

Gluware Intent-Based Applications transform your enterprise, letting you simply and seamlessly automate and orchestrate multi-vendor, multi-platform networks at scale, taking the guesswork out of maintaining today's mission-critical networks.

# Workflows

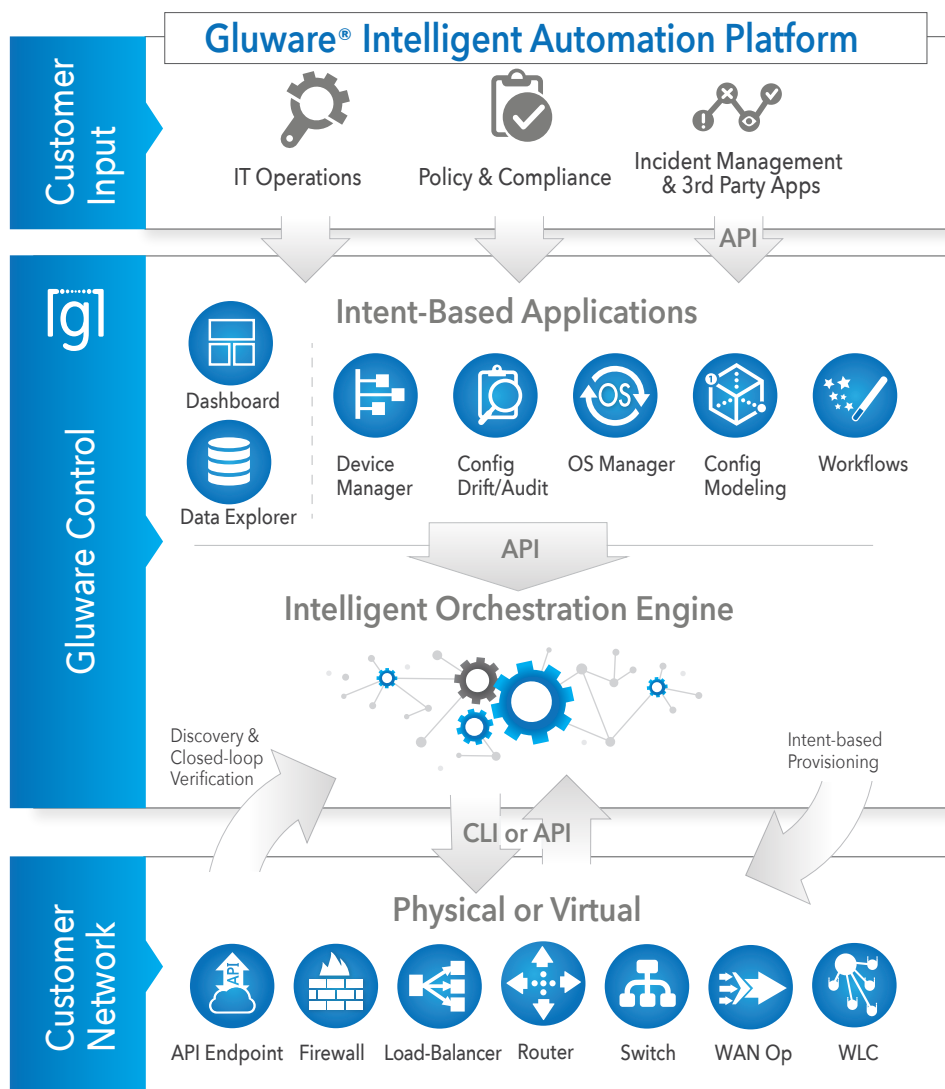
## Streamline your key processes with Intent-Based automation

**Gluware<sup>®</sup>** Workflows streamlines your day-to-day operational network automation tasks and processes. Workflows is part of Intent-Based **Gluware<sup>®</sup> Intelligent Network Automation**. The application uses pre-built or customer-defined workflows to rapidly discover and automate today's large-scale enterprise networks. No programming is required with Workflows, reducing human errors and delivering the agility, cost savings and security your network engineering and operations require.

*What I found was a pre-packaged automation solution that allows our engineers to use the same CLI they are used to. Gluware allows them to use the same syntax, the same commands, and it will abstract that and build the automation that they need.*



**James Radford**  
VP of Operations, Mastercard



**Workflows leverages** the underlying power of the existing Gluware Intent-Based application suite used for processes including network discovery, drift, audit, OS management, config management and assessment.

The Workflows app is also powered by Gluware's intelligent network orchestration engine which performs declarative provisioning. It offers support for a multi-vendor network layer using vendor extensions to accelerate your ability to streamline tasks. This is especially important when the network is comprised of multiple vendors and platforms.

