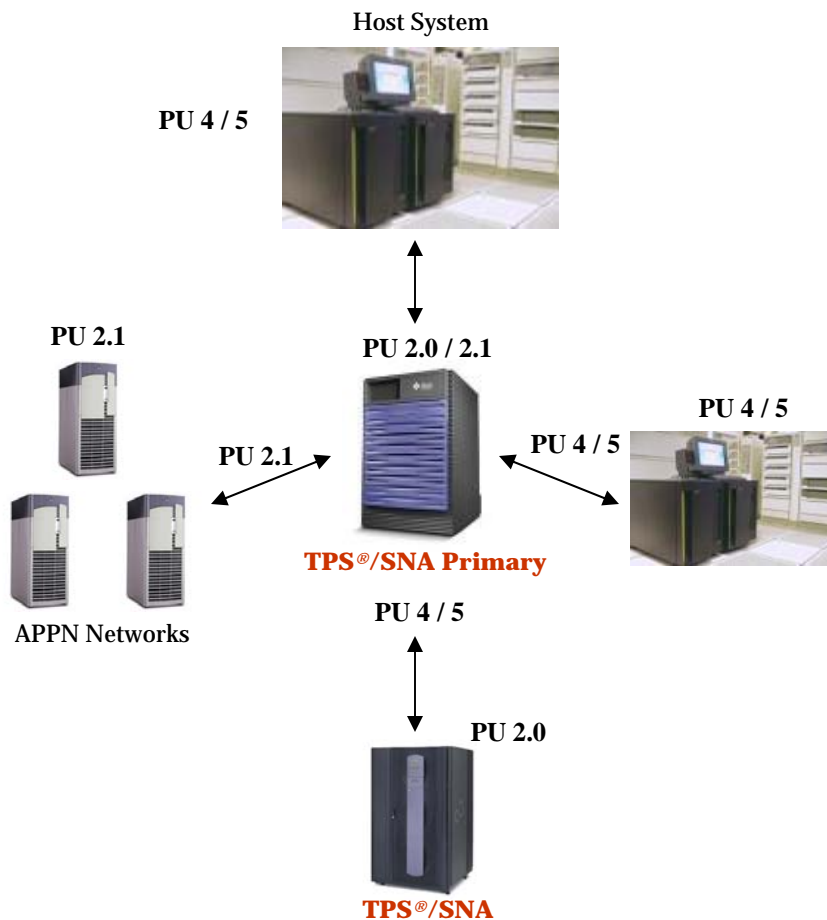


**TPS®/SNA Primary** and **TPS®/SNA** ( Systems Network Architecture ) combine to create a “Virtual SNA Mainframe” software environment on a UNIX® System. **TPS®/SNA Primary** enhances the flexibility of **TPS®/SNA** by enabling a single UNIX-based system to support upstream host PU type 4/5 connections to any downstream PU type 2.0 system ( such as a 3270 device ) or to a host PU4/5 system using Cross Domain support. Standard SNA software implementations in the UNIX environment, including **TPS®/SNA**, supports traditional PU type 2.0/2.1 connections to host PU type 4/5 systems and PU type 2.1 connections to peer-to-peer networks ( APPN ). **TPS®/SNA Primary** offers dependent LU support for LU type 0, 1, 2, 3, 4, and 7. Data link or connection types supported include: SDLC, Token Ring, Ethernet, and Data Link Switching - DLSw ( Switch-to-Switch Protocol ).



## HIGHLIGHTS

- ✓ Robust SNA functionality for high-end SNA environments
- ✓ Upstream host PU type 4/5 connectivity to downstream PU2.0 devices ( such as 3270 )
- ✓ Upstream host PU type 4/5 connectivity to other PU4/5 host systems using Cross Domain support
- ✓ Executes with **TPS®/SNA** - providing PU2.0/2.1 connectivity to upstream host systems and APPN networks
- ✓ High performance solution with low resource utilization
- ✓ Interfaces with EHLLAPI of LU2 -type API
- ✓ Advanced diagnostic tools for problem determination
- ✓ Very easy installation and configuration
- ✓ Creates a “Virtual SNA Mainframe” environment on a UNIX® system
- ✓ From **TPS® Systems** — with 25+ year tradition of excellence in providing network software and support for large global enterprises

## PRODUCT POSITIONING

TPS®/SNA Primary provides the basis for an easy migration from host environments to UNIX®. It is an ideal solution when organizations are:

- Rehosting - moving mainframe applications to (Batch and CICS) a UNIX® environment
- Needing to preserve their investment in existing PU2.0 (3270) devices
- ATMs utilizing **TPS®/PCA**
- Providing PU4/5 support for customers dialing in from downstream PU2.0/2.1 connections or PU4/5 host systems requiring Cross Domain support

**TPS®/SNA Primary can be used with **TPS®/SNA** to simulate a ‘Virtual SNA Mainframe’. Ideal for company looking to replace their mainframe or write customized applications. With **TPS®/SNA API** support, **TPS®/SNA** is an excellent fit for developing SNA applications.**

### *Data-Link Protocol Support*

TPS<sup>®</sup>/SNA Primary with TPS<sup>®</sup>/SNA supports many data link types:

- Synchronous Data Link Control ( SDLC )
  - Leased or switched connections
  - RS-232, RS-422, V.35, V.25, and SmartModem
- Token Ring
  - IEEE 802.2 LLC
  - IEEE 802.5
  - Multiple connections per Token Ring supported
- Ethernet
  - IEEE 802.2 LLC
  - IEEE 802.3 Ethernet or Standard Ethernet
  - Multiple connections per Ethernet supported
- DLSw connection (SSP)
  - Uses TCP/IP connection
  - PU connection to DLSw router using SSP

### *SNA PU Protocols*

- PU type 4 / 5 support
  - Connection to other PU 4/5 host systems using Cross Domain support
  - Connection to downstream PU type 2.0 systems

### *SNA LU Protocols*

- Dependent LU support for LUs 0, 1, 2, 3, 4, and 7

### *Management Systems*

TPS<sup>®</sup>/SNA Primary is designed for straightforward central site installation/deployment and efficient ongoing manageability. A Management Subsystem provides:

- Installation using the operating system's standard facilities
- Quick and easy configuration
- Full SNA and PU status display
- Error logs
- Complete trace facilities including fully formatted output

### *Additional Features*

- LU prioritization by address or COS
- Multiple PUs on Token Ring or Ethernet
- LU Gateway/Pass thru feature

### *Network Availability & Resiliency*

TPS<sup>®</sup>/SNA Primary provides automatic link restart and standard link error recovery procedures to support mission-critical networks.



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### EVALUATION LICENSES

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

### OPERATING ENVIRONMENT

#### Operating System:

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

#### Other Requirements:

- A supported communications adapter driver
- [TPS<sup>®</sup>/SNA](#)