

## ASG-ZENITH ROBOTIC SERVICES

Digitize operational and engagement processes for efficiency and growth

ASG-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 & multi-experience application delivery. These services are uniquely integrated through a single low-code/no-code visual design environment, ASG-Studio™.

### COMPREHENSIVE PROCESS AUTOMATION SERVICES

ASG-Zenith Process (BPM) and ASG-Zenith Robotic (RPA) Services provide a full range of digital automation capabilities that are uniquely assembled using a single visual design tool. Business (business analysts, process designers, citizen developers) and IT teams can quickly design, assemble, manage, monitor and deploy automation solutions. By combining both business process and robotic automation services, teams can apply the appropriate technology or combination of technologies to optimize process automations. This comprehensive model allows more rapid automation of simple to complex processes.

### AUTOMATE REPETITIVE MANUAL TASKS WITH ROBOTIC SERVICES

ASG-Zenith includes a set of Robotic Services for Robotic Process Automation (RPA) that automate actions that might otherwise be taken by a human such as completing a form, passing information from one application to another or executing an application operation (e.g. entering data into cells in Excel). ASG-Zenith Robotic Services supports attended and unattended automation, both separately and in coordination with each other to meet a variety of business needs.

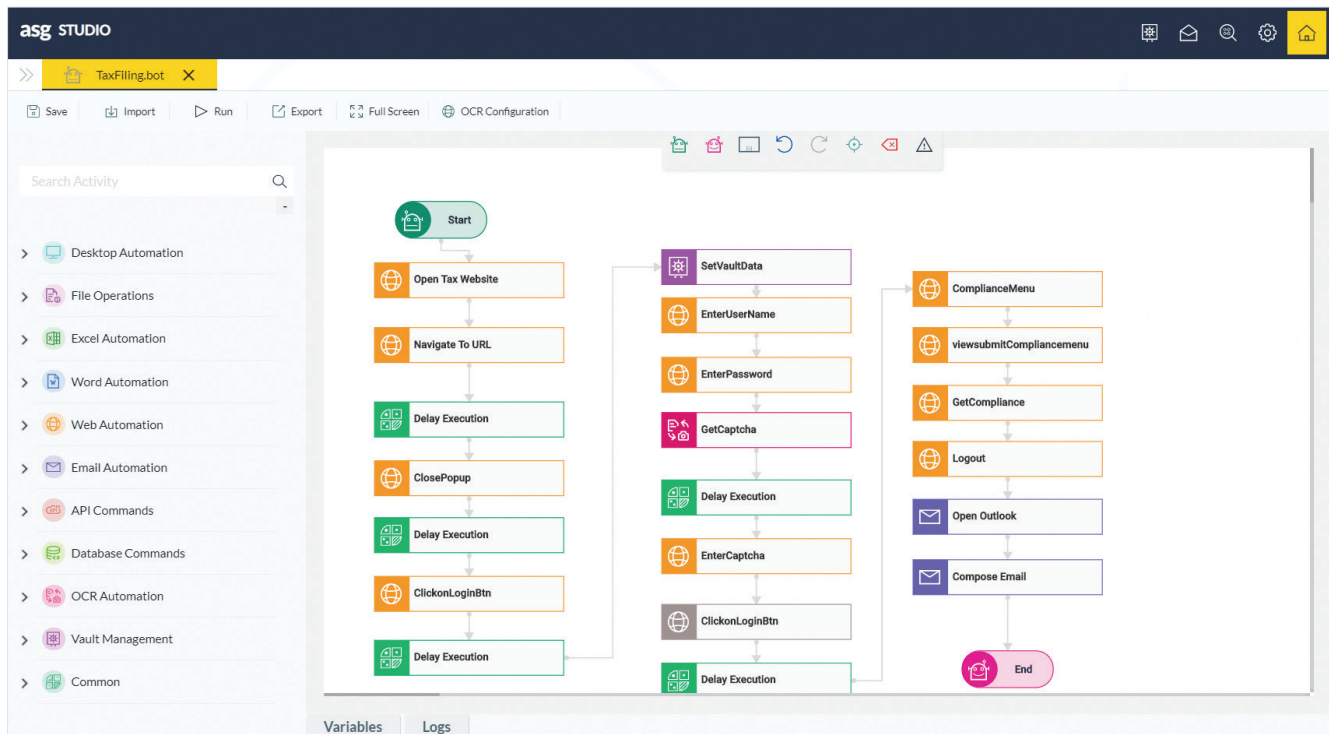
Robotic Services are callable from within an ASG-Zenith process, enabling the straightforward combination of machine and human automation of process and task. As with ASG-Zenith Process Services, ASG-Zenith Robotic Services are designed and deployed via ASG-Studio, a unique, patent pending, approach to process automation.

