



Highlights

- Enables quicker response by identifying patterns and trends over multiple events across several cameras
 - Helps provide situational awareness by analyzing objects on screen for effective decision support
 - Reduces complexity and supports scalability by helping integrate the solution with other systems
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Video analytics for physical security

Boost physical security and public safety with advanced video analytics

The increasingly sophisticated nature of threats and escalating security overhead are driving organizations to adopt solutions such as digital video surveillance. Video analytics can dramatically improve the effectiveness and response capability of your security staff. But designing and implementing an effective solution that addresses your need for scalability and integration can be a challenge.

IBM Physical Security Services – video correlation and analysis suite can implement an advanced video analytics solution to help improve your security responsiveness. Leveraging IBM Research, we provide sophisticated video content indexing designed to enable real-time alerting as well as fast and efficient searches of video. The open architecture of our solution supports correlation of data from multiple sources with the video index. In addition to supporting remote and wireless access to your video and data as well as integration with multivendor devices, our solution can leverage your existing infrastructure to help reduce your capital expenses.

Helping identify patterns through advanced analytics for a quicker security response

Our video analytics build a comprehensive, data-based index of all events in a generic way. This approach helps you be more responsive to predefined events, while exponentially cutting down the time to search video after an event occurs. The reporting and data analysis features help you better understand existing patterns and trends in your environment so you can more quickly identify anomalies. Our technology can trigger alerts on a pattern made up of multiple events that may even occur on more than one camera.



Helping provide situational awareness for effective decision support

We provide capabilities such as capturing each object in every frame of video and indexing the activity for quick search and real-time alerts. Real-time alerts enable security operators to be notified through various means—such as screen message, email or Short Message Service (SMS) text message—when events occur. An option for alerts can also incorporate human approval and prioritization before they are issued to responding personnel. Our solution helps address your concerns about missing events that may have significant impact to public safety or to the safety of your organization.

Supporting scalability and integration while helping reduce complexity

By using a nonproprietary, open architecture, we help you to deploy a state-of-the-art system that integrates with your existing systems and supports emerging technologies. Our solution can ingest data from other sources—such as access control systems—and associate this data with applicable video data. The open architecture allows data to be accepted from virtually any system that can supply the data through a HTTP post. Our solution can also scale to thousands of cameras, allowing for future expansion of your security system.

Why IBM?

IBM has extensive networking, infrastructure and digital media experience, and we work with industry-leading security solution vendors to provide you with a best-of-breed solution. Our solution features a unique full event indexing capability that allows the users to rapidly search for common events across hundreds to thousands of cameras. You can get system design, implementation, training and support—all from a single point of contact. Further, we can help you leverage and protect your existing investment in technology assets such as cameras, networks, processors and storage.

For more information

To learn more about IBM Physical Security Services – video correlation and analysis suite, please contact your IBM marketing representative, or visit the following website: ibm.com/services/security



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IBM Global Services
Route 100
Somers, NY 10589 U.S.A.

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