asg technologies®

PERFORMANCE MANAGEMENT AND AVAILABILITY SOLUTIONS OVERVIEW

Featuring: ASG-TMON® Product Family

ASG PERFORMANCE MANAGEMENT AND AVAILABILITY FEATURING THE ASG-TMON® FAMILY

ASG's Performance Management and Availability solutions help you realize the true potential of the IT systems that power your enterprise. Now you can effectively monitor and manage your computing environment, from the supporting systems, applications, components, and platforms to the actual end-user experience. ASG's solutions deliver everything you need to maximize IT management, performance, and availability with the fastest time-to-implementation and lowest total cost of ownership (TCO).

The ASG-TMON® family of products for the IBM z Systems platform provides comprehensive solutions that monitor and manage the health, availability, and performance of the system and subsystem resources that power your critical business value streams across the z/OS enterprise. ASG accomplishes this by uniquely combining all ASG-TMON® products into a highly integrated set of performance monitors. In addition, ASG-TMON® ensures that your operating systems, middleware, databases, and network components operate efficiently and effectively.

ASG-TMON® Performance Monitors provides the following comprehensive performance management capabilities:

- Real-time monitoring across your enterprise
- Drill-down abilities within each environment
- Seamless shifting between environments
- Environment-specific utilities
- Comprehensive analysis and reporting
- Dashboards that provide application status at a glance
- Proactive measures to prevent application degradation and outages
  - Dynamic problem identification and tracking
  - Manual problem tracking to ID root causes
  - Automatic alerts to key personnel
  - Externalize KPI data via API's and utilities for use in 3rd party applications
  - Integrated monitoring and capacity management solutions

ASG-TMON® allows you to manage your environments where and how you see fit. Maximize your IT systems via easy-to-use software solutions and effective customer service, ensuring complete end-to-end coverage of performance and infrastructure. ASG-TMON® offers the industry's fastest time-to-implementation, lowest total cost of ownership, and truly flexible licensing terms. ASG-TMON® provides everything your business needs to effectively, efficiently, and successfully manage your business and customer expectations.

Effectively monitor and manage your computing environment, from the supporting systems, applications, components, and platforms to the actual end user experience.

OPERATING SYSTEM PERFORMANCE MANAGEMENT

ASG's Operating Systems Management solutions provide dynamic monitoring for every area of IBM operating systems across your entire z/OS enterprise. Our solution provides real-time alerts and performance information on critical software and hardware resources to help ensure that your systems are running at peak performance and meeting the needs of your business and users. Short-and longterm online data for "after-the-fact" analysis of resource usage trends, service levels, I/O contention, job delays, exceptions, and other performance-related data is also provided for z/OS and non mainframe operating systems and VM's.

SOLUTION COMPONENTS

- **ASG-TMON® for z/OS:** for detailed monitoring of IBM's z/OS operating system
- **ASG-NaviPlex®:** for z/OS enterprise performance management
- **ASG-TMON® PA for z/OS:** for a complete view into the performance of your mainframes, their peripherals and the level of resources being used

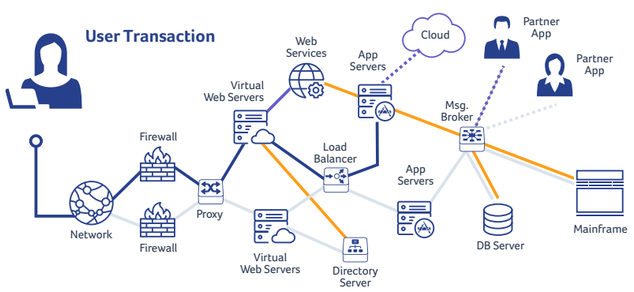
ASG also has non z Systems platform solutions for managing performance and capacity planning:

- **ASG-TMON® PA for Linux:** for visibility and insight to avoid problems, reduce costs, and do more with less
- **ASG-TMON® PA for UNIX:** for bringing clarity to the complexity of UNIX systems
- **ASG-TMON® PA for VMware:** for discovery, analysis, planning, consolidation, implementation, monitoring, and management of VMware environments
- **ASG-TMON® PA for Windows®:** for optimizing the performance of your Windows IT infrastructure

TRANSACTION SYSTEM PERFORMANCE MANAGEMENT

ASG offers a robust performance management solution that greatly improves overall application performance and availability by proactively managing all aspects of the supporting transaction systems. Whether your organization's critical business services rely on CICS TS®, DB2®, MQ®, IMS TM/DB®, or Java we can quickly isolate problems, alert staff, and provide the information necessary to successfully meet the dynamic demands of the dynamic application environment. ASG's integrated solution enables you to quickly pinpoint the root cause of problems stemming from CICS TS or related environments, including CICS Transaction Gateway on z/OS, DB2, WebSphere, MQ®, network interfaces, Java™ applications, IMS, and others.

ASG-TMON® PA for App Servers provides capacity planning, forecasting and trending for your Java Application Servers on any platform.



