

ASG-ZENA™

Modern Multi-Platform Workload Automation

OPTIMIZE OPERATIONAL BUSINESS FLOWS ACROSS PLATFORMS

IT operations environments are becoming increasingly complex as organizations accelerate digital transformation across their hybrid IT infrastructure—from mainframe to cloud. Operations teams must manage thousands of workloads and execute hundreds of business processes on time, with accuracy, and in compliance across technology stacks, every day. This is challenging to accomplish when using multiple workload automation and scheduling tools that require high amounts of manual effort.

ASG-Zena™ is a modern, multi-platform workload automation solution easily deployed through Docker containers that enables operations teams to design, visualize and automate IT processes from a single console to optimize operational business flows, from mainframe to cloud. Operations teams can use event-based and date- and time-based automation and scheduling to reliably automate end-to-end business processes across multiple operating systems including Windows, UNIX, Linux, IBM i and z/OS in physical, virtual and cloud environments.

Using advanced capabilities in ASG-Zena™, operations teams can lower costs for multi-platform workload automation, optimize business process flows by integrating with critical applications, and ensure critical cross-platform automation completes more than 99.9% of the time.

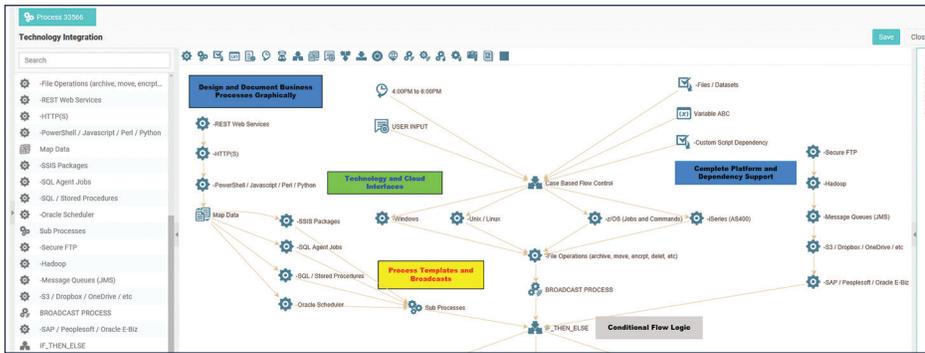
DESIGN AND VISUALIZE PROCESS WORKFLOWS

ASG-Zena™ features an easy-to-use workflow diagram for both production and application development (and every department in between). It effectively enables you to automate and integrate workload and business processes. ASG-Zena™ allows enterprises to solve business problems while bridging departmental boundaries while 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.

BENEFITS

- **Improve Operational Excellence**
Optimize business process flows with advanced workload automation
- **Increase Productivity, Scalability**
Define processes and tasks once, execute infinitely, and free up staff to focus on value-added work
- **Reduce Operational Complexity**
Simplify the management of complex cross-platform processes and hybrid IT environments
- **Ensure High Process Completion**
Automate complex processes for predictable operations and reliable repeatable error-free



ASG-Zena features an easy-to-use workflow diagram to automate and integrate workload and business processes

ASG-Zena™ enables cross-platform triggering capabilities with centralized coordination of multiple server environments whether physical or virtual. It 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.

MAXIMIZE WORKLOAD AUTOMATION FLEXIBILITY

ASG-Zena™ features a graphical process whiteboard for task definition. This component-based architecture minimizes redundant definitions and maximizes flexibility. You can define tasks 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.

INTEGRATE WITH EASE AND AT SCALE

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.

The advanced agent technology of ASG-Zena™ 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 the SAP adapter from ASG-Zena™, process chains in a BI environment can be invoked and monitored and also integrated with other applications running in the enterprise.

CAPABILITIES

- Automate Operations**
 Leverage event- or time- and date-based automation
- Design and Visualize Business Process Flows with Graphical Whiteboarding**
- Run Concurrent Processes**
 Avoid system bottlenecks and control when processes and tasks run concurrently
- Modernize Job Scheduling**
 Leverage calendars, actions, dependencies and more from a single console
- Streamline and Analyze Operations**
 Simplify automation rules and scheduling, and ensure success with customizable analytics and reporting views
- Manage by Exception**
 Use alert and proactive component monitoring and notification capabilities

MANAGE PRODUCTION STATISTICS AND REPORTS

Intuitive views of production statistics and reports in ASG-Zena™ ease monitoring and intervention when necessary. The production statistics provide drill-down support that navigates you, with one click, to engage with specific details. Process charts show counts by status and source as well as time and process completion by hour of the day compared to previous days. You can view summaries of milestones, alerts and agent status and drill down into additional details. Graphical views also allow you to see potential system bottlenecks.



ASG-Zena dashboard showing a Scheduler summary

CENTRALIZE SCHEDULING MANAGEMENT

ASG-Zena™ enables you to manage 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 your enterprise's real-time workload automation status and progress.

TECHNICAL SPECIFICATIONS

Platforms

- Windows®, UNIX, Linux, IBM i, z/OS

Applications

- SAP, Oracle, PeopleSoft, Micro Focus Server, Ellucian Banner, ServiceNow
- J2EE Application Servers
- Drop Box, Google Drive, OneDrive, Hadoop
- Open Amazon S3 Operation, EC2
- MSSQL Job Scheduler, SSIS, and Reporting Services

Databases

- Oracle, MSSQL, JDBC compliant databases
- PostgreSQL
- Active Directory, LDAP

Protocols

- FTP, FTP/s, SFTP, HTTP, SMTP, SNMP, SSH, AES encryption between the server and agents

APIs

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

PAM

- Arcon
- AWS Secrets Manager
- CyberArk
- Hashicorp
- Thycotic

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