Abstraction delivers simplification of lower-level details without error-prone complexity. For example, a workflow within the application may provide a business level option for voice quality (high, medium, low) and would then automate the QoS parameters to achieve this. Multiple steps can be integrated transforming a redundant task into agile automation.



## Workflows Categories

- **Design:** Engineers can create and modify their own network features and formulate custom workflows used within Gluware® Config Modeling
- **Operate:** NetOps can easily provision devices and assign credentials and network policy across multiple nodes
- **Plan:** Operations can perform tasks including using 3rd party vendor APIs to pull support contract status, end of life/end of sale and security vulnerability information
- **Troubleshoot:** Common troubleshooting procedures can be automated to retrieve node operational state values

## No Programming Required

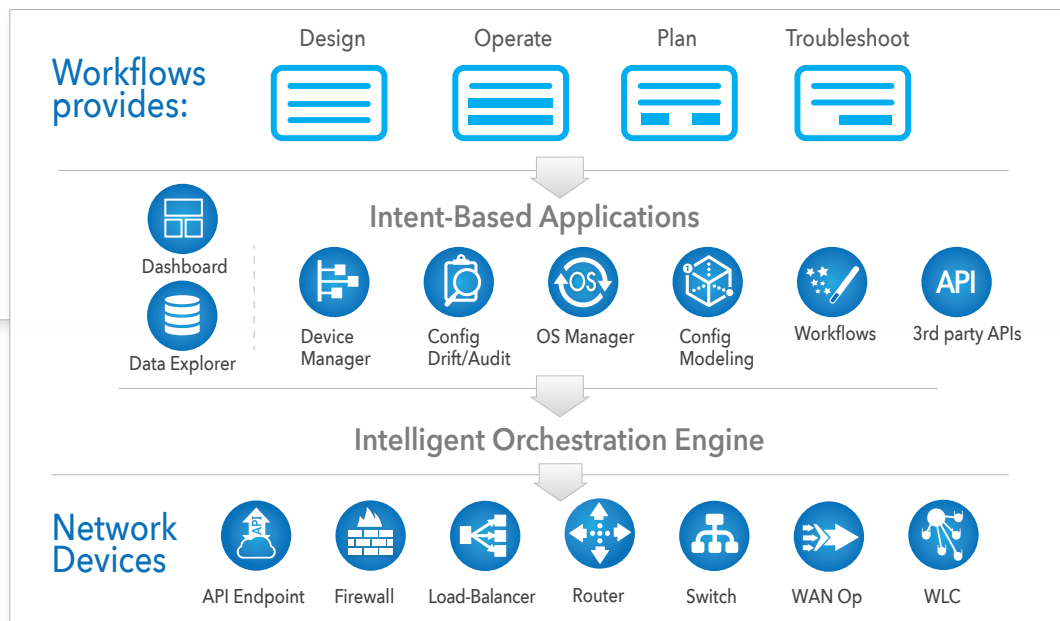
- Pre-built workflows provide instant value and powerful processes for engineering and operations
- Gluware-provided rapid development to integrate your specific processes for NetOps

## Intent-Based Provisioning

- Abstracts underlying components to ingest business objectives and execute the task or process
- Utilizes the Gluware capabilities to provide pre-built engineering and operational tasks and processes
- Leverages Gluware's Intelligent Orchestration Engine to provide declarative provisioning with validation of the intended state

## Optimized for Brownfield

- Enables the ability to automate common features across hundreds or thousands of network nodes
- Network feature policies can be abstracted leveraging Gluware to render the native vendor CLI for each underlying platform
- Can capture user input and also leverage Gluware to discover an already configured variable, like a VLAN ID, then use it for required CLI commands



**Smarter**  
Underlying Intelligence

**Faster**  
Stepwise Execution

**Simpler**  
Abstracted Workflow

- Workflows leverages the power of Gluware Intent-Based applications
- Workflows are built upon the intelligent network orchestration engine with declarative provisioning
- Workflows can unify Gluware operations with 3rd party APIs to complete an end-to-end process

- Minimize time and effort to complete tasks with stepwise wizards
- Take only a few minutes to complete a Workflow that can execute required tasks and processes network-wide
- Workflows can unify processes across Gluware apps to perform discovery, drift, audit, OS management, config management and state assessment

- Abstract lower layer complexity and simplify the process up to the business level task or process
- Simplified user input with form-fill, dropdown or selectors to eliminate user configuration error
- Unify process that involve multiple Gluware applications to perform new feature deployments, day two operations, and integrated precheck-change-post check routines