

## Case Study:

# Gigamon Extends Reach of Legacy Network Monitoring Tools for Canadian Financial Services Firm

### Challenge

- Provide complete coverage of network with limited number of existing probes

### Solution

- GigaVUE data access switch from Gigamon

### Benefits

- Aggregate, filter, and distribute data as needed
- Monitor broader extent of network more effectively with existing tools
- Provide immediate return on investment

*“GigaVUE extends total visibility across the entire network, allowing any monitoring tool to be connected to any data source at any speed at any time”*

-Patrick Leong  
Chief Technical Officer  
Gigamon

Headquartered in Canada, this firm is one of North America’s leading diversified financial services companies and among the largest banks in the world. It provides personal and commercial banking, wealth management services, insurance, corporate and investment banking, and transaction processing services on a global basis.

### Challenge

The telecommunications department of this large financial institution was tasked with monitoring the network to ensure an acceptable level of performance. With finite resources, excessive or improper use by employees could degrade service and negatively impact productivity.

The Telecommunications group had invested in costly probes to identify top talkers and other misuse, but these tools could only view part of the network at any given time. Technicians had to physically unplug and move tools from one TAP or SPAN port to another. That necessitated change orders and scheduling during off hours, slowing the group’s agility and flexibility to monitor effectively.

Purchasing costly additional probes was not an option. Neither was regeneration and aggregation TAPs, which was also a costly solution requiring multiple, loosely integrated and inflexible devices that would be complicated to manage.

What the Telecommunications group needed was a way to aggregate and filter any traffic from any part of the network at any time and send it to one or more of the existing monitoring tools.

### Solution

Convinced that a solution existed, the Telecommunications team searched the market, eventually learning of the GigaVUE data access switch from Gigamon. GigaVUE streamlines the deployment and use of multiple network monitoring tools in data center networks, providing aggregation, replication, and filtering of critical network traffic. GigaVUE enables full network visibility to all categories of passive monitoring tools.

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A demo of the GigaVUE quickly convinced the team that they had found precisely what they needed. They soon made the decision to deploy 14 GigaVUE-420 4-port, 10-Gbps data access switches in domestic data centers and several international sites. Gigamon helped the Telecommunications team pre-configure the GigaVUE switches. When delivered, staff simply had to plug them in. The solution was up and running smoothly within minutes.

### **Benefits**

The GigaVUE data access switches aggregate and filter multiple 10G links to multiple tools. Technicians can now monitor the entire network full time without purchasing additional tools or physically plugging and unplugging tools to monitor different spans. The resulting savings provide an immediate return on investment.

The need for change management and scheduling maintenance windows during non-business hours has been nearly eliminated. Technicians reconfigure the GigaVUE through an intuitive, easy-to-use graphical user interface to instantly route the desired data to the desired tool. GigaVUE intelligently performs moderately complex filtering based on multiple IP addresses at full line rate. GigaVUE enables technicians to direct specific traffic to a centralized set of tools, which are more easily managed than trying to coordinate data patterns from a variety of distributed tools.

GigaVUE has given technical staff the power to aggregate and filter any traffic from any part of the network at any time and send it to one or more of the existing monitoring tools. Monitoring is performed in real time, increasing operational efficiencies and better utilizing existing investments in legacy tools.

### **About Gigamon**

Gigamon delivers intelligent data access solutions to enhance monitoring of service provider and enterprise data centers. The company's world-renowned GigaVUE® "orange boxes" aggregate, filter and replicate customized data streams to all monitoring tools. Gigamon pioneered technology for multi-tool environments to address new demands for reporting and analyzing organizational data. Now in its third generation with global deployments in more than 40 countries and 90 percent market share for intelligent data access, Gigamon's GigaVUE platform is the only proven, fully-integrated, total solution for all data access needs. Gigamon's patented technology enables companies to realize day one ROI by increasing tool value and operational efficiencies. GigaVUE ensures seamless and controlled delivery of the right data at the right time to the right tools. Organizations deploying Gigamon solutions achieve greater uptime, reduce threat vulnerability and improve regulatory compliance.

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