### BENEFITS

- Increased productivity by delegating mundane, repetitive tasks to bots
- Improved efficiency as bots can work 24/7/365 without any disruption
- Headless process automation with minimal human intervention
- Lower costs through non-invasive legacy system interaction
- Adherence to regulatory and compliance requirements of various organizations

### MAIN FEATURES

- Bot modeling
- Centralized bot management, scheduling and orchestration
- Trigger RPA as a service from external applications
- Single integrated design desk for assembly, debugging, deployment and management of bots
- Exception handling and logging
- Bot monitoring and dashboards
- Extended automations for mainframe and legacy applications
- Smart automation using OCR configuration service both for on-prem and cloud use cases
- Unified automation capability to integrate Process with Robotic services
- Attended & unattended bot automation support
- APIs for extensibility to connect with backend automation tools



ASG-Studio RPA Modeler is comprised of 75 Building Blocks (Robotic Activities) used to design, build and automate human actions and tasks

ASG-Zenith Robotic Services supports automation of a broad range of application, operational and system actions:

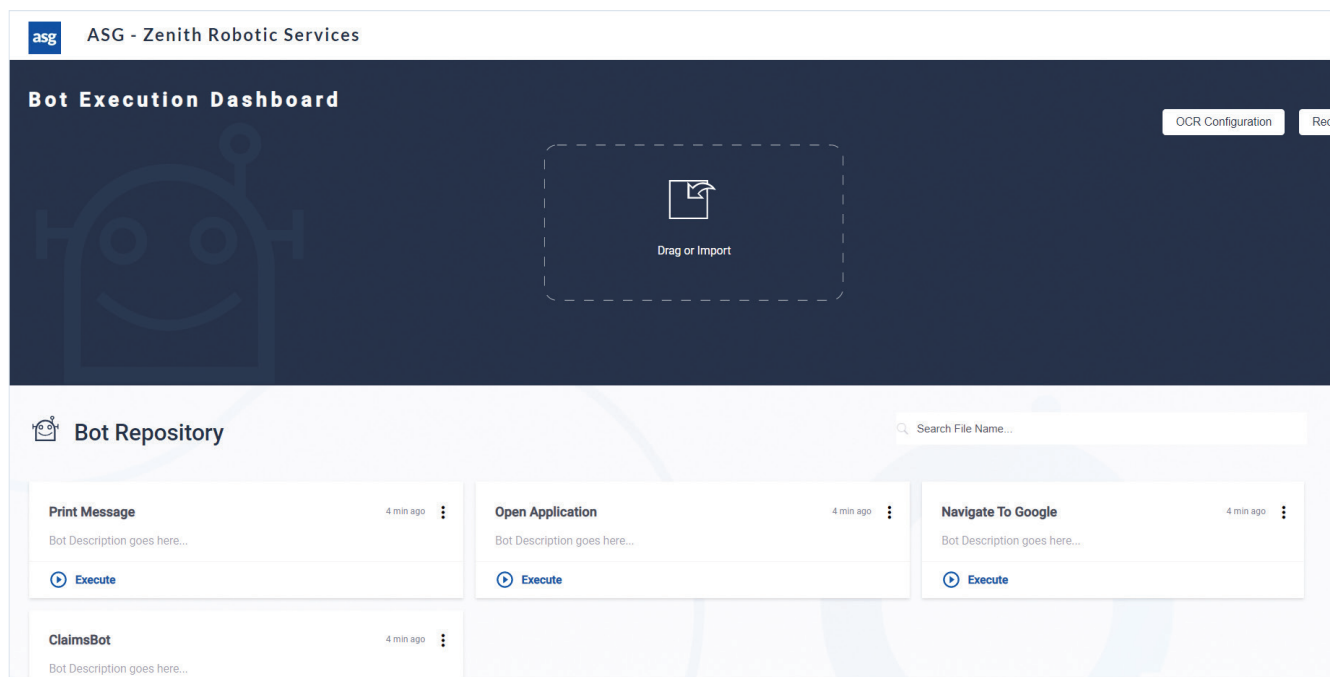
- **Automate desktop application interactions** – retrieve data from external sources, read or perform keyboard / mouse actions in commonly used desktop productivity applications. Tasks can also automate application specific functions in Excel, Word and Email applications.
- **Automate web application interactions** – Read UI elements, write data to web forms, perform keyboard / mouse actions in web applications and web pages.
- **Automate data entry tasks** – OCR Config Services gives users flexibility to configure and select OnPrem (Google Tesseract) and Cloud (AWS Textract, Google Vision API and Abbyy) OCR tools.
- **Smart extraction tasks** – Enable users to perform data manipulations, including text extraction actions with complimentary OCR support to structured data by the RPA bot for action.
- **Secure and utilize user credentials** – Value Manager enables users to configure, store and utilize credentials and personal data in bot automations in a secured & encrypted manner.
- **System-level services** – Trigger a bot-as-a-service through Trigger API from external applications; execute SQL database operations; and execute local file management services.

