

Mobile Device Manufacturer Chooses INTELLASTORE® for Distributed Intelligent Network Monitoring



Case Study

A leading global mobile device manufacturer faced the challenge of monitoring multiple data center locations owned by different internal stakeholder groups. Local and centralized network monitoring was important. By deploying APCON's INTELLASTORE product at each location, this company was able to satisfy local network monitoring requirements, efficiently utilize the network monitoring tools, and utilize remote access to centrally manage all network monitoring. APCON's multi-switch management software then helped tie all these locations together in a unified monitoring system. All of this was achieved at a significant price benefit over competing local deployment solutions.



INTELLASTORE BENEFITS

- **Flexible Analysis of Multiple Sites**
One INTELLASTORE at each site allows local analysis or transfer to central analysis point
- **Easy Web-Based Configuration and Setup**
INTELLASTORE's web-based graphical user interface allows remote manipulation of data sources, aggregations, data storage, and analysis
- **Increase Tool Usage and Allocation**
INTELLASTORE's aggregation and 10G transfer capability allows multiple remote sites to share scarce tool resources
- **Increase Network Visibility**
Versatile INTELLASTORE can analyze network data on the switch or transfer for central analysis
- **Lower Cost of Data Analysis**
Several INTELLASTORE devices can be purchased for the price of a single 10G analyzer, and all tools work smoothly with APCON switches

Challenge – Globally Distributed Environment

One particular challenge faced by modern data center architects is how to monitor multiple remote locations, especially when those locations are physically controlled by another organization. This scenario, where portions of a company's intranet are made accessible to partners or outsiders, is known as an extranet relationship. Extranet access poses particular challenges for network monitoring systems because of the lack of physical control of all assets.

At each of the eight worldwide locations, this virtual distributed network has monitoring data sources from one of more of the following sources: laboratory systems, partner portals, the company's trusted extranet, and public Internet access. The monitoring tools used to analyze these data sources consisted of a single shared Infinistream® data recorder, a FireEye security device, and an ExtraHop application performance monitoring device.

The challenge facing the company was daunting – how to simultaneously collect data from sources on four different continents while routing the data to a single location for comprehensive analysis without sacrificing network visibility in any location.

Solution – APCON Intelligent Network Monitoring

This company required a cost-effective solution to their global network monitoring needs. APCON's INTELLASTORE intelligent monitoring switch with on-board data storage and analysis was a perfect fit. INTELLASTORE allows the company to place a single device at each location that can either aggregate multiple data sources and transfer that data to the central analysis point, or the data can be analyzed directly on each switch using INTELLASTORE's web-based graphical user interface. Remote access over a standard secure HTTP connection solved the challenge of widely distributed sites with limited physical access.



Remote Global Locations with INTELLASTORE Switches



North American Headquarters with TITAN EP Multi-Switch Management Software

This company needed to monitor 8 remote sites under the physical control of business partners. APCON's INTELLASTORE technology combined with TITAN EP multi-switch management software gave this customer the ability to capture data at each location and analyze that data over a web-based connection, or to aggregate and transfer the data to a central monitoring location.

For pinpoint accuracy, each INTELLASTORE switch can also be accessed remotely, and comes equipped with 1.5TB of onboard storage, and an embedded copy of the popular Wireshark® open source packet analyzer software.

INTELLASTORE supports flexible deployments and can easily scale and keep pace with the data center growth. So as future network monitoring needs grow at any site, these INTELLASTORE switches can be upgraded to APCON's larger chassis INTELLAPATCH Series 3000, or additional INTELLASTORE switches can be added at new sites. Plus, every port on every INTELLASTORE is enabled and ready to use at the company's convenience. APCON enables all ports and

features, eliminating per-port licensing. Finally, all of these globally distributed switches can be managed from a central location through APCON's unique TITAN EP multi-switch management software.

Results – Affordable, Scalable, Distributed Network Monitoring

APCON Intelligent network monitoring serves the needs of enterprise data centers. APCON is helping this company secure its global presence for partners and the public, while generating a substantial ROI over solutions that require multiple instances of expensive monitoring tools. What can APCON do to improve your network monitoring?



Contact Us

Please email sales@apcon.com if you have any questions

ABOUT APCON

APCON develops innovative, scalable technology solutions to enhance network monitoring, support IT traffic analysis, and streamline IT network management and security. APCON is the industry leader for state-of-the-art IT data aggregation, filtering, and network switching products, as well as leading-edge management-

software support. Organizations in over 50 countries depend on APCON network infrastructure solutions. Customers include Global Fortune 500 companies, banks and financial services institutions, telecommunication service providers, government and military, and computer equipment manufacturers.