

## ASG-STUDIO

Simplify the Creation and Testing of Content-Rich Automation with Simple Visual Design and Assembly

ASG-Zenith Digital Automation Platform (Zenith) is a unified platform for digital automation that simplifies and accelerates the delivery of process-centric and content-centric applications. It includes business services for business process management (BPM) and robotic process automation (RPA), policy-based decisions, content governance and presentation and multi-experience application delivery. These services are uniquely integrated through a single low-code/no-code visual design environment, ASG-Studio.

Zenith and ASG-Studio (Studio) empowers enterprises and teams to make the complex interactions of people, content, systems and processes actionable with a simplified design to quickly assemble, test and deploy content-rich process automations in a single, intuitive design experience.

### EMPOWER BUSINESS USERS WITH SIMPLIFIED VISUAL DESIGN

Content-rich processes have historically been automated through custom development and complex integrations of disparate applications and technologies. Developing and deploying these complicated solutions relied heavily on scarce IT developer and systems integration resources working with business users and domain experts to translate requirements into working solutions. Historical efforts have been complex, costly and regularly failed to deliver to business expectations.

Studio eliminates that complexity with a single, intuitive, model-driven design studio simplifying the design, assembly and deployment of content-rich processes. Studio enables teams to avoid additional costs associated with licensing and training citizen developers to use multiple tools to automate content-rich processes.

### DESIGN FLEXIBLE AND RESPONSIVE INTERFACES

Studio Visual Forms Designer provides a drag and drop forms creation environment with extensive controls and models to create progressive web apps with rich user interfaces (UI). These progressive web applications are device-agnostic with responsive design to deliver optimized experiences across platforms.

Designers can create forms linking to external scripts and stylesheets, pre-built styles and graphics to reinforce company standards and branding. Additional design capabilities available via an integrated stylizer allows custom interface development when needed.

### BENEFITS

- Simplified experience
- Unified services
- Drag & drop modeling
- Integrated testing, debugging and experience validation
- Integrated forms design
- Data integration mapping
- Engaging mobile experiences

### CAPABILITIES

- Single, intuitive design studio
- Low-code/no-code, drag-and-drop assembly
- Model-driven process automation approach
- Single unified design desk to consolidate services for BPM and RPA

## TRANSFORM CONTENT-RICH PROCESSES WITH PROCESS DESIGNER

Designers create content-rich process workflows and automation through the drag-and-drop design and assembly of tasks using Studio's BPMN 2.0 compliant Process Designer. Studio defines the BPMN artifact with its supporting elements (including definitions of the user interface, data elements, user roles, and more) and streamlines the packaging and deployment of changes to the Zenith runtime environment.

Within Studio Process Designer, designers specify manual tasks, user tasks, service tasks and script tasks supporting the process. These tasks can be arranged in any combination and sequence to support automating the content-rich process.

## AUTOMATE HUMAN TASKS WITH ROBOTIC SERVICES MODELER

Studio's Robotic Services Modeler enables designers to create robotic process bots automating mundane and repetitive human tasks within a content-rich process. Designers model robotic processes to automate common interactions between humans and machines, including desktop applications such as Microsoft Excel, Web applications and pages and email. Once designed, built and tested in Studio, bots are deployed to Zenith Bot Central for administration and management before being deployed to user machines or virtual machines for execution.

RPA Modeler is extensible to allow designers and integrators to create their own bot operations. Once created, bot operations can be added to the bot repository for reuse in other content-rich processes. Designers no longer have to learn different tools to design and integrate processes and bots. Studio eliminates the need for multiple tools with one, intuitive experience enabling teams to more quickly deliver content-rich process solutions.

## INTEGRATE WITH EXISTING ENTERPRISE ASSETS THROUGH DATASOURCE MODELER

Designers leverage Studio's Datasource Modeler to map and integrate to enterprise databases and web services. Studio also enables developers with a low-code approach to quickly connect to enterprise data sources and applications and generate reusable business components as web services. Designers use these reusable business components in Process and UI models to populate forms and extract data and metadata to drive content-rich process execution, including branching decisions.

## TEST PROCESS AUTOMATIONS AND VALIDATE EXPERIENCES

Studio includes an integrated test environment that supports interactive debugging, including breakpoints and mock data. Designers can test important aspects of the process flow and the execution of individual steps. This helps designers ensure process form parameters trigger correct actions, process steps are exited correctly and execution of correct branches within a process flow occur. Studio's testing capabilities extend to a mobile test client allowing designers to detect and resolve any compatibility and user experience issues without having to use additional tools.

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