

About IPsonar® and Lumeta®

Lumeta empowers large enterprise and government agencies with global network visibility, allowing them to understand how network change affects security, availability, and compliance.

Lumeta spun out of Bell Labs in 2000 to help corporate and government enterprises achieve global network visibility. Built on technology originally used to map the Internet, our legacy of innovation continues today with our IPsonar network assurance solution.

Lumeta's IPsonar is the industry's only network assurance solution that discovers and maps every asset on a network, including assets not currently under management. This capability enables IT professionals to analyze the connectivity between assets and networks, uncover risk patterns, and automate the enforcement of network policies.

With this level of network assurance, IT organizations can harden security, improve business continuity, and deploy new services without impacting its ability to deliver existing services.

*Lumeta's network assurance data helps clients measure the impact of change and mitigate the risk and cost of major business IT change initiatives. **Even in the best-run networks, Lumeta has found that administrators are unaware of as much as one-fifth of their actual network**, a severe lack of visibility that could seriously hamper initiatives such as New Application Deployments, Vulnerability Management & Incident Response Programs, M&A and Network Consolidation, Security Policy Compliance & Audit Programs, and Current and Planned OS & Infrastructure Updates, Asset Management and CMDB rollouts.*

To find out how to start your way on the road to Global Network Visibility contact Lumeta at +1.732.357.3500 or visit www.lumeta.com/contact.

www.lumeta.com



The Lumeta Network Assurance Survey

The Lumeta Network Assurance Survey consists of a complimentary IPsonar network scan and a presentation of findings based on the Lumeta Network Index—Lumeta's Network Risk Scorecard. The network survey enables customers and prospects to understand the unique value proposition of IPsonar in the context of their IT infrastructure and business requirements, so they can make a rapid and informed buying decision. The Lumeta Network Assurance Survey requires little investment of the client's time and results are produced in about a week. At the conclusion of the findings presentation, clients will appreciate how IPsonar creates global network visibility by producing an accurate network baseline and a full picture of network connectivity.

The Lumeta Network Assurance Survey will demonstrate how clients can leverage IPsonar data to address a range of dynamic business and IT challenges, including:

- ▶ Policy Compliance & Audit
- ▶ M&A and Network Consolidation
- ▶ TIC mandate & Network transition
- ▶ Network Change
- ▶ Asset Management
- ▶ Gaps in security architecture
- ▶ Network Optimization
- ▶ Network Risk Management

The Lumeta Network Assurance Survey validates the unique benefits of IPsonar as part of a comprehensive network infrastructure and risk management strategy. The network survey also provides a sample of next steps a client's organization can take based on the results to eliminate unbudgeted operational expenses, reduce remediation costs, and prevent business losses.

During a Lumeta Network Assurance Survey, Lumeta consultants will provide pre-sales support and work with the client to define the scope and evaluation criteria for the final deliverable based on the client's infrastructure, network and risk management processes, and business landscape. The Lumeta consultants will handle all configurations, conduct the scan, and analyze the objective set of network facts that IPsonar produces. The final Lumeta Network Assurance Survey deliverable includes a sampling of the results of the IPsonar scan in a key findings report, and the executive summary of the Lumeta Network Index™ (LNI) risk scorecard. The LNI provides clients with an overall risk score based on analysis of four key network risk factors measured by IPsonar— Network Topology, Network Address Space, Network Leaks, and Device Fingerprints. High-level network maps are often used to support findings and highlight the power of IPsonar's underlying data and visualization capabilities.

A baseline of a portion of the client's network is generated and potential vulnerabilities are pinpointed during the survey process in two key steps:

- ▶ **IP Address Space Validation** - A lightweight IPsonar scan is administered to determine actual address space usage and reach. Initial anomalies are reviewed for scan optimization.
- ▶ **Network and Device Assessment** – IPsonar tests the perimeter, internally routed space, filtering/ACLs, routing loops, and SNMP management strength. Once this is completed, address population, transport layer hardening, leaks, wireless base stations, filtering/ACLs, and broadcasters are all tested.

Get global network visibility with IPsonar, the industry's only product that:

- ▶ Provides visibility into everything on the network
- ▶ Reports on network leaks that represent policy violations
- ▶ Measures risk from a network perspective
- ▶ Finds rogue wireless devices that leak