Flowmon
Driving Network Visibility

GARLAND
T E C H N O L O G Y
See every bit, byte, and packet™

JOINT
SOLUTION
BRIEF

Flowmon Networks and Garland Technology join forces to bring a comprehensive network & application performance analytics and security solution for both cloud and hybrid environments. Applications running in the pubic cloud are monitored in the exact same way as they would be in the on-premise world.

CHALLENGES IN THE CLOUD AGE

As the nervous system of every modern organization, business-critical applications are expected to perform at consistent quality. Service delays and application unavailability degrade user experience and customer satisfaction, which interferes with the fulfilment of business goals and harms company reputation. That is why businesses need to see what is happening in the network traffic if they wish to respond before they suffer financial consequences.

When enterprises move their infrastructure into the cloud, they struggle with obtaining sufficiently detailed network insight. Mainly, they lack a compact overview of user experience telemetry that allows them to instantly distinguish between problems originating in the network as opposed to application.

Garland helps Flowmon's customers to get mirrored traffic data in environments where traditional L2 tapping simply doesn't work. Thanks to Garland, Flowmon monitors both cloud and on-premise worlds, providing instant insight that's necessary to resolve network performance issues, identify opportunities for optimization and ensure that infrastructure across the different environments supports business-critical services.

CLOUD UNDER CONTROL

Performance issues, unavailability of critical applications and security breaches cause financial loss, reputation damage, employee dissatisfaction and churn of customers. But thanks to the joint solution of Flowmon and Garland, the cloud is no longer a black box.

- **Analyze** - Analysis of critical services improves the performance of business applications, improving user experience.
- **Preserve Business Continuity** - Operational and configuration issues are detected and identified immediately, providing better protection against both external and internal security threats.
- **Reduce MTTR** - Quick troubleshooting and ticket resolution for network and security administrators.
- **Get Evidence** - Decisive action with a single source of truth for both cloud and physical infrastructure.

BENEFITS

Cloud Traffic Visibility
Garland acquires network telemetry data and supplies it to Flowmon's NPMD solution

VTAP orchestration
Centralized orchestration of Garland vTAPs, native cloud vTAPs, cloud firewalls and cloud workloads including VMs and containers.

Comprehensive NPMD toolset
Network Performance Monitoring and Diagnostics tools for IT operations – built-in functionality of the Flowmon solution available out of the box for all users

Security extensions available
Optional extension module for Network Behavior Analysis to reveal malicious activities in the network

" *Flowmon is a cost-efficient, flow-oriented NPMD tool that aims to meet the most demanding of performance and scalability requirements.*
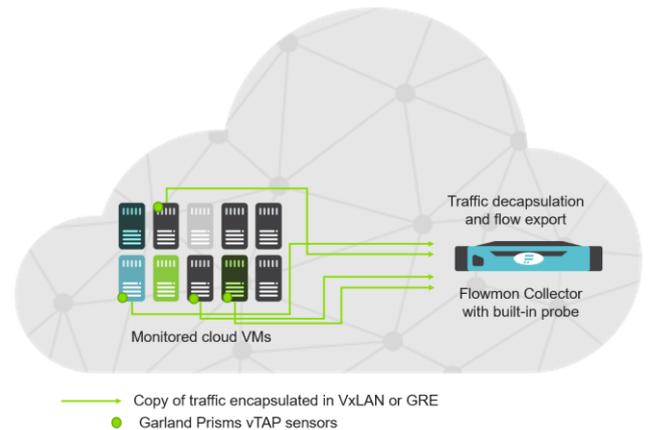
Gartner. "

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JOINT SOLUTION

Flowmon and Garland turn cloud-based infrastructure into a transparent environment, enabling effective monitoring of user experience. Flowmon provides powerful analytics while Garland ensures access to either raw network or telemetry data.

Garland Prisms taps, filters and distributes cloud packet traffic to Flowmon Collector equipped with a built-in probe for flow generation. Flowmon's DPI engine enriches traditional flow telemetry with L7 items (HTTP/S, DNS, TLS, DHCP, VoIP and more) to bring immediate insight, reporting and analytics on specific application protocols. The Collector is typically deployed in-cloud from AWS or Azure Marketplaces.

Garland Prisms can send tapped traffic to Flowmon encapsulated in VXLAN or GRE tunnels. Configuration is as simple as setting the destination IP for mirrored traffic and decapsulation method on the Collector.

Traffic decapsulation and flow export

Flowmon Collector with built-in probe

Monitored cloud VMs

→ Copy of traffic encapsulated in VxLAN or GRE
● Garland Prisms vTAP sensors

GARLAND TECHNOLOGY

Designing the industry's first bypass test access point (TAP) is just one of the many benchmarks for success, and since 2011, Garland Technology has accelerated research and development, alongside a commitment to product evolution and quality, to become the leader for the industry's most reliable test access point (TAP) and packet broker solutions.

Garland Technology ensures complete 360° network visibility thanks to its TAP to Tool™ Architecture in addition to a full platform of other network access products, which are simple to use, highly modular and flexible, not to mention limitlessly scalable.

The US-headquartered Garland is dedicated to high standards in quality and reliability, while delivering the most economical solutions for enterprise, service providers and government agencies worldwide.

www.garlandtechnology.com

FLOWMON NETWORKS

Flowmon Networks empowers businesses to manage and secure their computer networks with confidence. With our high-performance network monitoring technology and lean-forward behavior analytics, IT professionals worldwide benefit from absolute network traffic visibility to enhance network & application performance and deal with modern cyber threats. Driven by a passion for technology, Flowmon Networks leads the way of NetFlow/IPFIX network monitoring that is high performing, scalable and easy to use. The world's largest businesses, internet service providers, government entities or even small and midsize companies rely on Flowmon for control over their networks, maintain order and eliminate uncertainty. The Flowmon solution is recognized by Gartner, recommended by Cisco, Check Point and IBM, making it one of the fastest-growing companies in the industry.

www.flowmon.com