

TPS®/RJE (SNA) is a full-featured Remote Job Entry (RJE) implementation that emulates an IBM® 3777 model 4 card punch / reader, providing high-speed, high-volume data transfer between a mainframe / host system and a downstream UNIX® system. TPS®/RJE emulates several IBM® 3777 model 4 workstation devices including card punch, card reader, and console.

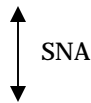
TPS®/RJE (SNA) functionality includes the ability to download data, submit data and enter RJE console commands. Mainframe / host data, downloaded from the RJE subsystem (i.e.; JES, JES2, JES3, POWER/VSE, RSCS, and SUPERTRACS™), can be directed to any standard printer connected to a UNIX® system via any standard print command, directed elsewhere, such as scripts, or stored in pre-specified directories for later use. Files can also be submitted to the mainframe / host system and RJE operators can use the RJE to issue console commands. Similar functionality is provided over TCP/IP by [TPS®/JES Services](#).

TPS®/RJE (SNA) communicates with RJE subsystems on the mainframe / host system such as JES, JES2, JES3, POWER/VSE, RSCS or SUPERTRACS™, running under MVS™ or DOS/VSE™. TPS®/RJE (SNA) utilizes SNA functionality of either [TPS®/SNA](#) or various IBM® SNA products.

Mainframe / Host System



JES, JES2, JES3
POWER/VSE
SUPERTRACS™



UNIX System



TPS®/RJE
TPS®/SNA

HIGHLIGHTS

- ✔ Allows a UNIX® system to emulate an IBM® 3777 model 4 workstation (card punch, card reader, and console)
- ✔ Supports JES, JES2, JES3, POWER/VSE, RSCS and SUPERTRACS™
- ✔ Utilizes the SNA functionality of either [TPS®/SNA](#), IBM® Communications Manager for AIX®, IBM® SNA Services/6000, AIX® SNA Server/6000
- ✔ Added features for data transfer including compression and compaction
- ✔ Menu driven configuration for RJE (Remote Job Entry) operations
- ✔ Very easy installation and configuration
- ✔ From [TPS® Systems](#) — with 25+ year tradition of excellence in providing network software and support for large global enterprises

PRODUCT POSITIONING

TPS®/RJE (SNA) is an excellent solution when RJE functionality is required on distributed UNIX® platforms. It protects legacy RJE investments while substantially improving RJE usability.

Clients are also using TPS®/RJE (SNA) as a cost-effective high-speed file transfer mechanism between systems in SNA dominated WANs.

Do you need an SNA solution to use with TPS®/RJE? TPS® Systems provides a full-featured SNA product. Check out [TPS®/SNA](#) .

FEATURES

- Utilizes TPS®/SNA or IBM® Communications Manager for AIX®, IBM® SNA Services/6000, or AIX® SNA Server/6000 for the host connection. All host connections supported by SNA can be used by TPS®/RJE
- Emulates an operator's console and up to seven card readers, card punches, printers, or other exchange devices
- Provides up to six concurrent LU sessions
- Capable of operation in a background session
- Provides full-featured menus for all RJE operations
- Interactive monitoring of LU and output device status
- Flexible device configuration via setup profiles
- Indicates reception activity. Incoming files are shown at 0 length in the target directory when reception begins. When reception is complete, the directory then shows the received file's actual size
- Provides automatic session logon for the LUs by specifying a logon string to be sent to the SSCP upon SSCP-LU activation
- Provides command support for displaying the status of connections, devices, jobs, and deleting or aborting active jobs
- Supports transparent input and output data
- Provides ASCII to EBCDIC and EBCDIC to ASCII translation
- Supports compression and compaction
- Supports the SNA Character Strings (SCS) NL, FF, BS, CR, LF, SHF, SVF, HT, VT, VCS, BEL, NUL, TRN, and IRS
- Supports FMH set 1
- Supports FM profile 3 and TS profile 3

Operator Control Functions

TPS®/RJE (SNA) allows RJE operators to send and receive messages through a console emulation facility – so operators can enter SSCP requests (such as logon and logoff) and application requests (such as JES, JES2, JES3, SUPERTRACS™ or POWER commands).

TPS®/RJE (SNA) also provides control functions allowing operators to:

- Delete a job from the host job queue
- Cancel the activity of a specified output device which is receiving a job for the host
- Change the routing for a specified output device, and thus reroute a job to be received from the host
- Reset the connection to the host
- Change the virtual page format for data which is to be received from the host
- Turn logging on and off dynamically

RELATED PRODUCTS

TPS®/SNA: Full-function SNA subsystems for popular UNIX® platforms

TPS®/JES Services: Provides RJE functionality over TCP/IP

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 / 64-bit)
- HP-UX™ for HP Integrity (64-bit)
- Sun Solaris® for Sparc (32 / 64-bit)

Other Requirements:

- TPS®/SNA for any of the above UNIX® environments. Alternatively, for AIX® only, IBM® Communications Manager for AIX®, IBM® SNA Services/6000, AIX® SNA Server/6000
- A supported device driver for the chosen WAN communications adapter



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