



Gluware® Device Manager

DISCOVER, INVENTORY, AND
CONTROL YOUR NETWORK
WITH PRECISION AND SCALE

PROBLEM

Modern enterprise networks span thousands of devices, dozens of vendors, and many operating systems. Manual discovery, incomplete inventory data, and fragmented tooling leave teams without a reliable Source of Truth, hinder compliance efforts, and increase security risk. Missing or outdated configuration backups further jeopardize business continuity during outages or device failures. Organizations need a precise, scalable, automated approach to knowing what's on their network, how it's configured, and where vulnerabilities exist.

SOLUTION

Gluware® Device Manager delivers intelligent, code-free network discovery, inventory management, configuration backup and restore, and lifecycle insights across large, complex, multi-vendor networks. It consolidates visibility, automates device onboarding, strengthens security posture through vulnerability and lifecycle intelligence, and provides high-fidelity network data that powers automation across the Gluware suite and external systems like NetBox and ServiceNow.



WHY GLUWARE DEVICE MANAGER IS DIFFERENT

Gluware Device Manager stands apart by offering deep visibility, high accuracy, and reliable automation **without requiring custom scripts or complex integration work**. It is purpose-built for large-scale, multi-vendor environments and seamlessly ties into the Gluware intelligent automation ecosystem.

Core Differentiators

- **Code-free, enterprise-grade discovery and inventory**
Auto-interrogate devices across 55+ OS platforms using built-in device intelligence libraries.
- **High-resolution discovery providing an accurate Source of Truth (SoT)**
Granular data — hardware model, OS, serial numbers, lifecycle status, vulnerabilities, and more — captured within minutes.
- **Integrated security and lifecycle intelligence**
Pulls Cisco Support API data (EoL/EoS, PSIRTs, SmartNet) and NIST CVE data for real-time risk visibility.
- **Automated backup and restore at scale**
Centrally manage configuration snapshots, track changes, and perform bulk configuration backups with the ability to restore.
- **Orchestration-powered scalability**
Built on Gluware's automation engine for rapid discovery and ad-hoc actions (including running show commands) across thousands of devices.
- **Seamless ecosystem integration**
Leverages Rest-based API integration using the GluAPI and CMDB sync with NetBox integration and ServiceNow.

The screenshot displays the Gluware Device Manager interface. At the top, it shows '3650 SW' and 'PODv2-3-mhaugh'. The main section is titled 'Advisory Summary' and contains a table of security advisories. Below this is the 'Device Explorer' section, which shows a table of managed devices.

Criticality	Advisory ID	Source	First Found	Title	First Fixed	CVEs
Critical	cisco-sa-iosxe-webui-privesc-j22SaA4z	Cisco	10/16/2023 3:00:00 PM	Multiple Vulnerabilities in Cisco IOS XE Software Web UI Fea...	16.12.10a,16.1...	CVE-2023-20198,CVE-2023-2...
High	cisco-sa-ikev1-NO2ccPWz	Cisco	3/27/2024 4:00:00 PM	Cisco IOS and IOS XE Software Internet Key Exchange Versi...	16.12.11	CVE-2024-20307,CVE-2024-...
High	cisco-sa-lisp-3gYXs3qP	Cisco	3/27/2024 4:00:00 PM	Cisco IOS and IOS XE Software Locator ID Separation Protoc...	16.12.10	CVE-2024-20311
High	cisco-sa-isis-sGjyOUHX	Cisco	3/27/2024 4:00:00 PM	Cisco IOS and IOS XE Software Intermediate System-to-Inte...	16.12.11	CVE-2024-20312
High	cisco-sa-ios-xe-sda-edge-dos-qZWuWX...	Cisco	3/27/2024 4:00:00 PM	Cisco IOS XE Software SD-Access Fabric Edge Node Denial ...	16.12.11	CVE-2024-20314
High	cisco-sa-ios-xe-l2tp-dos-eB5tuFmV	Cisco	9/27/2023 4:00:00 PM	Cisco IOS XE Software Layer 2 Tunneling Protocol Denial of ...	16.12.11	CVE-2023-20227
High	cisco-sa-mlre-H93FswRz	Cisco	9/27/2023 4:00:00 PM	Cisco IOS XE Software for ASR 1000 Series Aggregation Ser...	16.12.11	CVE-2023-20187
High	cisco-sa-webui-cmdij-FzAeXAY	Cisco	9/27/2023 4:00:00 PM	Cisco IOS XE Software Web UI Command Injection Vulnerabi...	16.12.10	CVE-2023-20231
High	cisco-sa-catalyst-dos-77A4Ch3e	Cisco	9/27/2023 4:00:00 PM	Cisco IOS XE Software for Catalyst 3650 and Catalyst 3850	16.12.10	CVE-2023-20033

Vendor	Access Status	Type	Name	Management State	Environment	Region	IP Address	OS	OS Version	Serial Number	SKUs
Check Point	✓	Gateway	Gateway	Managed	Production/Test	AMER	10.255.150.106	GaIA	R80.30	00:50:56:ad:ac:8c	VMware Virtual Plat
Cisco	✓	3650 SW	3650 SW	Managed	Production/Test	AMER	10.100.7.53	IOS/IOS XE	16.12.8	FD01926PIAF	WS-C3650-24TS-L
Cisco	✓	ASAv	ASAv	Managed	Production/Test	AMER	10.255.150.112	ASA	9.13(f)	9AK93TMFEDG	ASAv

