



A comprehensive network management and automation platform providing extensive, deep data collection.

### Key Features

- **Visibility**
  - Wide: Monitors all devices, manufacturers, models, and locations.
  - Deep: Captures complete device data ("Everything a device knows about itself").
  - Automatic data collection across all vendors is stored in a comprehensive data lake.
- **Relationship and Event Correlation**
  - Provides a deep understanding of interactions between devices and data.
  - Extends beyond root-cause analysis into predictive analytics to increase network availability
- **Unified Network Visibility:** Single, comprehensive view of all network devices.
- **Proactive Problem Detection and Automated Remediation:** Minimizes downtime and improves network stability.
- **Rapid Visibility to Emerging Issues**
- **Seamless Integration and Customization**
  - Turn-key implementation and expert engineering services, including custom automation and device configuration.
- **Security Hardening and Threat Detection**
  - Device password management
  - Security compliance auditing
  - Firmware/patch auditing
  - Configuration/change tracking
  - Device login tracking
  - Rogue device detection
  - Layer 2/3 network monitoring

### Data Collection Methods

- **Customized ICMP** (For Latency/Loss/Jitter)
- **SNMP Polling** (Simple Network Management Protocol)
- **SNMP Traps**
- **Syslog**
- **gRPC** (g Remote Procedure Call)
- **Web UI/SSH/Telnet Scraping**
- **TR-069** (Technical Report 069)
- **TL1** (Transaction Language 1)

### SCADA Features

- **Slow Pinger:** Monitors low-bandwidth networks without disrupting service.
  - Small data packets sent every 30 minutes.
  - Essential latency and loss data.
  - Ideal for wireless SCADA and mesh networks.
- **Monitors dataflows in low-speed networks.**
- **Detects asynchronous dataflows.**
- **Monitors traffic of individual IPsec policies.**

### Key Benefits

- **Superior Breadth and Depth**
  - Delivers wider and deeper network visibility than competitors.
  - Captures and presents more data for enhanced insights and improved uptime.
- **Maximized Data Value**
  - Automatically collects all available device data.
  - Eliminates blind spots and maximizes potential for actionable insights and AI-driven analysis.
- **Surpasses Manufacturer-Specific Management**
  - Extends beyond manufacturer tools with deeper diagnostics.
  - Monitors all equipment models and leverages expertise in MIBs, OIDs, and protocols.
- **Advanced Correlation and Relationship Modeling**
  - Comprehensive data lake enables extensive event correlation.
  - Accurate modeling of device relationships.
  - Uncovers complex issues invisible to other systems.
- **Unique Data Flow Monitoring**
  - Provides visibility into data flows at OSI layers 1-5.
  - Detailed analysis of VPNs (data volume, policies, VLANs, MPLS, IPSEC, SDN).
- **Unparalleled Third-Party System Integration**
  - Integrates seamlessly with diverse third-party systems through APIs and direct database connections.
  - Enhances interoperability, metadata, and data sharing.