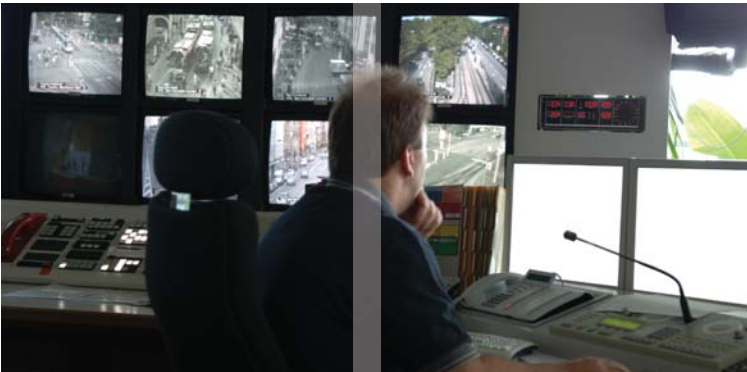


VIALOGY®



MicroSPM™

Network processing node for high-resolution digital video analytics, with Gigabit Ethernet connectivity and IPv4/IPv6 support

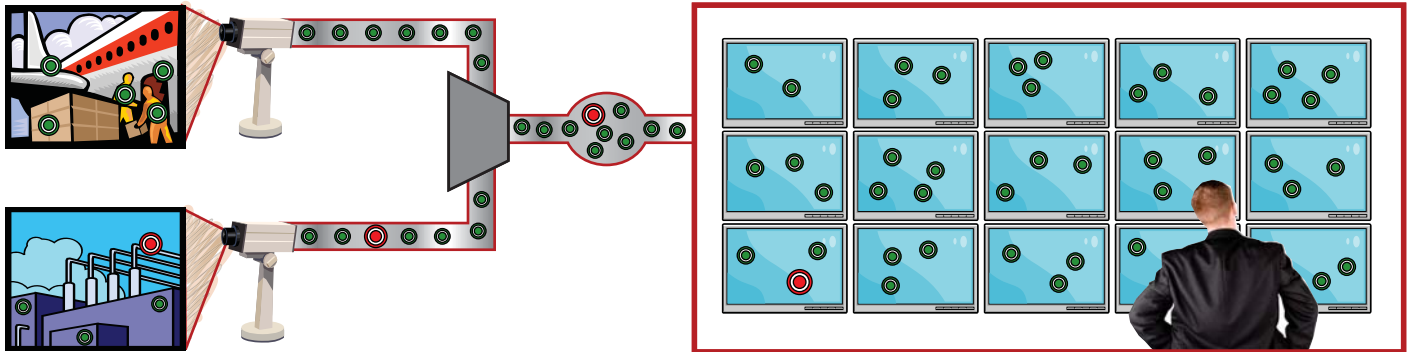
- **Video Analytics at the Network Edge**
Rapidly perform sophisticated video analytics on high-resolution digital imagery. Use video analytics software from Vialogy or third parties for intrusion detection, motion sensing, people counting, and more.
- **Support for Many More Video Surveillance Cameras with Existing Bandwidth**
Efficiently utilize network bandwidth by processing sparse event video at the network edge, at or near the camera. Transmitted data can be restricted to alerts and/or video showing the alert events. MicroSPM can also process and compress other high-volume sensor data.
- **Automated Event Detection and Response**
Reduce missed events by offloading responsibility for event detection from human operators. When MicroSPM™ detects an event, the relevant video is archived for retrieval by the Vialogy SPM™ (Sensor Policy Manager) system. Vialogy SPM™ can be configured to automatically perform user-defined actions – such as summoning security, notifying first responders, and informing management by email or phone.
- **Support for IPv6 and IPv4 Addressing**
MicroSPM™ *simultaneously* supports IPv6 and IPv4.

