Integrated Security, Safety and Video Management Solution
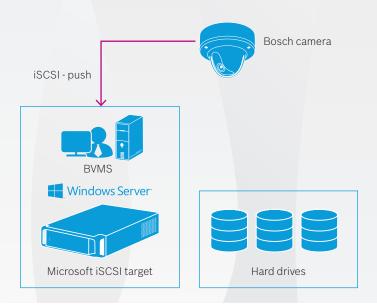
Storage solution

Bosch Security and Safety Systems and Promise Technology

Bosch camera

iSCSI - push

BVMS

Windows Server

Microsoft iSCSI target

Hard drives

▶ Do more for less: BVMS running on a single, all-in-one, Promise storage device
▶ Fully optimized to benefit from built-in BVMS resilience
▶ Using One-Plug-Auto-Service, Promise devices are easy to service and maintain
▶ Utilizing standards such as iSCSI for recording and SNMP for monitoring

PROMISE
TECHNOLOGY

Combining the BVMS and Bosch Video Recording Manager with Promise storage devices enables customers to deploy a high performance, flexible and cost-effective video surveillance system.

Promise Vess A-Series NVRs are certified for use with the 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.

Vess A-Series NVRs and Vess R-series storage solutions are purpose-built for video surveillance and include a suite of features unique to Promise called SmartBoost Technologies which optimize the performance of the system. Promise not only offers Vess A-Series NVRs optimized for video surveillance but also a pure iSCSI storage solution with its Vess R2000 system. Bosch cameras are iSCSI initiators which can record directly to iSCSI targets such as the Vess R2000. This offers more flexibility to customers and removes the need for intermediate servers which in turn can reduce the footprint of the system.

The combination of Promise 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 tested Promise devices and scalability of the BVMS (Viewer to Enterprise) makes the combined solution suitable for multiple video surveillance applications, for example healthcare, transportation, commercial buildings and education.

Compatibility

Promise	Bosch Security Systems
Promise Vess A-3340 Promise Vess A-4600 Promise Vess A-4800 Promise Vess A-6600 Promise Vess A-6800 Promise Vess A-7600 Promise Vess A-7800	BVMS 7.0 or newer

Healthcare   Transportation   Commercial buildings   Education

Key features

Leverage Bosch Video Recording Manager

Using the Bosch Video Recording Manager and edge-recording frame loss will be a thing of the past. Additionally, edge-recording removes the need for an NVR and therefore reduces a single point of failure in the system.

Fully monitored

The storage system can be monitored by the BVMS using SNMP interface. This allows for an early identification of possible failures.
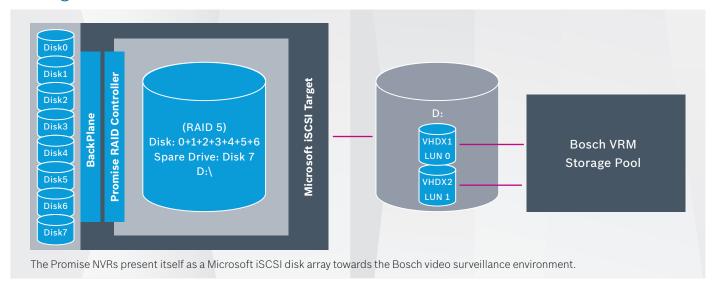
Verified performance

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

Integrated server-storage appliance: combining the video management system and video surveillance storage on a single device reduces deployment and management costs.

Configuration

The Promise NVRs present itself as a Microsoft iSCSI disk array towards the Bosch video surveillance environment.

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

Promise Technology is the leading player of the open storage platform for IP video surveillance with 30 years expertise in storage/RAID technology. Promise is active in all video surveillance verticals and able to provide a solution for deployments of any size – from standalone NVR appliances to scale-out storage solutions for large deployments and video surveillance cloud services. Promise's solutions can be found at airports, banks, casinos, governments, highways, hospitals, hotels, metro and train stations, mines, oil companies, prisons, shopping malls, warehouses and many more locations.

For more information, visit **www.promise.com**