Integrated Security, Safety and Video Management Solution

BOSCH
Invented for life

Storage solution

Bosch Security and Safety Systems and Rasilient Systems

iSCSI - push

Bosch camera

BVMS

Windows Server®

Rasilient PS5000

Hard drives

rasilient
enabling forensic-grade surveillance™
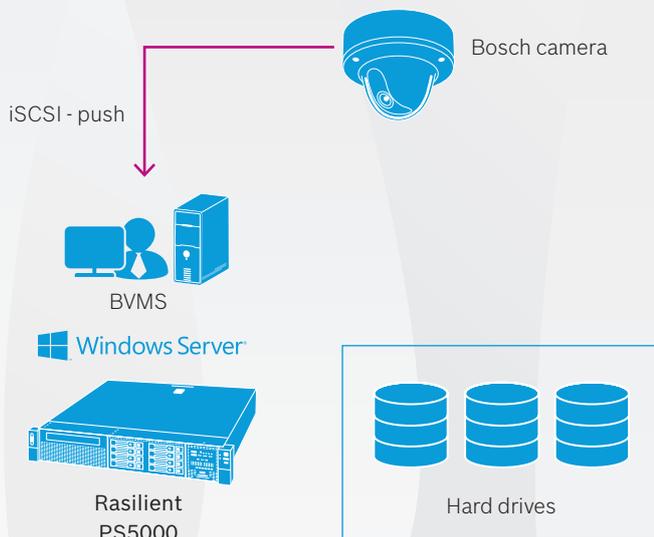
▶ Do more for less: direct iSCSI recording reduces the required hardware of a video surveillance system
▶ Fully optimized to benefit from built-in BVMS resilience
▶ Proactive recommendation of hard disk drive replacement when operating in a degraded state
▶ Purpose built for Video Surveillance (No Frame Drop)

Combining the Bosch Video Management System (BVMS) and Bosch Video Recording Manager with Rasilient's PixelStor 5000 storage devices enables customers to deploy a high-performant, flexible and cost-effective video surveillance system.

Rasilient's storage devices are certified for use with BVMS. BVMS is a unique enterprise IP video security solution that provides seamless management of digital video, audio and data across any IP network. It provides the best VMS to go with Bosch video surveillance devices.

The Rasilient PS5000 server/storage systems are purpose built for video surveillance and include a suite of patented technologies optimizing both video and server performance. Rasilient's Proactive Drive Cloning technology was tested with no recording performance degradation found during the operation. Rasilient's Proactive Drive Cloning technology utilizes AI technology to automatically detect when a hard disk drive is operating in a degraded state and proactively recommends replacement.

The combination of Rasilient storage devices and Bosch video surveillance components has been extensively tested. Not only the performance of the solution has been considered: several failure scenarios are considered to ensure the system continues to operate as expected.

The direct iSCSI recording of the Rasilient PS5000 and scalability of the BVMS (from Viewer to Enterprise) makes the combined solution suitable for multiple video surveillance applications, such as healthcare, transportation, commercial buildings and education.

Compatibility

Rasilient Systems	Bosch devices
PixelStor 5000	BVMS 8.0 or newer

Applications / Vertical Markets

Commercial buildings

Education

Transportation

Correctional facilities

Key features

Surveillance reliability
Supports high bandwidth camera load with no recording gaps.

Leverages Bosch Video Recording Manager
Video Recording Manager integrated iSCSI target: the video recording manager fully manages the iSCSI target.

Verified performance
An extensive performance test was done to ensure customers can utilize the performance offered by the hardware platform as well as rely on continuous operations.

Cost-effective
Direct iSCSI recording reduces the need for dedicated NVRs and reduces the initial cost, as well as the total TCO, especially related to cooling and power.

PixelStor 5000
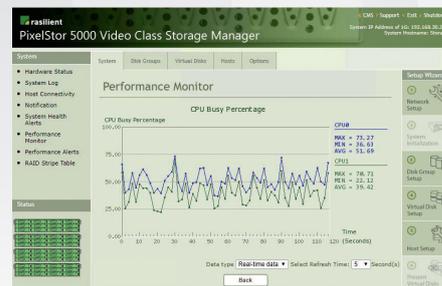
The **Bosch division Security and Safety Systems** is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice 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 and Safety Systems develops and manufactures in its own plants across the world. Additional information can be accessed at **www.boschsecurity.com**

Visit **www.ipp.boschsecurity.com** for details on the Bosch Integration Partner Program

Rasilient Systems, headquartered in Silicon Valley USA, is a global supplier of servers and storage systems. Rasilient's purpose-built technologies and architecture enable Forensic-Grade IP video surveillance applications, demanding the ultimate surveillance quality and reliability to protect an organization's interests.
Rasilient's products are based on the NFD platform and are VMS agnostic. The platform's unmatched performance and content integrity have been certified by leading companies like Bosch, Milestone and Genetec. Additional information can be accessed at **www.rasilient.com**