NetBox Integration

Synchronize mapped device and site properties between Gluware and NetBox, with configurable property ownership, linking rules, exclusions, and schedules.



The source of truth and the observed network need to work together.

Intended state in NetBox and discovered state in the network serve different purposes. When they are connected through manual reconciliation, automation can depend on information that has not been brought into the operating process. The Gluware integration connects those responsibilities without treating NetBox as the device execution layer.

CORE FUNCTIONALITY

Define record linking and mappings

Match devices between the systems and map properties, roles, types, sites, and supported custom fields. Configure how unmatched records are handled.

Set ownership and sync direction

Define which system supplies each mapped property. Bring NetBox-managed data into Gluware or update NetBox with Gluware-discovered information according to the configured rules.

Run or schedule synchronization

Set exclusions and sync schedules for devices and sites. Incorporate NetBox operations into broader processes where required.

> **Business contribution**
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> The team can connect fleet management and business-driven network changes to the source of truth it already uses. The integration supports a shared operating process while preserving the distinction between intended data and observed network state.

NetBox Integration

Functions, dependencies, and operating boundaries.

RELATED FUNCTIONS AND OPERATING SCOPE

Device Manager: discovered fleet information

Discover and inventory devices, inspect configuration and software state, and maintain the fleet information that network automation depends on.

Config Model Editor: modeled configuration

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.

Network RPA: wider processes

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

Working with the wider platform

The native NetBox integration synchronizes configured device and site data. NetBox can own intended properties, and Gluware can supply discovered properties, according to the mappings. Device Manager discovers the fleet; Config Model Editor provisions modeled configuration; Network RPA coordinates wider processes.

Supports: Network discovery & onboarding; Cross-system orchestration; Device inventory.