Applications

- Critical Infrastructure Monitoring
- Video Camera Networks for Enterprise Management
- Perimeter Security for Outdoor Facilities
- Border Security
- Centralized Security Operations for Distributed Sites
- Automated Monitoring of Remote Pipelines and Power Lines
- Mobile Deployments, such as First-responder Vehicles
- High-end Home Safety and Security

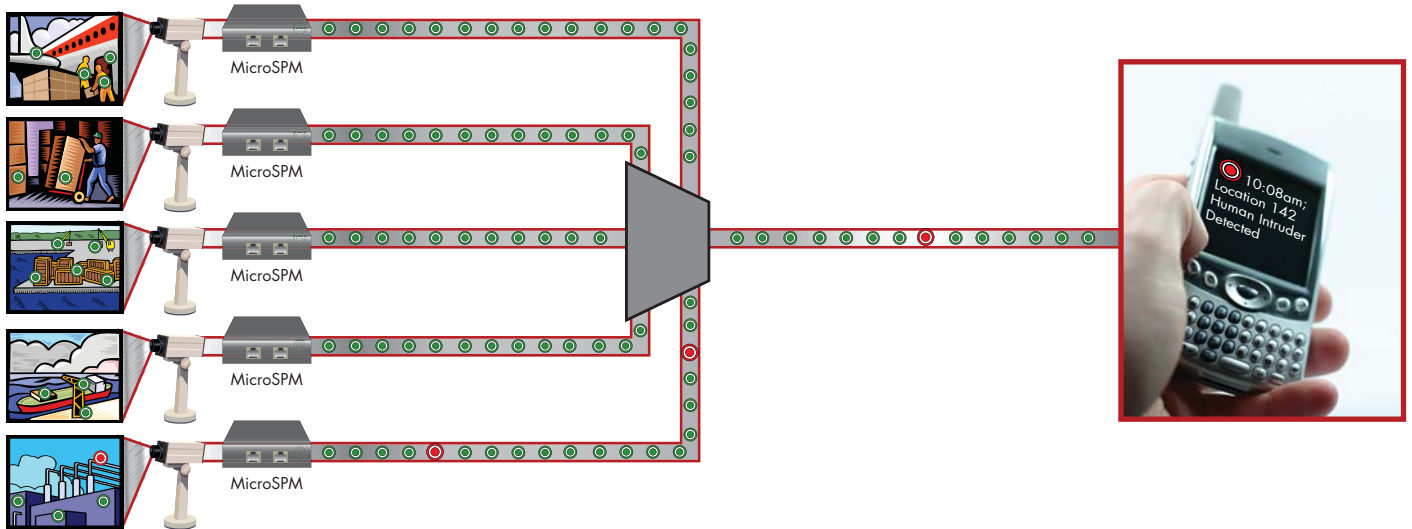
Typical Videosurveillance Challenges:

- High-resolution digital video can quickly saturate Ethernet 10/100 and wireless LANs – even Gigabit Ethernet links.
- Video from just a few cameras can overload servers used for video analytics.
- The effectiveness of a video surveillance system is limited by number and attentiveness of human operators.



MicroSPM™ Solution:

- MicroSPM™ performs video processing at the network edge, forwarding only those events and video that meet user-defined criteria.
- MicroSPM™ at the network edge conserves bandwidth and minimizes the load on routers and servers.
- The Vialogy Sensor Policy Manager augments MicroSPM™ by automatically notifying operators, managers, or first responders when MicroSPM™ detects specified events.



CONSERVE network bandwidth.

REDUCE operator training and staffing costs.

OFFLOAD event detection from human operators to reduce missed events.

STREAM high-resolution digital video using Gigabit Ethernet.

OBSERVE video in real-time or review after the fact.

PROCESS megapixel images in real time.

SCALE the number of high-resolution cameras practically without limit.

AUTOMATE notification and response with Vialogy SPM™ integration.

VIALOGY®

For more information on MicroSPM™, contact sales@vialogy.com.

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