GluAPI

Give external systems a programmatic interface to invoke and coordinate Gluware automation processes.



Every new interface should not require another device integration layer.

Business applications and operational tools may need to initiate network automation without using the same interface as a network engineer. GluAPI exposes platform capabilities programmatically, allowing those systems to connect to the maintained automation stack.

CORE FUNCTIONALITY

Authenticate role-governed REST access

The RESTful GluAPI supports Basic Auth or OAuth 2.0. The caller's role and permissions govern the available endpoints and operations.

Invoke the documented operations

Programmatically manage devices and discovery, capture snapshots, run audit policies, or launch processes through the relevant API endpoints.

Connect external systems

Use the published REST endpoints to integrate applications with Gluware. API documentation: https://demo.gluware.com/api-docs/

> **Business contribution**
>
> Teams can connect automation to the applications and services used by the business while continuing to build on Gluware's underlying capabilities. Custom effort can address the application's requirements above the platform foundation.

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Functions, dependencies, and operating boundaries.

RELATED FUNCTIONS AND OPERATING SCOPE

Authentication and API documentation

GluAPI supports Basic Auth or OAuth 2.0. Explore endpoints, request parameters, and responses in the published API documentation.

Network RPA: process coordination

Connect targets, tasks, variables, conditions, scheduling, triggers, and notifications across Gluware applications and external systems. Each task uses its supported application or execution mechanism.

Config Model Editor: modeled provisioning

Validate the model, preview proposed differences, and provision the modeled configuration through declarative execution. Connected Preview reads the current device state without writing changes; provisioning is a separate operation.

> **Working with the wider platform**
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> GluAPI is the programmatic access layer. Device Manager owns device and inventory operations, Config Drift & Audit owns snapshot capture and audit policies, and Network RPA owns the process being launched. The API does not replace those functional components.

Supports: Cross-system orchestration; Network discovery; Process automation.