ASG

SYSTEMS

ASG-ZENA™

CROSS-PLATFORM SCHEDULING AND WORKLOAD AUTOMATION
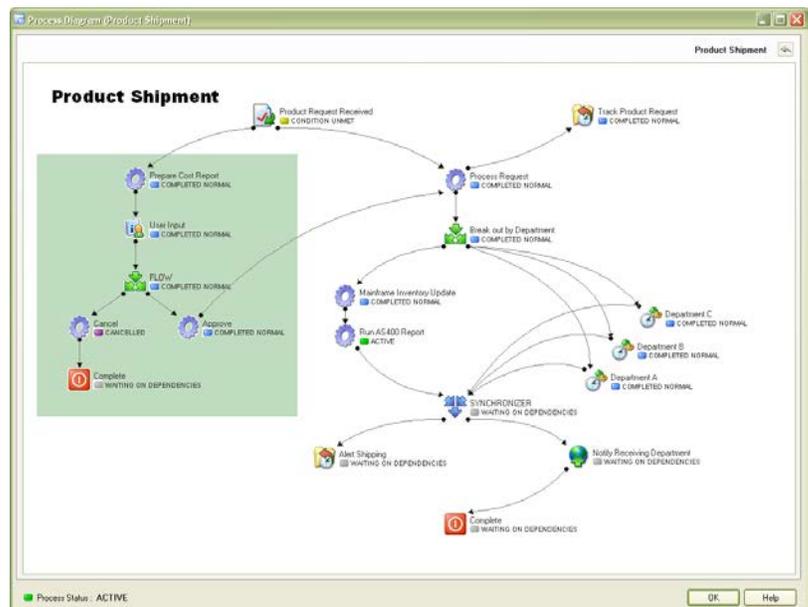
BENEFITS

- Facilitates end-to-end, integrated workload management across multiple operating environments
- Offers unmatched scalability and integration capabilities to execute hundreds of thousands of workloads
- Provides fault tolerance with active redundancy
- Provides VMWare interfaces for automated provisioning and management
- Extends centralized management to business application environments such as SAP, PeopleSoft, and Oracle
- Enables script-less integration and automation across multiple environments such as J2EE, .NET, Websphere, and Web services
- Offers a centralized console to manage multiple server environments
- Provides exception management with extensive alert and proactive component monitoring and notification capabilities
- Enhances flexibility with customizable views and reporting while automating corrective actions
- IT process automation capabilities enabled through extensive integration facilities and a robust graphical interface

OVERVIEW

Industry trends continue to show a shift from traditional job scheduling toward a more enterprise-wide workload automation strategy. Operations management and application development organizations must work together and deliver solutions for the real-time enterprise. The challenges include job scheduling, workload management, and seamless integration in both physical and virtual environments.

ROBUST SCHEDULING AND AUTOMATION FOR PHYSICAL AND VIRTUAL ENVIRONMENTS

ASG-Zena™, a robust, workload automation solution for multi-platform environments, supports event–based scheduling as well as traditional date-and time-based schedules. It provides exception-based management, a highly scalable architecture, fault-tolerance, and role-based security. ASG-Zena enables the management of workloads across multiple operating systems including Windows, UNIX, Linux, AS/400, and z/OS in both physical and virtual server environments. ASG-Zena offers a cluster-based fault tolerance model that allows the workload to be executed on multiple backup servers in a fail-over scenario.

ASG-Zena features an easy-to-use workflow diagram for both production and application development to effectively automate and integrate workload and business processes.

TECHNICAL SPECIFICATIONS

PLATFORMS

- Windows®, UNIX (AIX, Solaris, HP-UX), Linux, AS/400, z/OS

APPLICATIONS

- SAP, Oracle, PeopleSoft
- Micro Focus Server
- J2EE Application Servers
- Crystal Reports
- Oracle-Sun Grid Engine
- VMWare Server and ESX
- MSSQL Job Scheduler, SSIS, and Reporting Services

DATABASES

- Oracle, MSSQL, JDBC-compliant databases

PROTOCOLS

- FTP, FTP/s, SFTP, HTTP, SMTP, SNMP, SSH

APIS

- .NET (Assembly), COM, Java , Windows PowerShell

ASG-Zena allows enterprises to solve business problems while bridging departmental boundaries and offering unmatched scalability and integration capabilities. It offers scheduling and script-less integration capabilities for technologies such as Microsoft® .net and J2EE environments. ASG-Zena offers security and data redundancy capabilities and supports the enterprise's growing audit support requirements with centralized logging, archiving, rollback, and custom reporting capabilities. ASG-Zena enables cross-platform triggering capabilities with centralized coordination of multiple server environments whether physical or virtual. ASG-Zena integrates seamlessly with both ASG-Zeke™ and ASG-OpsCentral™, to extend workload management capabilities across the entire enterprise and provide capabilities such as enterprise flowcharting and critical path management.

FLEXIBLE AND INNOVATIVE WORKLOAD AUTOMATION

ASG-Zena features a graphical process whiteboard for task definition. This component-based architecture minimizes redundant definitions and maximizes flexibility. Tasks can be defined to run on a specific machine or a logical set of machines using workload-balancing capabilities, maximizing machine resources. Reusable templates and variables at the task, process, or system level simplify definitions and streamline data flow.

AUTOMATED PROVISIONING AND MANAGEMENT OF VMWARE ENVIRONMENTS

ASG-Zena features VMWare interface capabilities to enable VM provisioning services to be invoked as part of an automation solution, enabling additional flexibility for automating workloads in virtual environments.

BROAD AND FLEXIBLE INTEGRATION WITH OTHER TECHNOLOGIES

ASG-Zena seamlessly integrates application development and server environments, such as Web services, .net, and J2EE, as well as other technologies such as FTP, HTTP, SMTP, and ADO. This functionality eliminates the manual scripting of integration of existing applications with newer technologies and greatly reduces overall costs.

ASG-Zena's advanced agent technology enables workload management on multiple platforms. Trigger-based processes can find new files within a directory, receive a message within MSMQ or JMS message queues, detect a change to a file within a directory, or even detect an event log addition. With ASG-Zena's SAP adapter, process chains in a BI environment can be invoked and monitored and also integrated with other applications running in the enterprise.

CENTRALIZED CONSOLE AND OPERATOR'S WORKBENCH

ASG-Zena enables management of distributed scheduling through a centralized console with dashboard capabilities including predefined as well as user-customizable views and reports to meet individual user needs. ASG-Zena integrates with third party tools and applications to protect your IT investments and provide users a one-stop snapshot of the enterprise's real-time workload automation status and progress. In addition, actions can be performed on previously scheduled tasks or completed tasks to correct errors that impact workload execution.