SOLUTION COMPONENTS

- **ASG-TMON® for CICS TS for z/OS:** for management of CICS Transaction Server performance
- **ASG-TMON® for IMS:** for complete IMS TM/DB management
- **ASG-TriTune Application Performance Management:** for detailed analysis of z/OS applications
- **ASG-TMON® PA for CICS Transaction Server (TS):** for analyzing key current and historical metrics of z/Architecture-based CICS systems
- **ASG-TMON® PA for App Servers:** IBM WebSphere Application Server (WAS), Oracle WebLogic, Apache Tomcat, JBoss and GlassFish...

DATABASE PERFORMANCE MANAGEMENT

ASG Database Performance Management Solutions proactively manage database performance and availability on z Systems and Distributed Platforms and provide the needed insight to quickly resolve complex issues, resulting in optimized end user response times and maximized application availability.

ASG's z/OS Platform integrated solution enables you to quickly pinpoint the root cause of problems stemming from DB2 or related environments such as IMS, CICS and MQ®. From the high-level DB2 subsystem details to the low-level performance impact of an SQL statement, ASG's solution provides the information necessary to improve business application availability, thus limiting costly performance degradation and downtime. ASG also provides performance management solutions for non z Systems database platforms.

ORACLE DATABASE · Microsoft SQL Server · SAP SYBASE · IBM DB2 · IMS

SOLUTION COMPONENTS

- **ASG-TMON® for DB2 + SQL Analyzer Feature:** for complete performance management of DB2
- **ASG-TMON® for IMS:** for complete IMS TM/DB management
- **ASG-NaviPlex:** for enterprise performance management
- **ASG-TriTune Application Performance Management:** for detailed analysis of COBOL, PL/I and Assembler applications
- **ASG-TMON® PA for DB2:** for insight into enterprise z/OS DB2 systems, combining robust management reporting, performance analysis, and capacity planning capabilities
- **ASG-TMON® PA for Oracle, Microsoft SQL Server and SAP Sybase ASE:** for current and historical performance information for accurate tuning, maintenance, and capacity analysis.

NETWORK AND END USER RESPONSE TIME MANAGEMENT

ASG has a suite of tools that are strategically engineered to control, monitor, manage, and enhance your network, as well as help you understand the response time being experienced by your end-users. Our tools provide you with full visibility into your network from 3270 displays and Web browsers, and ensure you understand when problems are impacting your end-users before they call the help desk. Monitoring facilities include a view of your entire network, along with full alerting and reporting capabilities. These solutions also enable you to fully instrument your company's applications, giving you the tools your company needs for complete and effective control over your systems and networks.

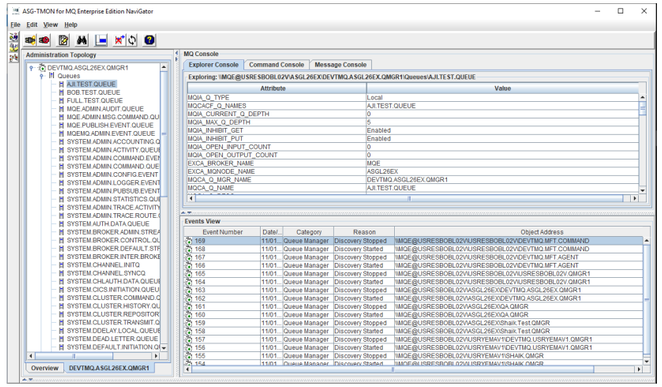
SOLUTION COMPONENTS

- **ASG-TMON® for TCP/IP:** for extensive management of z Systems platform TCP/IP network performance
- **ASG-TMON® for VTAM:** for complete performance management of IBM's VTAM on z/OS

MESSAGING AND MIDDLEWARE PERFORMANCE MANAGEMENT

The ASG MQ Solution Suite provides you with configuration management, queue administration, exception processing and performance monitoring for local and remote MQ environments. Now you can have the tools you need to manage IBM's MQ environment on z/OS and distributed platforms:

- Collects and analyzes MQ performance data
- Monitors all aspects of a MQ environment
- Prevents problems that threaten the availability and performance of MQ
- Identifies and displays problems in each monitored queue manager
- Ensures achievement of performance goals by monitoring each channel
- An integrated z/OS and distributed platform solution for a complete view



