

# ASG-Enterprise Orchestrator™

## End-to-end DevOps Value Stream Orchestration Solution

### Harmonize Devops Value Streams

To thrive in today's digital economy and demanding market landscape, IT leaders must deliver value to end users and customers with high quality, velocity, and efficiency. This requires aligning business strategy with software development and delivery—and optimizing the DevOps value streams that span the entire hybrid IT infrastructure.

ASG-Enterprise Orchestrator enables IT teams to visualize, automate, and coordinate end-to-end development and operations tasks needed to deliver solutions across operating systems, platforms, and business applications. It unifies an organization's DevOps strategy with the tools and applications already in place to maximize existing investments. Adding ASG-Enterprise Orchestrator provides the connectivity and visibility IT leaders need to manage all end-to-end processes from a single console.

The automation of digital business value streams enables IT leaders to optimize process flows, improve resource efficiency, and prevent disjointed processes and their associated cost. In addition, it empowers IT leaders to meet the infrastructure and operations needs of their quickly growing business to delight their customers.

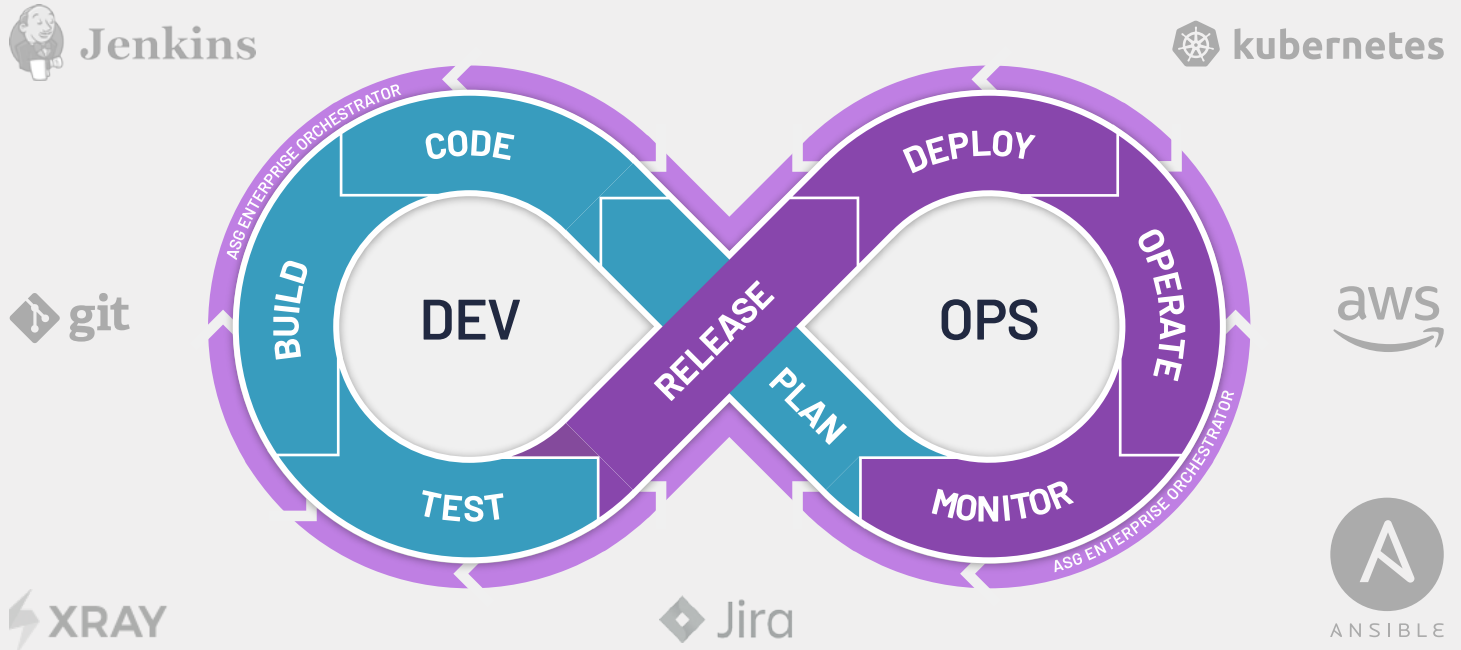
#### PRODUCT BENEFITS

- 1 Optimize Software Development and Delivery**  
Increase quality, velocity, and efficiency in DevOps value streams
- 2 Extend DevOps Collaboration**  
Align IT and the business across teams and technologies
- 3 Elevate DevSecOps**  
Build security into every step of your DevOps value streams
- 4 Increase Enterprise Agility**  
Easily shift workloads between technology stacks
- 5 Increase Workload Throughput**  
Visualize and manage the execution of thousands of workloads
- 6 Improve Productivity**  
Replace manual scripting and data collection with intuitive capabilities
- 7 Reduce Complexity**  
Ease value stream management from mainframe to cloud
- 8 Simplify Governance**  
Centralize configuration, visibility, and management of DevOps value streams across platforms and applications



