gluware®
Intelligent Network Automation

GLUWARE
TOPOLOGY
Provides diagrams and documentation that move at the speed of your business.

Problem

Modern networks are complex and dynamic. New priorities, moves-adds-changes, optimizations, and outage fixes all contribute to an ever-changing network infrastructure. Manual methods of troubleshooting and documenting the network are error-prone, and diagrams are out of date as soon as they're produced. This means extended outages and costly audit remediations or regulatory actions.

How can you speed and simplify troubleshooting while keeping your network diagrams and documentation up to date?

Solution

Gluware Topology provides network diagramming and documentation that evolves with your network. Diagrams in Topology are automatically rendered and updated using Gluware's device and network discovery capabilities. Powered by an intelligent orchestration engine, Gluware Device Manager provides a comprehensive network discovery (using ARP/CDP/LLDP) along with device discovery to interrogate details including network relationships. Device details have been expanded to include site and location details, enabling hierarchical mapping from a global view down to a site or device specific view. Now you can focus on your strategic business and operational priorities, reducing troubleshooting and the manual toil of updating network diagrams.

Gluware Topology At a Glance

Leverage the network and device details captured by Gluware to create hierarchical visualizations of your network to view from a global level drilling down to each site and device.

- Visualize Your Network
- Generate Diagrams for Documentation
- Enhance and Accelerate Troubleshooting

Watch the
Demo

Benefits

Gluware Topology simplifies the management and troubleshooting of network infrastructure. It is designed to meet the needs of enterprises who are required by compliance and/or regulatory agencies to maintain documentation of the network, with the ability to export diagrams out in standard formats (including PDF and Visio).

Visualize your network

Gluware Topology provides a hierarchical view from a global level with drill-down ability into each tier. Zoom and pan to choose the level of detail to be displayed or exported. Hover and click on devices and links to see more details.

Generate site documentation

Gluware Topology displays discovered device information and allows you to create annotations for sites, devices, and links. Audits become simple, as Topology diagrams can be exported to Visio or PDF documents.

Enhance and accelerate troubleshooting

Gluware Topology includes visual aids such as colors that indicate device/connection status. Hover over a device or link for at-a-glance information. Search device names, MAC and IP addresses to easily locate them.

Visualize your network, generate diagrams, simplify troubleshooting

Use Cases

Visualize Your Network

Dynamically view your network as it is deployed.

Use case example: A financial services company needs to discover network devices after an acquisition. They must rely on spreadsheets and PDF diagrams to take over management of the network. Using Gluware device discovery and Topology, they can quickly identify the acquisition's devices and map out the network. Topology even displays some unidentified devices, allowing them to save time and expense from site surveys.

Site Documentation

Keep network diagrams up to date with fewer tools and resources.

Use case example: A global pharmaceutical company is required to maintain network diagrams for regulatory agencies. Their network undergoes rapid expansion and transformation with limited engineering personnel. The company incurred the cost of contractor technical writers to generate network diagrams in an endless cycle. Gluware Topology enables them to meet compliance requirements related to network documentation and reallocate investment for strategic programs.

Enhance Troubleshooting

Quickly identify problems through search and visual aids.

Use case example: A healthcare system is experiencing a network outage and is unable to identify the root cause. Using Gluware Topology, they can search for IP/MAC address conflicts or locate an unreachable device with Topology's color-coding, quickly diagnosing and remediating the problem.

Redact Sensitive Information

Display relevant network details without divulging sensitive data.

Use case example: A manufacturing company with multiple network solutions needs to share network information with a B2B partner to strengthen their business relationship. For security reasons, they must redact sensitive information such as IP addresses, VLAN identifiers, and device naming conventions. Gluware Topology allows them to select which elements are exported to Visio or PDF and which are redacted.

Gluware® Intelligent Automation Platform

Multi-vendor, multi-domain networks require three key attributes to deliver on today's scalability, reliability, complexity, and time-to-value requirements. New, out-of-the-box solutions must deliver rapid value, intelligence to handle complexity and simple customization.

Suite of Applications

Gluware provides a suite of applications to inventory, config drift monitor, config audit, automate OS upgrades, configuration manage, automate processes, generate topology and more. These out-of-the-box applications deliver rapid value and are easily customized with Gluware Lab low-code IDE.

Intelligent Orchestration Engine

The Gluware orchestration engine provides the underlying components to safely and securely manage CLI, API and Cloud systems at scale, across multi-vendor, multi-domain networks. The data-model driven system provides idempotent declarative provisioning for reliability.

Integrated Vendor Adapters

Gluware's integrated stack supports 40+ network operating systems across traditional (CLI), modern (API) and public Cloud domains. The semantic engine enables intelligent interaction to read and write with the native CLI/API/Cloud. The low code Gluware Lab IDE customizes abstractions, business logic and integrates with 3rd party systems.

![Gluware platform diagram showing CUSTOMER INPUT (IT OPERATIONS, POLICY & COMPLIANCE, INCIDENT MANAGEMENT & 3RD-PARTY APPS) flowing into GLUWARE CONTROL with Intent-Based Applications (DASHBOARD, DATA EXPLORER, NETWORK RPA, GLUWARE TOPOLOGY, DEVICE MANAGER, OS MANAGER, CONFIG DRIFT/AUDIT, CONFIG MODELING, WORKFLOWS), the Intelligent Orchestration Engine (Discovery & Closed-loop Verification, Intent-based Provisioning, CLI or API), and CUSTOMER NETWORK Physical or Virtual (CLI DOMAINS, API DOMAINS, CLOUD DOMAINS).]