



Gluware Network RPA

**NO-CODE DRAG-AND-DROP
WORKFLOW AUTOMATION FOR
COMPLEX NETWORK OPERATIONS**

PROBLEM STATEMENT

Modern network operations depend on complex, multi-step processes that span discovery, configuration, validation, remediation, and integration with external IT systems. Yet many organizations still rely on manual execution, brittle scripts, or siloed tools that automate tasks in isolation rather than end-to-end processes. This leads to inconsistent execution, slow response times, increased operational risk, and wasted engineering effort on repetitive work.

To keep pace with digital business, enterprises need a way to automate complete operational workflows across multi-vendor networks and adjacent IT systems—without requiring coding expertise or introducing new operational silos.

SOLUTION STATEMENT

Gluware Network RPA delivers no-code, drag-and-drop workflow automation purpose-built for network operations. Integrated into the Gluware Control platform, Network RPA orchestrates end-to-end processes across devices, Gluware applications, and third-party systems. With pre-built automation tasks, event-driven execution, and enterprise-grade governance, Network RPA enables teams to automate faster, reduce human error, and scale operations with confidence.



WHY THE GLUWARE NETWORK RPA?

Gluware Network RPA stands apart from generic RPA tools and script-based automation by being **network-aware, no-code, and deeply integrated** with both infrastructure and IT ecosystems.

Core Differentiation and Capabilities

- **True No-Code Automation for Network Teams**
Engineers build and modify workflows using a visual drag-and-drop designer. No scripting, programming, or automation frameworks are required.
- **End-to-End Process Orchestration**
Network RPA orchestrates complete workflows rather than isolated tasks, bringing together discovery, configuration, validation, audits, upgrades, and remediation into a single automated process.
- **Built-In Network Intelligence**
Workflows leverage Gluware's declarative and intent-based automation engine, ensuring that changes are applied safely with closed-loop verification and state awareness.
- **Event-Driven and API-Driven Automation**
Supports native event triggers such as Syslog, scheduled execution, manual runs, and API-based triggers from third-party systems using GluAPI.
- **Extensive Integration Ecosystem**
Pre-built tasks integrate with ServiceNow ITSM and CMDB, NetBox, Ansible, Linux hosts, APIs, and more, with access to hundreds of additional actions through the StackStorm ecosystem.

The screenshot displays the Gluware Network RPA interface. The main workspace shows a workflow titled "Example - Detect Config Drift with Remediation". The workflow starts with a "Start" node, followed by a sequence of tasks: "Filter targets", "Capture configuration", and "Compare configuration snapshots". An "IF" decision node follows, branching into "Then - no drift detected" and "Else - drift detected". The "Then" branch leads to "Send email - devices with no drift detected", and the "Else" branch leads to "Provision device". Each task has a "Configured" status indicator. The interface includes a top navigation bar with "Test-Drive-POD-2" and user profile, and a right-hand sidebar with a "Task library" and "Used tasks" section. The "Task library" contains tasks from "Gluware - Device Manager" (Filter targets, Select targets, Run device discovery, Add device, Run network discovery) and "Gluware - Config Drift" (Capture configuration). A "Workflow navigator" window is also visible, showing a zoomed-in view of the workflow diagram.

Drag-and-Drop Pre-Built Tasks to Build Custom No-Code Workflows for Process Automation

FEATURES AND BENEFITS

Key Features

- Visual no-code workflow designer with drag-and-drop tasks
- Pre-built task library from Gluware applications and third-party systems
- Conditional logic, including branching, waits, and dynamic inputs
- Workflow lifecycle management with draft, test, and production states
- Public and private workflows with role-based access control
- Real-time execution monitoring and deep device-level logging
- Exportable workflows and logs for documentation and audit
- Event-driven, scheduled, manual, and API-triggered execution
- Git integration and template support using LiquidJS

Benefits

- **Eliminate repetitive manual work**
Automate common operational processes and free engineers to focus on higher-value initiatives.
- **Reduce risk and human error**
Standardized workflows execute consistently every time with built-in validation and logging.
- **Accelerate operational response**
Event-driven automation enables faster remediation and incident response.
- **Improve cross-team coordination**
Seamless integration with ITSM, CMDB, and external systems aligns network operations with broader IT processes.
- **Scale automation without scaling complexity**
No-code design allows teams to expand automation safely and sustainably.

