

VIALOGY®

Sensor Policy Manager™

SPM® Data Sheet

PSIM Overview

CBRNE

Environmental Monitoring

Campus Security

Defense

Internet Protocol (IP)-based software sensor policy framework for rapid event detection, analysis, response management and notification

- **Network-centric Approach**

Reduce sensor integration costs by rapidly integrating inputs from any network-connected sensor, including visible/infrared cameras, physical security sensors, CBRNE (chemical, biological, radiation, nuclear, explosive) detectors, RFID, radar, building management system, and biometric sensors.

- **Sensor Interoperability**

Increase the quality of sensor information by fusing inputs from a wide range of IP-enabled legacy sensors in real-time — to reduce costly false alarms and missed events.

- **Easy Integration of New Sensors**

Scale cost-effectively to accommodate an unlimited number of sensors of any type, new sites, and new policies.

- **Automated, Policy-based Response**

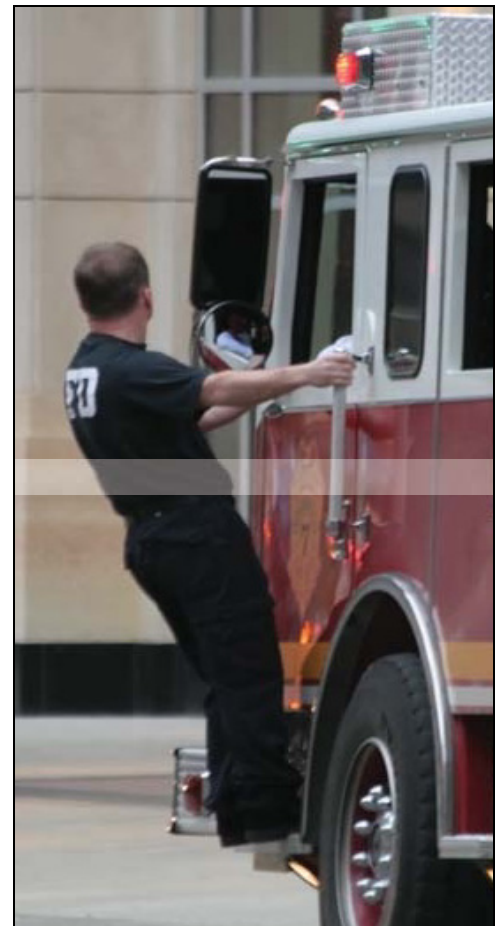
Respond automatically to alert conditions by executing customer-defined actions, including notifying personnel using voice, Short Message Service (SMS), and e-mail. Automated notification reduces operational costs and human error.

- **Video Processing at Network Edge**

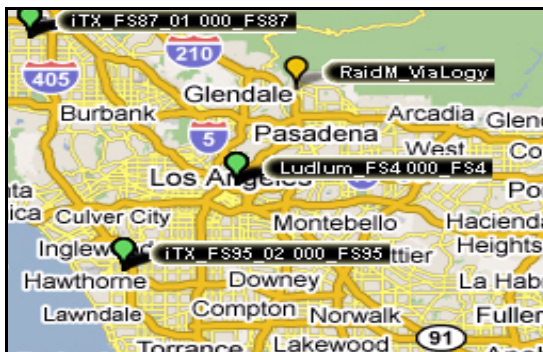
Conserve network bandwidth by processing high-volume sensor data, including video, at the edge of the network.

- **Standards Compliance**

Extend life of investment through use of open standards and compatibility with both IPv6 and IPv4 addressing. ViaLog SPM® is certified by the National Incident Management System (NIMS) as compliant with the Organization for the Advancement of Structured Information Standards (OASIS) Common Alerting Protocol (CAP) 1.1 standard.



Applications



- Access Control
- Airport Security
- Biosurveillance
- Border Security
- Campus Security
- CBRNE
- Defense
- Entertainment Venues
- Environmental Monitoring
- Force Protection
- Harbor Security
- Integrated Physical Security
- Perimeter Security
- Single-point Authentication

Versions/Packages

SPM™ 1.2 or later		SPM-R2000	Medium Business
SPM-R1	Starter Pack	SPM-R8000	Enterprise
SPM-R1000	Small Business	SPM Edge-R100	SPM Edge™

Associated Servers

SPM-SDAS-DB2	Sensor data archive server software	SPM-CBRNE-MS	Embedded CBRNE models
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Sensor Adapter Categories

SPM-SDX-CHEM	Chemical	SPM-SDX-VOIP	Voice-over-IP
SPM-SDX-BIO	Biological	SPM-SDX-CAP	CAP 1.1
SPM-SDX-RAD	Radiological	SPM-SDX-BIOM	Biometric ID
SPM-SDX-NUC	Nuclear isotope	SPM-SDX-LDAP	LDAP protocol
SPM-SDX-RDR	Radar	SPM-SDX-ICD100	SEIWG protocol
SPM-SDX-EMSE	Seismic	SPM-SDX-FLIR	Thermal Imaging
SPM-SDX-SNMP	SNMP protocol	SPM-video	Video (pass-through)
SPM-SDX-BMS	Building Management	SPM-SDX-MET	Real-time weather
SPM-SDX-SIGN	Digital Signage	SPM-SDX-SOAP	SOAP protocol
SPM-SDX-RTLS	Location-based services	SPM-SDX-RFID	RFID

* Custom sensor adapters available upon request

Minimum Operating System Requirements

SPM 1.1 or earlier	Red Hat Enterprise Linux 4 (RHEL4 ES)	Jboss Application Server EAP 4.3
SPM 1.2 or later	Red Hat Enterprise Linux 5 (RHEL5)	DB2 Express C
		JDK 1.6

* Includes license key for Google Map Premier Edition

Minimum Hardware Requirements

2.0 GHz Xeon-class server	80 GB Hard drive storage
4 GB RAM	1 Gigabit Ethernet NIC

Recommended SPM Server

3.2 GHz Quad-core Xeon server	160 GB x 4 Hard drive in RAID
4 GB 533 MHz DDR2 RAM	2 Gigabit Ethernet NIC

Standard Communication Protocols

CAP 1.1 XML	HTTP/S	SMPP	SMTP
IPv4 and IPv6 ready	JMS	SNMP	SNMP V1/V2
LDAP (secure)	Lenel DataConduIT (WMI)	SOAP	TCP/IP
Modbus RTU	Modbus TCP/IP	Telnet	UDP
RS232/485/422	SensorML	XML RPC	

Contact Information

To learn more about the ViaLogy SPM® software solution, e-mail sales@vialogy.com or call (626) 768-2585 (U.S. headquarters) or +44 (0) 207 869 7014 (European headquarters).

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