

Product Brief

TPX[®] Session Management for z/OS

Key Benefits

- Securely grants authenticated access to dynamically built application menus.
- Supports multiple departmentalized requirements through customization for different users.
- Delivers enhanced performance and usability through data compression, simplified administration, and single point of control, enabling commands and responses to be passed between instances.

Key Features

- Multi-factor advanced authentication provides an additional level of security by using a combination of variables, including but not limited to a user ID, passcode, password, or RSA token.
- Robust administrative environment facilitates the maintenance of the enterprise-wide session management, associated applications, and user definitions.
- Terminal configuration and flexibility enable improved user experience and productivity. Ease of navigation gained through capabilities such as adjustable screen size and selectable parameters.
- Support of VTAM generic resources helps balance network and session loads, minimizing the risk of an unforeseen outage.
- An advanced scripting language can imitate repetitive keystroke sequences for automating logons and logoffs.

At a Glance

TPX[®] Session Management for z/OS (TPX) is a VTAM-based menu driven system that provides secure, authenticated access to multiple applications on the mainframe simultaneously, with the ability to swap between them without degrading productivity.

Business Challenges

Multitasking has become a way of life in the business world, making it imperative that users can swap between and among multiple online transaction programs and business applications to accomplish their goals. With TPX, authenticated users can easily activate sessions with several applications that can help them perform business functions, such as data entry, data analysis, validating customer information, producing reports, or even printing checks—achieving unprecedented output and agility through a customizable (by department, if applicable), secure and stable user interface.

Solution Overview

TPX acts as the broker between users and their VTAM applications. By providing a single network connection, multiple concurrent sessions can be established for applications access. TPX has the tools essential for flexible and scalable administration, authentication, multitasking, session switching, connectivity, system management, and communication. The solution provides:

- Enhanced security against unauthorized access through a password passphrase.
- Scalability to meet the ever-growing stable of additional users, organizations, and applications.
- General administration to govern the operation of a given environment.
- Batch administration to effectively perform large volume updates.
- Ability for users to continue their work and maintain productivity levels by keeping the generic resource active even if the coupling facility encounters an issue.
- Safeguards to protect the integrity of VSAM files.
- Flexibility in the creation of static or dynamic user IDs.
- Customizable sign-on menu to meet organizational uniqueness.

Critical Differentiators

Chorus Software Manager automates the installation, configuration and deployment of TPX, eliminating the complexities of other methodologies.

The software provides proactive alerts to:

- Eliminate outages due to configuration errors
- Identify features that should be activated to recognize maximum benefit
- Detect settings that should be utilized for optimization

Related Products

Security Products: TPX can interface with most security products to authenticate user credentials and profiles for application access privileges.

For more information, please visit www.broadcom.com/products/mainframe/product-portfolio/tpx-session-management-for-zos.

Figure 1: Design one to many sign-on menus to meet organizational uniqueness.

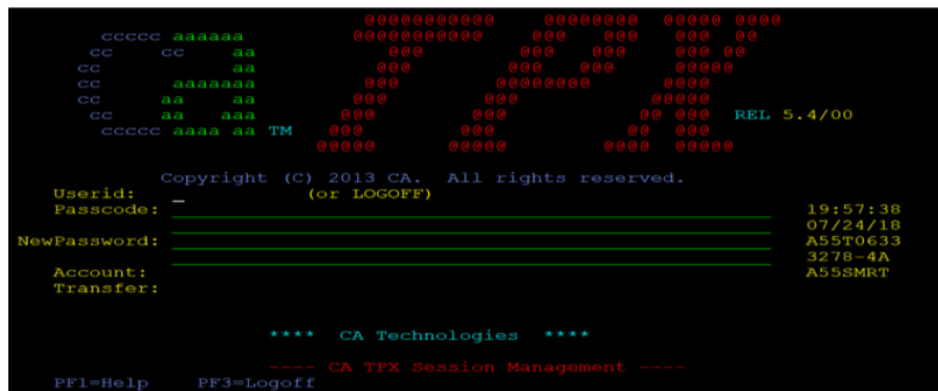


Figure 2: Tiered menus can increase user productivity, speed up menu familiarity and simplify training.

Sessid	Sesskey	Session Description	Status
_ TSO	PF	TSO Menu	
_ CICS	PF	CICS Menu	
_ SYSPROG	PF	System Programmer Menu	
_ TPXOPER	PF	TPX OPERATOR	
_ TPXVIEW	PF	TPX VIEW Application	
_ AUDIT	PF	Corporate Auditing	

Figure 3: Logically group applications; for example, TSO and CICS.

Sessid	Sesskey	Session Description	Status
_ TSO1	PF	TSO on System 1	
_ TSO2	PF	TSO on System 2	
_ TSO3	PF	TSO on System 3	
_ RETURN	PF	Return to Prior Menu	