

# CA Mainframe Configuration Manager for IMS for z/OS



## At a Glance

CA Mainframe Configuration Manager for IMS for z/OS (CA Mainframe Configuration Manager) helps organizations maintain access to business critical IMS data by updating resource definitions without requiring an outage.

### Key Benefits/Results

- **Meet SLAs.** Maintain access to business critical IMS data by updating resource definitions without requiring an outage.
- **Increase productivity.** Provides an easy process to maintain and update IMS SYSGEN source and perform IMS configuration maintenance activities.

### Key Features

- **Incremental online change management process.** Control when updates take place and provide for separation of duties. Enter requirements into a resource update list, defining specifically what resources and resource attributes should be changed. Another user can install the resource update list on the target IMS system(s). Create multiple lists and install them individually to perform incremental changes.
- **Maintaining SYSGEN source.** Create IMS stage 1 SYSGEN source from the active MODBLKS and RESLIB data sets or from the in-core control blocks of a running IMS system.
- **Auditing and security.** A history log for each IMS system is maintained. These logs track all resource and virtual storage changes and IMS commands, and you can use these logs for auditing purposes and backing out changes.

## Business Challenges

Your IMS systems provide critical business information and often require 100% availability. With IMS V10, Dynamic Resource Definition was introduced giving users the ability to issue a command to update IMS application resource definitions; however, this facility does not provide many of the capabilities IMS systems programmers and database administrators (DBAs) need to properly manage their IMS environment.

IMS systems programmers and DBAs typically have to perform IMS SYSGENS to update IMS application resources and restart IMS to activate the changes. However, these IMS configuration maintenance activities require an outage for the changes to take effect.

## Solution Overview

CA Mainframe Configuration Manager manages your IMS system and provides a familiar infrastructure for the input specification, process verification, and implementation with appropriate auditing capabilities. You can dynamically update IMS database, application, transaction, and route codes without restarting your IMS system.

Most functions are accessed through the ISPF interface. This interface can issue type 1 IMS commands and view and change the database, program, transaction, or route code definitions. You can view resource information from the active MODBLKS data set or from the in-core control blocks. You can list all active DEDB randomizers and all DEDB databases using the randomizer and reload an updated randomizer.

CA Mainframe Configuration Manager has adopted key features of CA Chorus™ Software Manager (CA CSM) that are designed to simplify your use of CA Mainframe Configuration Manager and help enable your staff to install, deploy and maintain it more effectively and quickly.

## Critical Differentiators

CA Mainframe Configuration Manager includes capabilities that help you perform complex tasks easily, increase the speed and integrity of configuration management and provide additional system maintenance functionality.

- **Assign IMS systems to groups.** After you create a group, you can verify and install resource update lists concurrently to every IMS system in the group. If CA Mainframe Configuration Manager cannot install the update list on all IMS systems in a group, it does not install the list on any of them. This feature is useful in SYSPLEX environments because it keeps resource definitions in sync across IMS systems.
- **Reload ACBLIB members.** Reload individual members without using the ACBLIB online change process. This method is faster than the IMS method.
- **Batch utilities.** In addition to the powerful capabilities provided by the ISPF interface, CA Mainframe Configuration Manager provides a number of batch utilities. These batch utilities let you schedule processing for execution at a later time and provide additional capabilities that cannot be executed online.
- **Command control manager.** This common component helps you issue IMS commands in sets and across all the IMS systems in an IMSplex.

## Related Products/Solutions

This product is one member of the CA Database Management Solutions for IMS for z/OS that provide comprehensive support for IMS database and transaction management.

For more information, please visit [ca.com/ims](http://ca.com/ims)

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate – across mobile, private and public cloud, distributed and mainframe environments. Learn more at [ca.com](http://ca.com).