Use Cisco Support and NIST API Integrations to View Vulnerabilities

FEATURES AND BENEFITS

Key Features

- **Automated Network and Device Discovery**
Real-time, scheduled, or workflow-driven discovery using IP subnets and/or , ARP/LLDP/CDP neighbor crawling.
- **High-Fidelity Inventory & Single Source of Truth**
Detailed device interrogation captures OS versions, serial numbers, models, interface data, and more. Search across all data, including captured configurations.
- **Configuration Backup & Restore**
Automated backups across thousands of devices with centralized history and one-click restore. Integrate backups into change management workflows in Network RPA.
- **Security, Compliance & Lifecycle Intelligence**
Cisco Support API and NIST CVE integration delivering contract status, advisories, vulnerability posture, and EoL/EoS insights on your device inventory.
- **Enterprise-Scale Operations**
Perform ad-hoc queries, reboots, and updates at scale; integrate into broader automation workflows using Network RPA.
- **API-Driven Extensibility**
REST-based GluAPI supports 3rd party integration.

The screenshot displays the Gluware Device Manager interface. The top navigation bar shows 'gluware | Device Manager' and a user profile 'PODv2-3-mhaugh'. The main content area is titled 'Device Details' and shows a sidebar with navigation options: Connection, Site, Discovery, Controller, Custom Fields, Components (selected), Configuration Drift, Configuration Audit, and Backup and Restore. The 'Components' section is expanded, showing a table of switchports and a table of power supply components.

ID	SKU	Version	Primary	Serial Number
1	WS-C3650-24TS-L	16.12.08	true	FD01926PIAF

Description	SKU	Serial Number	Path	Type
Switch 1 - Power Supply A	PWR-C2-250WAC	LIT19301A6Y	A	psu

At the bottom, the 'Device Explorer' table is visible, showing a list of devices with columns for Vendor, Access Status, Type, Name, Management State, Environment, Region, IP Address, OS, OS Version, Serial Number, and SKUs.

Vendor	Access Status	Type	Name	Management State	Environment	Region	IP Address	OS	OS Version	Serial Number	SKUs
Check Point	✓	Gateway	Gateway	Managed	Production/ Test	AMER	10.255.150.106	GAIA	R80.30	00:b0:b6:ad:ac:8c	VMware Virtual Plat
Cisco	✓	3650 SW	3650 SW	Managed	Production/Test	AMER	10.100.7.53	IOS/IOS XE	16.12.8	FD01926PIAF	WS-C3650-24TS-L

View Deep Levels of Device Details Captured, Including at the Component Level

Benefits

- **Build an accurate, trusted inventory fast**
Automate discovery and device interrogation to replace manual spreadsheets and outdated tools.
- **Strengthen security and compliance posture**
Gain visibility into vulnerabilities, lifecycle status, and rogue or unknown devices.
- **Ensure operational resilience**
Automated configuration backups and rapid restore capabilities reduce downtime and human error.
- **Scale network operations with confidence**
Discover and manage thousands of devices using a distributed and highly scalable platform.
- **Enable automation across the enterprise**
Provide a consistent Source of Truth to Gluware applications and third-party ecosystems.

TOP 5 DEVICE MANAGER USE CASES

- 1. Rapid Network Discovery & Onboarding**
Quickly identify and inventory devices across complex topologies using subnet scans and neighbor crawling (ARP, CDP, LLDP).
- 2. Building and Maintaining a Real-Time Source of Truth**
Capture accurate device attributes across 55+ OS platforms to support automation, audits, and planning.
- 3. Automated Configuration Backup & Restore**
Protect network configurations with scheduled backups and execute bulk restores to ensure operational continuity.
- 4. Security & Vulnerability Assessment**
Use Cisco Support API and NIST CVE data to evaluate risk, track PSIRTs, and prioritize upgrades or replacements.
- 5. Integration with Sources of Truth and Automation Ecosystems**
Sync authoritative inventory with ServiceNow, NetBox, and other systems via GluAPI for cross-platform accuracy.

DISCOVER, INVENTORY, AND CONTROL YOUR NETWORK INFRASTRUCTURE

Gluware Device Manager gives enterprises the visibility, automation, and intelligence needed to manage today's sprawling multi-vendor networks with precision and scale. By consolidating discovery, inventory, configuration management, and security insights into a single, code-free platform, it accelerates operational excellence and lays the foundation for advanced automation.

Transform how you discover, secure, and manage your network.

Visit gluware.com or request a demo to see how Device Manager can become your trusted Source of Truth and automation engine.

sales@gluware.com | gluware.com | 916.877.8224



500 Capitol Mall, Suite 2350 | Sacramento, CA 95814

© 2025 Gluware, Inc. All rights reserved.

All trademarks, service marks, and registered trademarks mentioned herein are the property of their respective owners.