

# CA Mainframe Application Tuner



## At a Glance

CA Mainframe Application Tuner is designed to enable performance management teams to more quickly, easily and proactively identify the root causes of application performance inefficiencies in z/OS based systems to improve response times and lower CPU consumption.

### Key Benefits/Results

- **Easy access to detailed performance data.** More quickly fix performance issues and meet service level agreements (SLAs).
- **Automated discovery of tuning opportunities.** Help improve customer service and reduce resource costs.
- **Cross-enterprise application performance management.** Determine the root cause of performance issues.

### Key Features

- **New graphical user interface (GUI) based on Eclipse.** This GUI helps a new generation of performance specialists to diagnose and fix performance issues in your environment and provides a modern interface for the more experienced mainframe generation.
- **Monitor management features.** Monitor definitions can be stored and saved for later use, grouped together to execute at the same time for different address spaces within the sysplex and scheduled for automatic invocation.
- **Easy analysis.** CA Mainframe Application Tuner enables you to group related modules for faster, easier analysis.
- **Detailed analysis of online transactions.** An analyst can review online performance at the transaction level by selecting transactions by transaction ID, user ID, terminal ID or a combination of IDs.

## Business Challenges

In today's enterprise IT organizations, z/OS applications are often mission critical and in-depth z/OS application performance analysis is required to help keep these applications performing optimally. The increasing importance of Web services and web-based applications places greater demands on z/OS resources and skilled technicians. IT executives face the conflicting goals of reducing IT processing costs while at the same time improving quality and customer satisfaction—with fewer skilled staff and constant budget cuts. Their teams struggle to quickly identify and resolve performance problems and seek help in avoiding performance problems before they occur.

## Solution Overview

CA Mainframe Application Tuner provides advanced, proactive performance analysis and tuning that helps optimize enterprise application performance across z/OS applications. This capability helps you improve customer service, meet service level agreements (SLAs) and maintain a competitive edge by saving operational costs in deferred hardware and software purchases.

CA Mainframe Application Tuner monitors application programs to pinpoint delays. It observes and samples program activity, showing you the application's view of performance. CA Mainframe Application Tuner presents detailed application-specific delay information, allowing you to improve the performance of your applications.

From a single program-monitoring session, CA Mainframe Application Tuner can answer questions for the application programmer, systems programmer, and database administrator. This capability saves time and reduces machine resources that are used in resolving program bottlenecks or delays.

## Critical Differentiators

### One product to meet your needs.

CA Mainframe Application Tuner has combined the technology formerly offered by CA Technologies as TRILOGexpert TriTune with the proactive performance management capabilities formerly offered by CA Technologies as TRILOGexpert APC for TriTune. The proactive capabilities are incorporated in Performance Management Assistant (PMA), which is now included in this single product.

### Integration with the CA Application Quality and Testing Tools, CA Endeavor® Software Change Manager. (CA Endeavor SCM) and CA SYSVIEW® Performance Management (CA SYSVIEW).

Integration with the CA Application Quality and Testing Tools enables you to maintain a single symbolic listing repository for these products, which helps staff know they are working with the right version of the application. In addition, CA Mainframe Application Tuner provides automatic retrieval and registration of CA Endeavor SCM-based listings using dynamic symbolic support, eliminating the manual steps associated with registering program listings. Integration with CA SYSVIEW enables CA SYSVIEW to automatically initiate CA Mainframe Application Tuner measurements when it detects an application performance problem, thus giving the analyst the detailed information needed to resolve the issue.

The new CA Mainframe Application Tuner graphical user interface offers a modern way for users to view and analyze performance metrics.

Module	Csect	Description	I	C	X	Active %	Wait %	Total %	Overlap %
MATCHB190	MATCHB190		A	Y		41.16	58.98	99.14	0.00
.PROCCLY	.PROCCLY	Delayed for proce...	B	Y		0.00	0.13	0.13	0.00
IG0019AA	IG0019AA	QSM simple get l...	B	Y		0.01	0.04	0.05	0.00
.NUCLEUS	CSRCHPSS	Integrated crypt...	B	Y		0.01	0.01	0.02	0.00
IGZEQBL	IGZEQBL	Coblib QSAM initi...	B			0.00	0.00	0.00	0.00
CEEINIT	.DISPWT	Batch initializat...	Y			0.01	0.00	0.01	0.00
CEEINIT	.DISPWT	Waiting for the CPU	B			0.00	0.00	0.00	0.00
IG0019AQ	IG0019AQ	QSAM get next buffer	B			0.00	0.00	0.00	0.00

## Related Products/Solutions

### CA SYSVIEW® Performance Management

for real-time visibility and optimal resource utilization for performance management.

**CA Endeavor® SCM** automates software change management across mainframe environment.

**CA InterTest™ Batch and CA InterTest™ for CICS** provide application debugging.

**CA SymDump® Batch, CA SymDump® for CICS, CA SymDump® System** provide application fault management.

**CA File Master™ Plus, CA File Master™ Plus for IMS, CA RC/Update for DB2 for z/OS** provide file and data manipulation tools.

**CA Verify® for CICS, CA Verify® for VTAM** for automated regression testing tools.

## Supported Environments

- IBM DB2 for z/OS DDF and stored procedures
- IBM IMS for z/OS
- IBM Websphere Application Server for z/OS
- IBM Websphere MQ
- IBM CICS Transaction Server
- IBM REXX
- IBM Enterprise COBOL
- IBM Enterprise PL/I
- NATURAL
- FORTRAN
- C/C++
- Assembler
- JVM
- Adabas
- CA Datacom®/DB
- CA IDMS™/DB
- CA Optimizer®/II
- CA Ideal™
- Unix Systems Services (USS)
- CA Top Secret®
- CA ACF2™
- IBM RACF

For more information, please visit [ca.com/mainframe-testing-tools](http://ca.com/mainframe-testing-tools)

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