



EXECUTIVE SUMMARY

Partner Designation:

- Technology Developer Partner

Associated Cisco Solution:

- Cisco Open Platform for Safety and Security

Customer Benefits:

- Increased quality of sensor information and enhanced browser-based monitoring
- Decreased costs for sensor integration and operation, with support for any network-attached sensor
- Automated response to alert conditions
- Decreased network bandwidth
- Scalability, for more sensors, sites, and policies

Targeted Industries:

Local, state, and federal governments and commercial groups including:

- PCIM physical security
- Critical infrastructure protection
- Environmental
- Transportation

Geographical Regions Served:

- Global

ViaLogy® SPM™ Sensor Policy Manager™

Partner Overview

ViaLogy was founded in 1999 as a spin-off of the National Aeronautics and Space Administration (NASA) Jet Propulsion Laboratories operated by the California Institute of Technology. The company markets its products to systems integrators and to government and enterprise organizations. Customers include defense agencies, enterprise operations, and oil and gas organizations concerned with integrated security, safety, business continuity, and surveillance.

Partner Solution Description

Sensors have become ubiquitous and indispensable for government organizations and enterprises. Now organizations are beginning to upgrade their ad hoc collections of sensors into sensor networks that provide higher performance, actionable information, and global reach. ViaLogy is a world leader in solutions for rapidly creating policy-driven, IP-based sensor networks and enhancing their value with unique sensor-interoperability and signal-processing techniques.

ViaLogy's flagship product, SPM™ Sensor Policy Manager™, combines inputs from multiple networked sensors to provide a complete, real-time operational picture and reduce false positives and negatives. Unlike sensor-management solutions that work only with limited numbers and types of sensors, ViaLogy SPM software fuses and normalizes the inputs from any network-integrated sensor, from any manufacturer, and makes the information available in a distributed manner, from any web browser. Adding a new sensor takes just a few mouse clicks, and you can add support for a new type of sensor in 72 hours, a breakthrough compared to the weeks or months that manual integration efforts require.

ViaLogy SPM triggers real-time actions in response to sensor inputs, thereby improving responsiveness. Customers use a simple, secure web browser interface to generate user-defined policies to associate sensor conditions with actions such as notifying emergency personnel.

Core Components of the Partner Solution

- SPM: A unified IPv4/IPv6 net-centric platform for secure sensor integration, fusion, and standards-based interoperability, and a comprehensive toolkit for deploying autonomous or operator-mediated solutions.
- SPM Edge™: Small-footprint software policy engine that pushes sensor integration, aggregation, and fusion to the network edge; it provides scalable security, manageability, and quality of service for seamless mobility and sensor processing in wired and wireless environments.
- SPML™: Markup language and embedded smart compiler for developing, validating, distributing, deploying, and managing sensor policies.
- SensorAdaptors: Ready-to-use embedded software for centralized and distributed integration of physical security; chemical, biological, radiological, nuclear, and explosive sensors; access control; building automation controls sensor data; and events over IP and legacy protocols.
- MicroSPM™: High-performance digital signal processor-based hardware platform for deploying sensor policies in firmware for mission-critical edge processing; optimized for high-definition video processing and analytics.
- Sensor Data Archive Server (SDAS): Network-attached archival software server for logging, archiving, and distributing event-based sensor data.

Related Cisco Products

ViaLogy solutions take advantage of the Cisco Open Platform for Safety and Security and integrate several Cisco solutions, including:

- Digital Media Player (digital signage, multimedia management, instant messaging, Enterprise TV, and desktop video applications)
- Video Surveillance Operations Manager Software
- 2800/3800 Video Monitoring and Storage System Network Module
- Video Surveillance Stream Manager Software
- Video Surveillance IP Gateways
- IP Interoperability and Collaboration System
- 3200 Series Routers

Related Partner Information

- Case Study: "Title," www.vialogy.XXXX [provide links for each]
- Case Study: "Title"
- White Paper: "Title"
- Presentation: "Title"

For More Information

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