The screenshot displays the Gluware Network RPA Workflow Library interface. At the top, there's a navigation bar with 'Gluware | Network RPA' on the left and 'Test-Drive-POD-2' on the right. Below the navigation bar, there's a 'Workflow Library' section with a search bar and a 'Sort' dropdown set to 'Newest to oldest'. The main area shows a table of workflows with the following columns: Name, Last run, Last edited, Filter, Info, Development State, Actions, and Options. The workflows listed are:

Name	Last run	Last edited	Filter	Info	Development State	Actions	Options
Ops-Test-MH - 2 Mike Haugh • 10/17/2024, At 3:51 PM	Mike Haugh 10/17/2024 4:49 PM	Mike Haugh 10/17/2024 4:49 PM	✗		Test	▶	⋮
Ops-Test-MH - 1 Mike Haugh • 10/17/2024, At 3:49 PM	N/A Date: N/A Time: N/A		✗		Draft	✎	⋮
Ops-Command-copy Mike Haugh • Test-Drive-POD-2 • 9/4/2024, At 6:39 PM	Mike Haugh 9/5/2024 12:36 PM	9/5/2024 12:33 PM	✗		Test	▶	⋮
Example-Ops-Command-NTP Mike Haugh • Test-Drive-POD-2 • 9/4/2024, At 5:58 PM	Mike Haugh 6/6/2025 1:28 PM	Mike Haugh 6/6/2025 1:27 PM	✗		Test	▶	⋮
Ops-Command-CDP Mike Haugh • Test-Drive-POD-2 • 9/4/2024, At 5:21 PM	Mike Haugh 10/27/2025 8:08 PM	Mike Haugh 10/27/2025 8:07 PM	✗		Test	▶	⋮

Easily Manage a Large Library of Workflows Progressing Through Draft, Test and Production

Workflow Activity

All (70) Running (0) Completed (70) Failed (0) Search workflows Sort Newest to oldest

Name	Run By	Targets	Development State	Execution State	Results	Actions	Log
Example-Config-Push-DNS 10/28/2025, At 10:14 AM	Mike Haugh	2	Test	Completed: 00 m: 49 s	Ok, Info, Minor, Major, Critical		
Ops-Command-CDP 10/27/2025, At 8:08 PM	Mike Haugh	2	Test	Completed: 00 m: 13 s	Ok, Info, Minor, Major, Critical		

Example-Config-Push-DNS

Created by: Mike Haugh
 Organization: Test-Drive-POD-2
 Date created: 10/17/2024, At 5:00 PM
 Run by: Mike Haugh, 10/28/2025, At 10:14 AM
 No committed changes
 Link: <https://demo.gluware.com/frontend/rpa/activity?instanceID=d19d4b60-bee7-4204-85e8-7ddd9a5c9ac6>

Results

- Ok: 1
- Info: 0
- Minor: 0
- Major: 0
- Critical: 0

Description

Workflow targets

```

22 . Processing target: POD-2-SPOKE-1
23 . Watching Node
24 . Finding all cli related to the vendor # cisco and os # ios
25 . Matching action struct object per target
26 FINISH
27 . The following value has been assigned to variable dns by task wt-896ddbba-4f25-46ee-ac1b-57e641998907 (Config push):
28 . {
29 .   "69e2adc2-3412-4568-85e5-7b5666c8ae39": {
30 .     "state": "completeSuccess",
31 .     "successful": true,
32 .     "lastLogLineNum": 962
33 .   }
34 . }
35 . Task wt-896ddbba-4f25-46ee-ac1b-57e641998907 (Config push) completed processing
36 START
  
```

Monitor Workflow Activity with a Deep Level of Logging

TOP 5 NETWORK RPA USE CASES

- 1. Automated Incident Response and Remediation**
 Trigger workflows from alerts or Syslog events to gather state, validate configurations, remediate issues, and update ITSM tickets automatically.
- 2. End-to-End Change Automation**
 Orchestrate multi-step changes including configuration updates, validation checks, compliance audits, and post-change verification.
- 3. Integration with ITSM and CMDB Systems**
 Synchronize device inventory, configuration state, and lifecycle data with systems such as ServiceNow to maintain an accurate source of truth.
- 4. Compliance and Operational Validation Workflows**
 Run scheduled or event-driven workflows that assess device state, execute audits, and generate compliance reports.
- 5. Cross-Domain Automation Beyond the Network**
 Extend workflows to Linux hosts, Ansible playbooks, APIs, and cloud services to automate processes that span network and IT infrastructure.

Gluware Network RPA brings true process automation to network operations. By combining no-code workflow design, network-aware intelligence, and deep ecosystem integration, it enables enterprises to eliminate manual effort, reduce risk, and scale automation across complex multi-vendor environments.

Transform how your network operations run.

Visit gluware.com to learn more, or request a demo to see how Gluware Network RPA can automate your most critical operational workflows—end to end.



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