

Integrated Video Surveillance Solution

Bosch Security Systems and Siemens



BOSCH

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Solution summary

- ▶ SiPass supports IP cameras and recording solutions from Bosch
- ▶ Intelligent devices reduce bit rates to lower system costs
- ▶ Advanced features include edge storage and motion detection
- ▶ Support for DIVAR IP storage appliances provides easy video recording
- ▶ Integration of Video Recording Manager improves storage utilization

SIEMENS

Bosch and Siemens work closely together to ensure integration between Bosch IP video devices and the SiPass integrated access control system. As a result, mutual customers can control and configure Bosch IP cameras and view video from Bosch recording solutions from within the SiPass platform. The solution combines intelligent Bosch imaging technology that delivers an advanced level of detail with the sophisticated access control capabilities of SiPass.

The integration enables users to verify system events and alarms by viewing video from Bosch devices directly in the SiPass user interface. With the ability to see the source of an alarm using nearby Bosch cameras, security personnel gain the information they need to respond more accurately. Highly-detailed video provides visual information about the circumstances surrounding events or alarms in the SiPass system for more efficient handling of security risks.

SiPass seamlessly integrates video streams from many of the latest offerings from Bosch, including fixed and pan-tilt-zoom cameras featuring starlight and dynamic technology. Bosch HD cameras feature advanced intelligence for delivering the highest quality HD video images with reduced bitrates—helping to lower total system costs. With support for Bosch recording solutions, including the unique Video Recording Manager and DIVAR IP appliances, users can also set recording parameters to change based on SiPass events.

Compatibility

Siemens	Bosch devices
Siemens SiPass integrated	Fixed Cameras IP 7000 Family Legacy Fixed Cameras
	Moving Cameras AUTODOME IP 7000 HD family MIC Series with IP Power Supply Legacy moving cameras
	Encoders VIP X1600 XF Modular Encoder VIP X16 XF E Encoder
	Recording Solutions VRM 3.0 DIVAR IP family Analog recorders Legacy recorders
	For a full list of supported Bosch devices, refer to the Partner integration status section on ipp.boschsecurity.com

Applications/Vertical Markets



Education

Provide a safe and secure environment for students, faculty and staff. Our combined solution can easily monitor and manage access to multiple buildings on campus with differing security requirements.



Airports

Airport security staff can effectively monitor their security systems at all times. Bosch and SiPass deliver a complete solution with integration to video surveillance and other airport infrastructure.



Healthcare

Strike the right balance between security and accessibility in healthcare environments. Easily address the requirements presented by a combination of low and high-security areas with SiPass and Bosch.



Industrial

Address occupational health and safety issues by controlling access, and quickly and easily tracking and identifying employees and other cardholders during emergency situations.

Key features from Bosch covered in the solution

Intelligent Auto Exposure	Automatically adjusts image processing to capture the most detail for objects of interest
Intelligent Dynamic Noise Reduction	Actively analyzes the contents of a scene to reduce bandwidth and storage requirements
H.264 compression	Reduces bitrates even with high image quality
Motion detection	Alerts on movement in video
Edge storage	Ensures uninterrupted video recording in the event of a network or server outage
Video Recording Manager (VRM) playback	Provides immediate access to video stored across multiple iSCSI disk arrays

Manage Bosch IP video devices through Siemens SiPass integrated



View live video and control pan-tilt-zoom cameras directly within the Siemens SiPass integrated user interface.



Display feeds from multiple Bosch IP cameras at one time. Select a camera by right-clicking on the video tile and selecting a new camera image.



Access playback video from Bosch recording solutions. Search video clips or identify time parameters to find relevant video.

Siemens AG is a global powerhouse in electronics and electrical engineering, operating in the industry, energy, healthcare, and infrastructure & cities sectors. For more than 165 years, Siemens has built a reputation for leading-edge innovation and the quality of its products, services and solutions.

For more information, visit www.siemens.com

For more information on SiPass, visit www.sipass-access-control.com

The Bosch division Security Systems is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security Systems develops and manufactures in its own plants across the world.

Additional information can be accessed at ipp.boschsecurity.com