

## PRODUCT SHEET

CA MICS Resource Management

# CA MICS® Resource Management r12.6



CA MICS® Resource Management (CA MICS) is a comprehensive IT resource utilization management system designed to fulfill the information needs of today's enterprise IT infrastructure providers. Your IT personnel can trust CA MICS to help satisfy their financial, storage, capacity planning and system performance management challenges

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## Overview

The task of managing resource utilization encompasses the entire IT enterprise, which means you must capture and analyze huge volumes of data from disparate platforms. Capacity planners and performance analysts can easily be overburdened with the challenge. The solution is CA MICS, an effective IT resource management tool that validates, consolidates, analyzes and manages the data from multiple sources, helping to free your technical staff to focus on solving problems and analyzing their systems.

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## Business value

IT organizations are required to deliver ever-increasing levels of system availability to support business demands and increasing numbers of end users, who place variable and increasing demands on IT resources. Capacity planning helps you ensure that you have the resources you need, when you need them. Performance problems and availability issues can result in lost customers, fines and penalties; capacity constraints can have devastating impacts on your business. In the fast-paced business world, having actionable information at your fingertips is critical to your success. CA MICS manages, transforms and presents data to help satisfy the myriad needs of your organization.

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## Features

### Mainframe 2.0

CA MICS has adopted key Mainframe 2.0 features that are designed to simplify your use of CA MICS and enable your staff to install, configure, and maintain it more effectively and quickly.

- **Electronic Software Delivery (ESD):** Mainframe 2.0 ESD enables you to install CA MICS using standard utilities—without requiring you to reconstitute a tape cartridge. This new procedure helps speed installation and facilitates a consistent install process across mainframe products from CA Technologies, shortening the learning curve for your mainframe staff.
- **Interoperability certification:** CA MICS has been tested in an environment with many other products from CA Technologies as part of a dedicated effort to find and resolve interoperability problems prior to release.
- **Best Practices guide:** This guide provides information on CA MICS installation, initial configuration and deployment to help shorten the learning curve for staff who are responsible for the installation and management of this product.

### What's new in CA MICS r12.5

CA MICS has been enhanced to address customer requests and to support IBM software and hardware releases.

- Support for IBM's TS7700 Hydra VTS technology—expands the capabilities of the MICS Tape Analyzer Option to include the latest in VTS hardware
- z/OS 1.11 support
- SAS 9.2 support
- CICS Transaction Gateway (CTG) support in CA MICS® Resource Management Analyzer Option for CICS
- Enhanced product administrator utility:
  - Identify elements and files that are candidates for removal
- Data Integration Option support for new releases:
  - CA MICS® Analyzer Option for IMS – IMS 11 support
  - CA MICS® Tandem Option – Itanium support
  - CA MICS® Analyzer Option for MQSeries – MQ Series 7.0.1 support

## Key capabilities

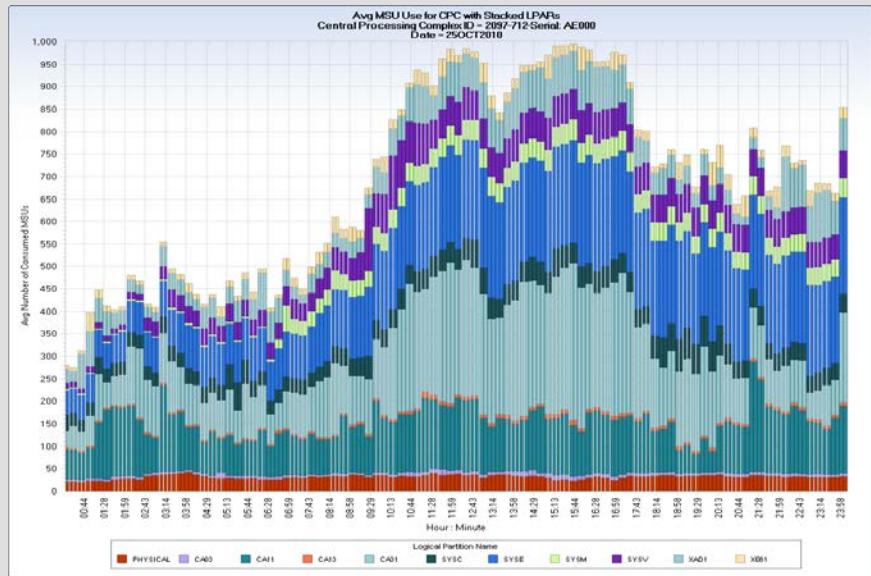
CA MICS RM provides:

