

ASG-ENTERPRISE ORCHESTRATOR™

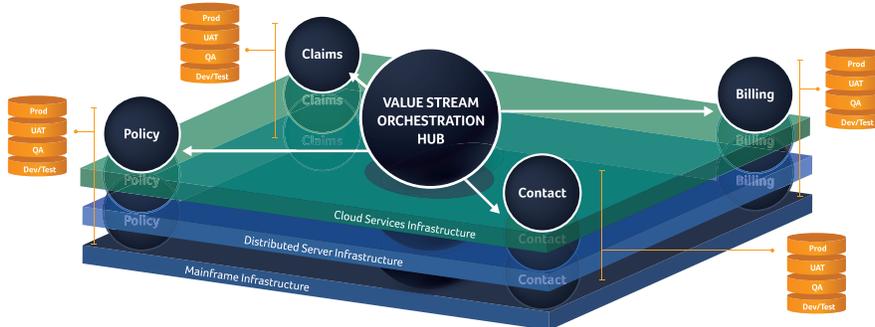
End-To-End DevOps Value Stream Management

MANAGE DEVOPS VALUE STREAMS, MAINFRAME TO CLOUD

To thrive in today's digital economy, organizations must confront the threat of disruption and deliver value to their end users and customers with higher quality, velocity and efficiency. This requires aligning business strategy with software development and delivery in DevOps value streams that span your entire hybrid IT infrastructure.

ASG-Enterprise Orchestrator is a DevOps value stream management platform that enables infrastructure and operations (I&O) and DevOps teams to visualize, orchestrate and automate development and operational value streams for creating and delivering digital solutions across operating systems, platforms and enterprise software packages—from mainframe to cloud.

Managing these activities as end-to-end DevOps value streams from a single console enables you to optimize business process flows, improve resource efficiency and elevate customer experiences to gain a competitive advantage.



ASG-Enterprise Orchestrator manages DevOps value streams spanning technology stacks and enables configuration to migrate with speed and accuracy through the software development life cycle.

DEVOPS AUTOMATION AND ORCHESTRATION

ASG-Enterprise Orchestrator is easily deployed through Docker containers. It provides self-service tools and a range of automation services through a web-based UI to define, inspect, govern and preserve DevOps value streams. Its orchestration capabilities simplify the DevOps application lifecycle requirements needed to:

- Enable design time configuration of DevOps value streams, meeting the needs of development and delivery teams
- Manage and monitor run-time execution of value streams, arming administrators with dashboards, logs, notifications and high availability
- Span mainframe to cloud with the capability to distribute work across all mainframes, including Sysplex support

BENEFITS

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

- Support onboard definition of database tables for entries and attributes not already available in the environment
- Define critical branching with unbounded conditional processing when orchestrating DevOps value streams

In addition to DevOps value stream management, ASG-Enterprise Orchestrator provides the same best-in-class workload automation and job scheduling capabilities for mainframe-to-cloud that are available in [ASG-Zena](#). ASG-Enterprise Orchestrator delegates task management to proprietary scheduler packages where they exist and directly manages jobs and workloads when necessary.

CHOREOGRAPH COMPLEX CROSS-APPLICATION WORKFLOWS

Enterprise applications often provide proprietary task and workload automation internal to their function. Critical value streams span enterprise applications and 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 enterprise packaged applications, such as IBM mainframe, SAP, ServiceNow, Hadoop and Docker. ASG-Enterprise Orchestrator combines all workload automation and automates tasks into dynamic end-to-end value streams, increasing output, reducing errors and time-to-market, and increasing margins.

CAPABILITIES

Real-time Views

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

Elevate DevSecOps

Create packages of changes to be accepted into higher environments in DevOps value streams by those with proper security

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 Windows®, UNIX, Linux, IBM i, z/OS

DevOps

- Jenkins
- Jira
- Xray
- Ansible

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