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MAINFRAME SOFTWARE

Product Brief

Mainframe Extended Terminal Manager for IMS for z/OS

At a Glance

Mainframe Extended Terminal Manager for IMS for z/OS (Mainframe Extended Terminal Manager) allows dynamic creation of IMS terminals, printers, and LTERMS without time-consuming and error prone manual configuration with IMS Extended Terminal Option (ETO). With this product, there is also no need to write IMS user exits or incur an IMS outage.

Business Challenge

Your IMS systems provide critical business information and often require 100% availability. However, IMS device configuration and maintenance activities can require an outage for the changes to take effect. IMS systems and support staff typically have to perform time consuming manual configuration which involves managing descriptors and writing user exits to add dynamic terminals or make modifications to dynamic terminals.

IMS Extended Terminal Option (ETO) gives users the ability to create dynamic terminals, printers, and LTERMS without the need to define them during system definition; however, this process can be time consuming and error prone. Also, the IMS system and support staff may need to perform additional configuration on ETO default dynamic terminals or create user exit routines to meet specific needs.

Solution Overview

Mainframe Extended Terminal Manager can add or modify devices without interrupting IMS access, and eliminate the need for ETO exits. It provides the extended functionality that is not available in native IMS ETO to enhance and automate dynamic terminal configuration and processes and eliminate the need for IMS SYSGENs and possible outages required by user exit routines.

Critical Differentiators

Mainframe Extended Terminal Manager extends IMS ETO functions and offers a host of features that include the following critical capabilities:

• **Enhanced command security:** Mainframe Extended Terminal Manager improves the granularity of security checking by authorizing IMS commands at the command and keyword level, provides capabilities previously provided by IMS Security Maintenance Utility (SMU), and supports the IMS Build Security user exit (DFSBSEX0). DFSBSEX0 lets you define return codes for transactions and PSB and reject dynamic creation of specific LTERMs when mask names with wildcards are used in the LTERM NAMES table.

Critical Differentiators (cont.)

- **Advanced capabilities:** Extended features not available in native ETO:
  - Automatically sign on a terminal that logs on to IMS.
  - Use VTAM user data for sign on information.
  - Initiate a transaction in place of sending the sign on complete message.
  - Cleanup after logoff by deleting all queued messages and existing conversations for the terminal session.
  - Removes the need to write IMS NDM (non-discardable message) user exit, OTMA Destination Resolution (DRU) user exit, and the OTMA pre routing (PRU) exit.
- **Command Control Manager (CCM):** CCM helps you issue IMS commands in sets and across all the IMS systems in an IMSPlex.

Related Solutions

Mainframe Extended Terminal Manager is part of the Database Management Suite for IMS for z/OS from Broadcom. This solution provides comprehensive IMS database and transaction management capabilities.

For more information, please visit our site:
 broadcom.com/ims

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