- CA MICS database, an integrated data source for capacity planning, performance analysis, and cost allocation scenarios
- Data integration analyzers for CICS, IMS, DB2, tape, CA IDMS™, Measureware, MQSeries, network, space, system reliability, VAX/VMS, VM/CMS, VSE/Power, and WebSphere are provided as options, with new analyzers created as needed. The new tape option supports both tape library and virtual tape systems. The Batch and Operations, Hardware and System Control Program, and TSO analyzers are provided with the base product.
- Management support applications, which use the CA MICS data to provide decision support to many functional areas:
  - CA MICS® Resource Management Accounting and Chargeback Option
  - CA MICS® Resource Management Capacity Planner Option
  - CA MICS® Resource Management Performance Manager Option
  - CA MICS® Resource Management StorageMate Option
- CA MICS Information Center Facility (MICF), a 3270-based data manipulation tool
- CA MICS® Resource Management Q&R Workstation, a workstation-based, ad hoc query, reporting, graphing, and analysis tool
- Comprehensive and scalable solutions to process large quantities of raw data with minimized resource demand
- Automatic summarization that provides data at various levels of granularity, supporting all your reporting needs
- Flexible installation and tailoring to match your processing and business needs
- Archive facilities that automate data management
- CA MICS Reference Library, an online reference that includes product documentation and resource management analysis methodology techniques, which may be viewed through a Web browser

**FIGURE A.**

Daily processor utilization stacked by LPAR

Q&R reporting makes visualization easy and powerful



### What's new in r12.6

CA MICS has been enhanced to address customer requests and to support IBM software and hardware releases.

- z/OS 1.12 and zEnterprise support
- Windows 7 support for Q&R Reporting
- Reporting enhancements including new charting capabilities and enhanced Q&R out-of-the-box reports designed to simplify the reporting function
- Improved IBM WebSphere for MQ capabilities with a new channel activity file
- Support for Crypto Express3 and AES Services
- New VM Channel Path measurements file
- Support for transaction level statistics for IMS to give better granularity for elapsed and CPU time measurements.
- Support for the use of PDSEs for CA MICS install and PSP files
- New elapsed time data elements from BMC MAINVIEW for IMS

- New transaction performance TA dispatch element from ASG-TMON for CICS TS for z/OS
- Data Integration Option support for new releases:
- CA MICS® Analyzer Option for CICS–CICS CTG 4.1 support
- CA MICS® Analyzer Option for DB2–DB2 v10 support

### Comprehensive information store

CA MICS is designed to collect and transform all of your infrastructure performance and capacity data, creating a robust capacity database to help you address performance, capacity and financial management challenges. Raw data becomes actionable information, supplying both technical and business units with the metrics they need to utilize IT resources more efficiently and effectively.

### Doing more with less

Customers are faced with this challenge every day; it means managing increasing business volumes and functions with fewer IT staff and the hardware and software you already have. CA MICS makes it possible to work smarter, not harder, by exploiting automation and providing analysis tools and customized reporting to present the information you need to make critical business decisions and manage your dynamic IT environment. The discipline of resource management supports such ITIL® management process as capacity management, financial management, service level management, availability management and more.

As companies extend their reach to their customers via the web, performance management becomes a critical component. Applications must not just be available. they must also be highly responsive. To understand historical trends, manage present day performance and plan for future demands, a robust resource management database is essential—CA MICS is that database, but it is more. CA MICS provides both the data AND the tools to perform the wide range of tasks and processes as indicated above.

With enterprises under continuous pressure to control costs and improve profitability, capacity upgrades must be defensible; having immediate access to the right information is critical for preparing an accurate capacity plan and establishing cost justification.

Mapping business processes to IT services and resources enables more accurate capacity planning and performance management. You need easy access to historical data to characterize workloads, spot trends and forecast growth—as well as to understand and resolve performance problems.

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## Delivery approach

CA Services provides a portfolio of mainframe services delivered through CA Technologies internal staff and a network of established partners chosen to help you achieve a successful deployment and get the desired business results as quickly as possible. Our standard service offerings are designed to speed deployment and accelerate the learning curve for your staff. CA Technologies field-proven mainframe best practices and training help you lower risk, improve use/adoption and ultimately align the product configuration to your business requirements.

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## Benefits

CA MICS provides the information required by capacity planners, performance managers, and financial administrators. It is a comprehensive, flexible tool that enables users to apply standard management practices to IT resource management. Timely, structured, consistent information from CA MICS supports analysis and management of such factors as cost, resource utilization, operational readiness, and service-level compliance.

CA MICS helps improve operational and capacity management, planning, cost management, responsiveness, decision-making, and credibility. With its advanced data querying and Web reporting facilities, CA MICS provides answers to ad hoc queries, and delivers the timely and regular reporting needed by IT's customers. You can now quickly and easily analyze the key performance metrics of your underlying technology infrastructure and demonstrate the effectiveness of IT.

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## The CA Technologies advantage

CA Technologies has 30 years of recognized expertise in robust, reliable, scalable, and secure enterprise-class IT management software. CA MICS is a key component of the Mainframe 2.0 initiative from CA Technologies to change the way the mainframe is managed forever by helping you maximize the value of our mainframe products and by providing a simplified experience and innovative solutions that deliver value quickly and flexibly.