

ScienceLogic & LogicVein: Integrated Network Change, Configuration, and Monitoring

How Can You Prevent 75% of Network Failures?

The industry has long accepted that roughly 75% of network failures are due to human error. People are fallible. Provisioning mistakes, changeover missteps, upgrade and data entry errors, maintenance and monitoring inaccuracies — and the largest culprit of them all, configuration errors, which account for a daunting 39% of network operations failures — cause three of every four network shutdowns.

How can you prevent this serious loss of productivity? Simple: take humans out of the equation with automated network monitoring and management.

The ScienceLogic Integration: Automated Monitoring and Insight Improves Service Level Management

The combined ScienceLogic and LogicVein solution takes monitoring automation to new heights. It provides application, network, server, and service oversight, with monitoring and alerting for network and configuration changes, all in real time.

ScienceLogic's intuitive, interactive dashboards expand LogicVein's capabilities, letting you see network performance in real-time. Armed with all the device and network data relative to any change, you have the opportunity to troubleshoot and remediate on the fly.

KEY BENEFITS

- **Instant:** Automated ticketing, alerting, and workflow combined with asset management, runbook automation, and monitoring provide for speedy resolution of any network issues.
- **Intelligent:** Ensure compliance by auto-discovering all of your physical and virtual devices and providing alerts if device configurations do not meet your specified compliance and security requirements.
- **Integrated:** Built-in, best practices based management templates operate on extensive metrics for availability, performance, usage, service levels, and more, ensuring you respond to the right network events at the right time.



Graphically displaying your network end-to-end and highlighting the findings determined by Net LineDancer, the ScienceLogic and LogicVein combined solution gives you total visibility and comprehensive control across all aspects of your infrastructure.

Together, these solutions ensure that the most common source of network failure — human error — is no longer a problem for you and your business.



This integration delivers:

- Automatic detection and alerting of network configuration changes
- Automated actions in response to routine network changes
- Zero-touch deployment of network devices
- Automated network configuration back-ups

About LogicVein's Net LineDancer

Net LineDancer (netLD) from LogicVein dramatically reduces the effects of human errors by automating network configuration and change management (NCCM). Designed to manage thousands of network devices using SmartBridge technology, netLD cuts costs by helping network engineers manage the configuration of network devices, such as routers and switches. Additionally, netLD provides inventory reports, the ability to browse properties, configuration comparisons, password changes, and automatic detection of configuration changes. It then reports these findings to the network manager server.

LOGICVEIN NET LINEDANCER'S FEATURES:

Configuration Management

- Scheduled and Real-Time Network Backups
- Historical Comparison
- Configuration Restore
- Configuration Differential Analysis
- Bulk Configuration Changes/Push
- I/OS Software Distribution

Change Management

- Standardized Change Tools like Password Change and VLAN Assignment.
- Scheduled and On-Demand Changes
- Routing and Neighbor Information
- Zero-Touch Provisioning

Inventory Management

Hardware Inventory

- Chassis, Slot, Card, and Power Supply Information
- Serial Numbers, FRU Part Numbers, Revision Numbers
- Inventory Reporting

Device Configuration Details

- OSPF, BGP, EIGRP, CDP, and NDP Routing Information
- ARP, MAC Address, IP Address Information