Product Brief

Continuous Delivery for IBM z Systems

Key Benefits

- End-to-end support for continuous-delivery pipelines.
- Achieve faster time-to-value for the entire enterprise IT portfolio.
- Drive continuous delivery and agile practices for z Systems.
- Empower pervasive automation throughout the enterprise.

Key Features

- Automatic deployment processes promote versioned packages from environment to environment.
- Emails and notifications are automatically sent to keep key personnel up to date.
- Empower non-mainframe skilled staff to safely deliver changes.
- Single tool to cover all the platforms in the organization.
- Bring DevOps principles and agile practices to the entire IT stack.
- Full transparency of release progress by managers, users, developers and operations personnel.
- Support for all mainframe object types such as code, loadlib members, JCL, Rexx, and CLIST.

At A Glance

Automic® Continuous Delivery for z Systems brings optimized delivery and deployment of releases to the mainframe. This single delivery management tool facilitates a comprehensive, standardized, continuous-delivery strategy across applications that span platforms—mobile, distributed, cloud-native, and mainframe.

Business Challenges

The modern digital enterprise recognizes that time-to-delivery is a critical metric to realizing competitive advantage, revenue growth and business sustainability. Agile and DevOps practices are rooted in mobile, distributed or cloud-native applications, but the enterprise IT portfolio is much broader. Many core backend and legacy systems that run on the mainframe are also interconnected or are interdependent with mobile, distributed, and cloud-native systems.

Following continuous delivery best practices for all types of applications can greatly improve efficiency, deliver applications more timely, reduce outages and affect the bottom line of any business.

Complexity for Enterprise Releases and Deployments
Manual and semi-manual deployments like those done for z Systems and bimodal IT as a whole are inefficient, inconsistent, and offer limited traceability and transparency. Mission-critical application releases and updates are complex at enterprise scale with each deployment being unique and containing complex dependencies and having to meet stringent regulatory or audit guidelines.

Solution Overview

Automic® Continuous Delivery Automation provides an integrated release orchestration and deployment automation platform that drives continuous delivery for bimodal enterprise needs—across IoT, distributed, cloud-native, and z Systems applications.

Automic Continuous Delivery Automation is built on an industry-leading automation engine. The automation engine provides enterprise-grade high availability, secure workload and payload distribution, and enormous scale. Automic is the most scalable automation platform in the market, and it offers the broadest support for your application endpoints. Automic Continuous Delivery Automation empowers continuous delivery best practices across the enterprise by allowing the same automation mechanics and processes to be applied to all environments and platforms. z Systems are no longer left alone. z System tools, processes and teams can be included into continuous-delivery pipelines making the entire enterprise more agile, responsive, and on-demand.

Critical Differentiators

Automic Continuous Delivery Automation is a leading application release automation solution that empowers continuous delivery across the enterprise IT portfolio. The Automic Continuous Delivery Automation connector for z Systems extends these capabilities to include z System actions associated with mainframe application deployment. With Automic Continuous Delivery Automation you get a single pane of glass from which to grant deployment or release planning privileges, view deployment or release progress, and view audit and compliance reports and dashboards. The code, environments, packages of Code and JCL are all seen and coordinated from a single GUI (and API).

For more information, please visit ca.com/automation.