

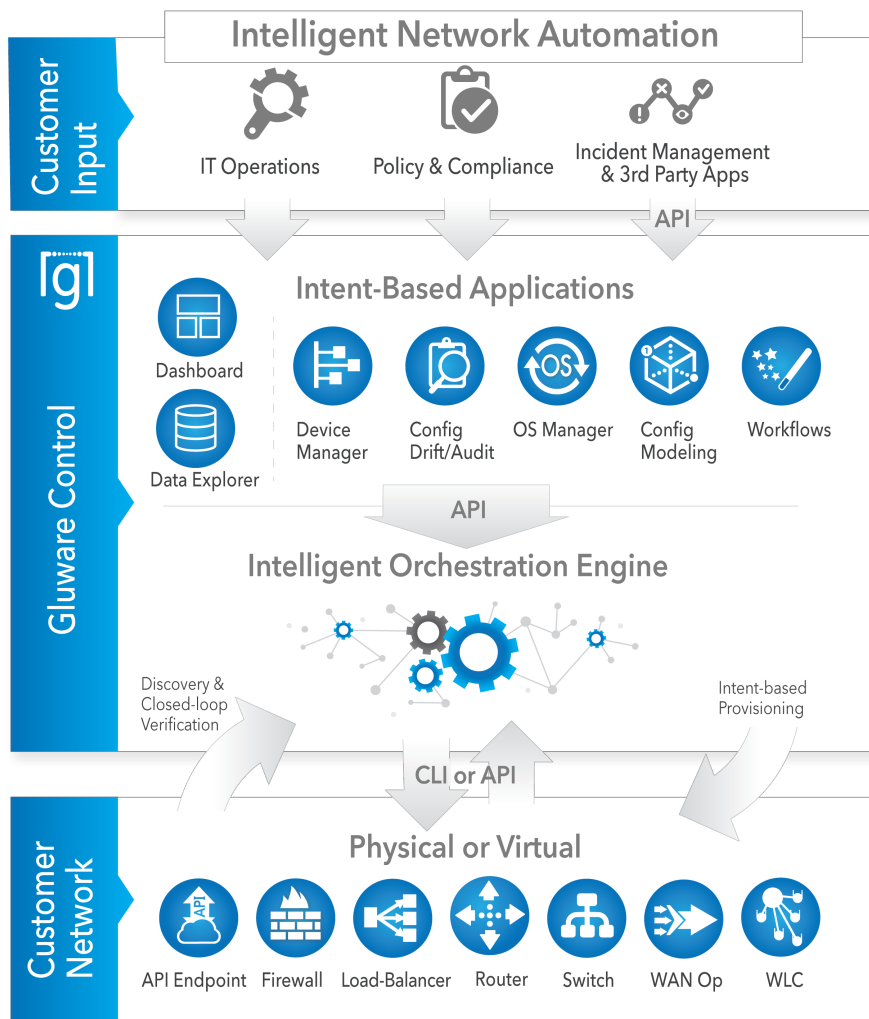
Data Explorer

Better Automation Results from Actionable, Data-driven Insights

As enterprise networks become more complex, IT teams need to both work faster and have better control of their network resources or they will face a number of downstream risks.

NetOps teams need granular visibility across entire enterprises to gain critical intelligence to accurately automate business intent with enough reach to orchestrate the entirety of a network - the old, the new and the future. This is important for achieving the sustained performance and security that can turn IT into a competitive advantage. Data Explorer offers unparalleled visibility into network data that enables NetOps teams to automate networks based on actionable, data-driven insights providing:

- Improved network security
- Optimized network performance
- Inventory and lifecycle management



What I found was a pre-packaged automation solution that allows our engineers to use the same CLI they are used to. Gluware allows them to use the same syntax, the same commands, and it will abstract that and build the automation that they need.



James Radford
VP of Operations, Mastercard

Improve network security

Data Explorer provides reporting to enhance network security with examples like viewing the operating system versions deployed in the network and seeing the related security advisories issued by the vendor. Users can also generate reports to see the operational state of ports and ensure the physical network is not vulnerable along with checking configuration parameters like Network Authentication Control (NAC) is enabled.

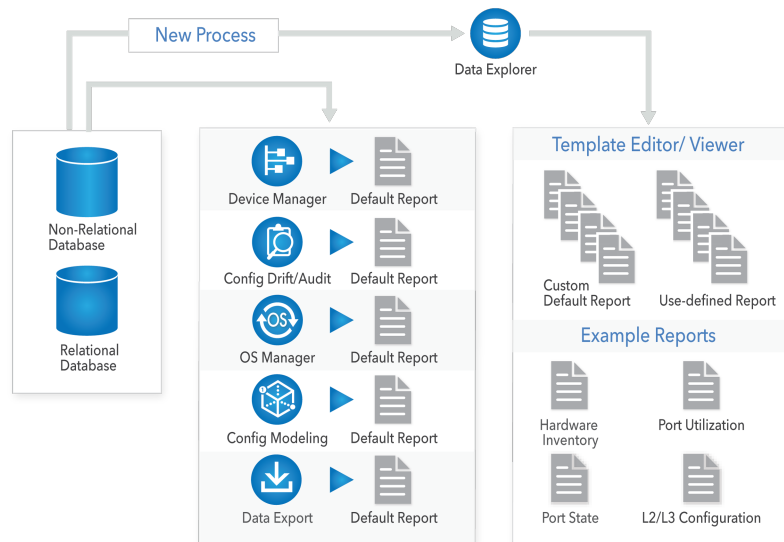
Optimize network performance

Sub-optimal performance is often caused by misconfigured or inconsistently configured devices. Data Explorer enables users to report on Port, L2 and L3 configuration and operational state and quickly identify any issues without going device by device. Incorrect operating system versions or licensing can also impact performance. Avoid these issues by generating periodic reports using Data Explorer.

Inventory and lifecycle management Generate detailed hardware inventory reports, license reports, port utilization and more giving NetOps the power to actively manage the deployment and lifecycle management as devices go End-of-Life/End-of-Sale and perform capacity planning.

Build Data Driven Insights

The Data Explorer solution is powered by direct access to the underlying databases within a user's Gluware instance. It provides the user access to all the underlying data from each solution and more, enabling them to create custom reports with the exact actionable insight they need from the underlying data. Using Data Explorer, users can build custom templates with access to data generated from each solution creating any hybrid of the data they need - like platform details along with audit results and OS upgrade information. Gluware interrogates the network for three key types of device platform data, configuration information and operational state data.



View results in the integrated report viewer, or generate reports from any solution including scheduled reports that email results in csv, JSON or PDF formats.

Use Cases

Example Data Explorer Reports

Detailed Hardware Inventory

Create custom reports including any required platform details all the way down to detailed levels including modules, fans, CFPs and more. Add vendor provided details related to EoX, PSIRTs, licensing and more.

Switch Port Status and Availability

Understand switch port utilization by generating regular reports with port status across your inventory.

IP Address and/or VLAN ID Allocation

Keep track of resources like IP addresses and VLAN IDs used in the network.

Reports with Combined Solution Data

Combine data from multiple Gluware solutions to include platform data, audit data, OS upgrade data and more.

Learn More 