Corvil

GLOBAL BANK IMPROVES PACKET CAPTURE TCO AND LAYS FOUNDATION FOR ANALYTICS

60K+	GLOBAL FINANCIAL SERVICES FIRM	+$35B
EMPLOYEES IN 40 COUNTRIES	PROVIDING INVESTMENT BANKING, SECURITIES, WEALTH MANAGEMENT AND INVESTMENT MANAGEMENT SERVICES	IN REVENUE

CHALLENGE

Siloed Capture Products Complicated Network and Security Management

As the firm upgraded its core network for 100G and rearchitected its datacenter and branch connectivity to boost performance and improve network security, it desired to streamline its packet capture investment. The firm sought to resolve several operational challenges:

- Complexity of multi-vendor packet capture products increasing ongoing maintenance costs

- Limited ability of existing capture products to measure the performance impact of the dramatic increase in 40G firewalls, load balancers, and other in-line devices being deployed as part of the new security-focused datacenter architecture

- Limited ability to adapt to changing capture and analytics needs at individual branches

SOLUTION

Consolidation to a Single Network Capture Architecture Supporting Modular Analytics Upgrades

Deployed across 75+ locations with centralized management for enterprise network capture , Corvil replaced FireEye (formerly nPulse), Endace and other implementations that were unable to satisfy new architectural and strategic analytics requirements. Delivering higher capture and storage compression rates as well as laying the foundation for network analytics, Corvil provided:

- Standardized capture devices across new network architecture, simplifying deployment, regulatory certification, and ongoing maintenance

- Intuitive access to packet captures, capture analytics, visual drill-downs, filtering, indexed search and single-click access that minimized manual analysis time and effort

- Improved data quality assurance by detecting upstream packet drops and overloaded SPAN sessions

- Streaming packet compression that maximized disk storage capacity up to 3 times over competitive products

- IT Operations analytics at the edge for selected branch locations to improve application and service assurance

- Ability to measure the precise directional latency through load balancers, firewalls, and other applications and devices, providing an understanding of the actual performance impact of each device on user experience

- Streamlined, modular analytics upgrade path for deployed capture appliances

RESULTS

Improved Capture TCO, ROI and Deployment Flexibility

⬇ Number of supported capture vendors by 75%

⬇ Number of required capture appliances by 50%

⬇ Operational and maintenance costs

⬆ Staff productivity

⬆ Deployment flexibility for future analytics