ASG-Zenith Robotic Services can group multiple actions together for sequential execution as a sub-process bot that can be incorporated within a broader ASG-Zenith process. These execution sequences also can support conditional if-then-else logic allowing conditions within the process to determine appropriate next steps by the RPA bot.

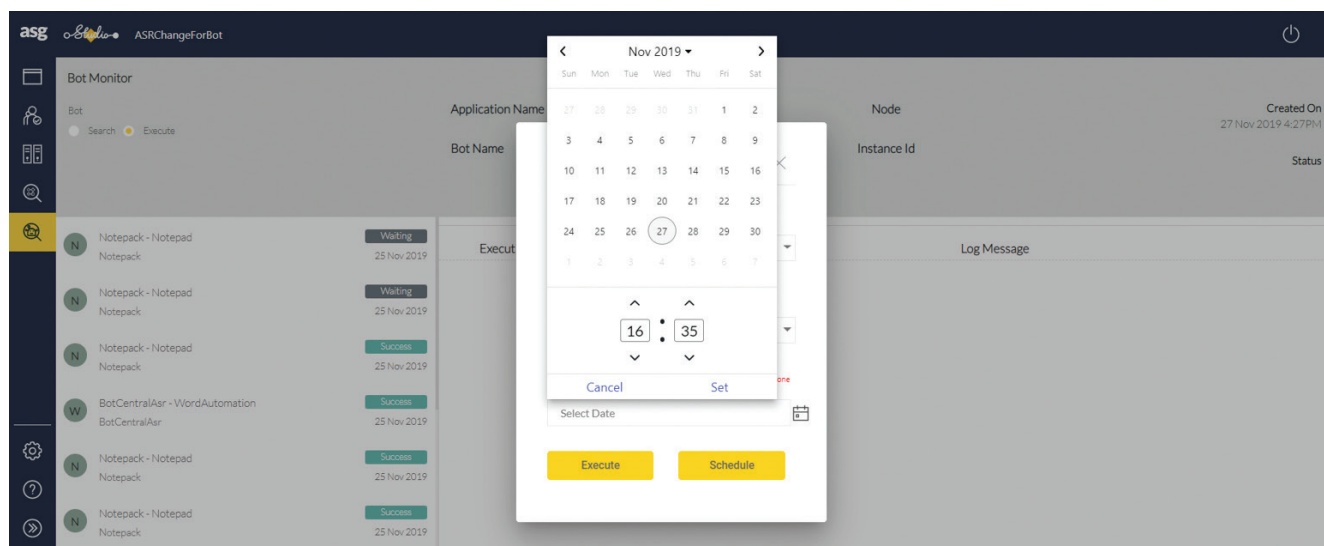
Bot design is accomplished using the Robotic Modeler within ASG-Studio. Bot Central, a bot management and monitoring console, handles deployment, orchestration and management of bots. Bots which are executed on end-user machines operate in attended mode and bots executed on a virtual machine (VM) operate in unattended mode.

ASG-Zenith Robotic Services extend the opportunity to digitize business processes. Applications and repetitive tasks normally requiring manual interactions can now be automated. This includes automating interactions with legacy applications such as mainframe, AS400 Terminal Interfaces and ERP (e.g. SAP) through the existing interface in a non-invasive manner.

With ASG-Zenith, robotic and business process automations can be designed, assembled, tested and deployed from the same design desk, accelerating delivery of digital transformation.



Bots can be dragged and dropped onto the Bot Execution Dashboard from the Bot Repository for Attended Mode Execution.



Use Bot Central to map, schedule and deploy bots in various Bot nodes for unattended execution

## ASG-ZENITH DIGITAL PROCESS AUTOMATION

ASG-Zenith and ASG-Studio enable IT professional developers, business process owners, designers, and citizen developers to work together to increase velocity, improve flexibility to meet changing market needs and increase the visibility into operations and information. Provided from the cloud as a SaaS application, ASG-Zenith provides rapid time to value and through its multi-experience model, engages users across devices from PC to Smartphone to improve productivity.



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