# ASG-Enterprise Orchestrator

ASG-Enterprise Orchestrator advances traditional workload automation by including DevOps pipelines that automate value streams across complex IT ecosystems.



## Devops automation and orchestration

ASG-Enterprise Orchestrator is easily deployed on premises or in the cloud. It provides self-service tools and a range of automation services through a web-based UI, which empowers automation architects to define, inspect, govern, and preserve DevOps value streams. It also provides automation teams with the ability to:

- Establish design-time configuration of DevOps value streams, meeting the needs of development and delivery teams
- Manage and monitor run-time execution of value streams, equipping administrators with dashboards, logs, notifications, and high availability

- Span mainframe to cloud with the capability to distribute work across the entire IT ecosystem, including Hybrid Cloud environments and Sysplex awareness on mainframes
- Define and use variables across the system to make reusable, highly customized, and complex workflows
- Specify critical branching for tasks with an infinite number of conditions to ensure automation flows meet business requirements

ASG-Enterprise Orchestrator includes the same best-in-class workload automation and job scheduling capabilities for mainframe-to-cloud that are available in ASG-Zena. ASG-Enterprise Orchestrator also provides a direct interface to ASG-Zeke for seamless automation on the mainframe.

# Choreograph Complex Cross-Application Workflows

Enterprise applications often provide proprietary task interfaces as part of their offerings. The right automation solution will connect to all applications that are part of an enterprise's critical value streams. Enterprises need to orchestrate all tasks and workloads across multiple operating systems and applications to deliver value.

ASG-Enterprise Orchestrator delivers support for coordinating and orchestrating tasks and workloads on all the major enterprise computing platforms and the most popular business applications. These include: IBM mainframe, Amazon S3, Azure, SAP, Azure DevOps (ADO), Kubernetes, and more. ASG-Enterprise Orchestrator combines all workload automation and consolidates DevOps tasks into dynamic end-to-end value streams, which increases output, reduces errors and time-to-market, and improves margins.

## CAPABILITIES

### Real-time Views

Utilize dashboards and action-oriented views of real-time value stream status and progress, enabling administrators to correct errors impacting execution

### Elevate DevSecOps

Implement change control for automation workflows so developers can securely promote changes to the next step in the validation process for production

### Design and Visualize Value Streams

Use intuitive, browser-based whiteboarding to design and visualize value streams

### Automate DevOps Toolchains

Integrate and automate existing tools in your DevOps toolchain

### Manage Workload Automation and Scheduling

Leverage the same advanced workload automation and scheduling features available in ASG-Zena

### Orchestrate End-to-end Value Streams

Orchestrate value streams across technologies from a single console

## SUPPORT AND INTEGRATIONS

- Platform Support for Windows®, UNIX, Linux, IBM i, z/OS
- User Interface is all browser-based, including Mobile-ready pages

### DevOps

- Ansible
- Azure DevOps
- Kubernetes
- Jenkins
- Jira
- Selenium
- Xray

### 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, TLS 1.2 encryption between the server and agents

### APIs

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

### Privileged Access Management

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

# About Rocket Software

Rocket Software partners with the largest Fortune 1000 organizations to solve their most complex IT challenges across Applications, Data and Infrastructure. Rocket Software brings customers from where they are in their modernization journey to where they want to be by architecting innovative solutions that deliver next-generation experiences. Over 10 million global IT and business professionals trust Rocket Software to deliver solutions that improve responsiveness to change and optimize workloads. Rocket Software enables organizations to modernize in place with a hybrid cloud strategy to protect investment, decrease risk and reduce time to value. Rocket Software is a privately held U.S. corporation headquartered in the Boston area with centers of excellence strategically located throughout North America, Europe, Asia and Australia. Rocket Software is a portfolio company of Bain Capital Private Equity. Follow Rocket Software on [LinkedIn](#) and [Twitter](#).



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