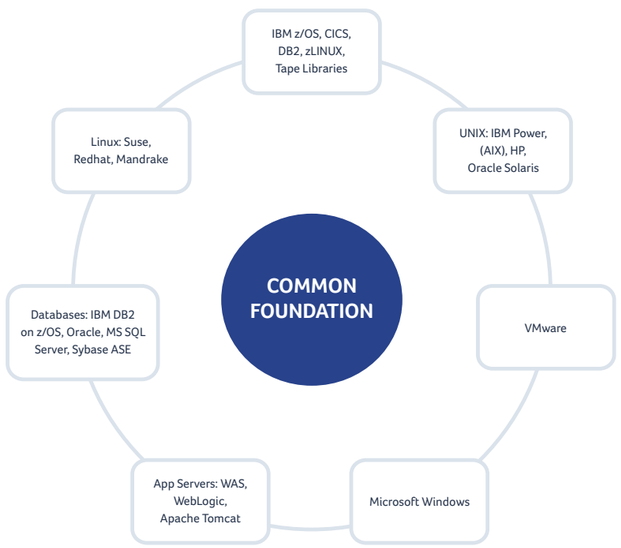
SOLUTION COMPONENTS

ASG-TMON® for MQ: is a component of the ASG-TMON suite of products for z/OS. ASG-TMON® for MQ is easy to use and understand, and allows MQ novices to quickly become experts. Features such as online historical and batch reporting, automatic dead letter queue processing, and color-coded exception alerting make it a powerful MQ management tool and an excellent complement to ASG-TMON® for MQ Enterprise Edition.

ASG-TMON® for MQ Enterprise Edition: is built on a multi-tiered architecture, which allows it to be as flexible as your distributed platform MQ environment. Utilizing Brokers, Agents, and Clients, ASG-TMON® for MQ Enterprise Edition manages outside of the MQ channels. This allows for recovery of MQ queue managers and associated objects and does not compete for bandwidth in the same MQ channel as your mission critical messages.

IT UTILIZATION COMPETENCY

ASG-TMON® Performance Analyzer (PA), provides automated Analysis, Reporting, Modeling and Capacity Planning. It allows IT professionals and executives to get immediate access to crucial information about IT resource utilization future capacity demand and service level impacts, using intelligent enterprise-wide business views. It provides superior automated analysis, reporting, trending forecasting and modeling that allow you to set realistic expectations, prevent unnecessary hardware purchases, maximize expensive resources, and communicate accurate and actionable information. These solutions span the wide array of IT environments providing a single point of control to manage Windows, UNIX, Linux, and z Systems environments - including the ability to manage, control, and effectively leverage expensive mainframe MIPS capacity. ASG-TMON PA is integrated with the ASG-TMON monitors on the z/OS platform to further simplify performance management.

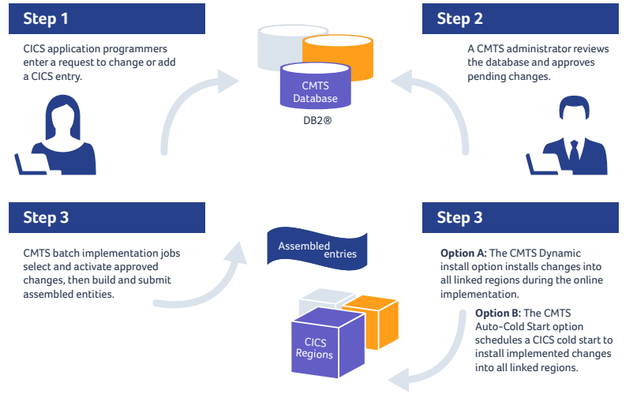


SOLUTION COMPONENTS

- **ASG-TMON® PA:** a next generation IT capacity planning, performance management and team collaboration solution
- **ASG-TMON® PA for Linux:** for visibility and insight to avoid problems, reduce costs and do more with less
- **ASG-TMON® PA for UNIX:** for bringing clarity to the complexity of UNIX systems
- **ASG-TMON® PA for VMware:** for discovery, analysis, planning, consolidation, implementation, monitoring, and management of VMware environments
- **ASG-TMON® PA for Windows:** for optimizing the performance of your Windows IT infrastructure
- **ASG-TMON® PA for z/OS, CICS TS, DB2, Tape Libraries:** for a complete view into the performance of your mainframes, their peripherals and the level of resources being used
- **ASG-TMON® PA for App Servers:** for analytis, planning and management of IBM WebSphere Application Server (WAS), Oracle WebLogic, Apache Tomcat, JBoss and GlassFish

CHANGE MANAGEMENT OF IBM CICS TRANSACTION SERVER SYSTEM DEFINITIONS

Designed specifically for applications and systems programmers, ASG-TMON Change Manager for CICS TS is a tool that enables users to easily make modifications to CICS System Definitions (CSD) and CICS Plex System Manager definitions across all CICS TS on IBM z/OS environments. These tools securely manage and automate CICS system changes and, by reducing errors and improving productivity, significantly enhance timely delivery to market. With centralized, streamlined, and automated processes, ASG-TMON® Change Manager for CICS TS ensures greater system quality, security, and productivity, while reducing human resource costs. Through improved change management, it can reduce CICS resource request time, provide secure management, provide an auditable history of changes, and eliminate assembly errors. In addition, ASG-TMON® Change Manager for CICS TS can automate the scheduling, deployment, and back out of changes.



SOLUTION COMPONENTS

- **ASG-TMON® Change Manager for CICS TS:** for Change Management of IBM CICS Transaction Server System Definitions

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ASG Technologies is a global software company providing the only integrated platform and flexible end to end solution for the information powered enterprise. ASG is the only solutions provider for both Information Management and IT Systems and has over 3,000 customers worldwide. To learn more visit www.asg.com.

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