



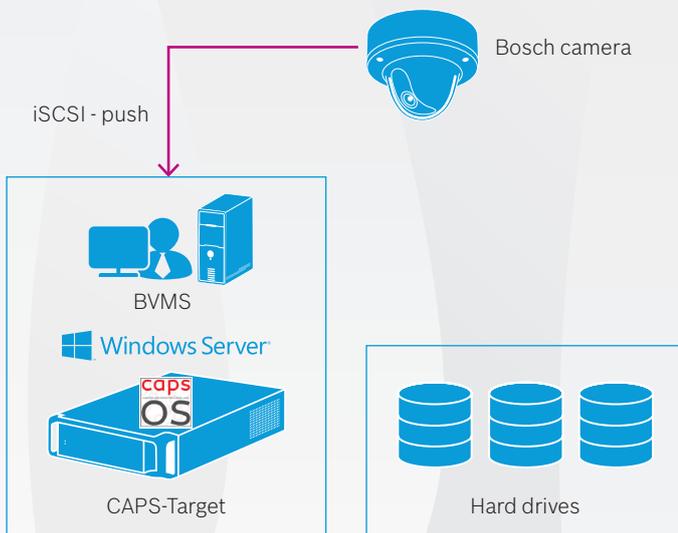
**BOSCH**

Invented for life

# Integrated Security, Safety and Video Management Solution

## Storage solution

# Bosch Security Systems and Capsule Technologies



- ▶ Do more for less: BVMS running on a single, all-in-one, Capsule storage device
- ▶ Fully optimized to benefit from built-in BVMS resilience
- ▶ High-performant CAPSOS software layer for iSCSI distribution
- ▶ Specifically optimized for the Bosch video surveillance components



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

Capsule ICE and DR series storage devices 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.

The Capsule hardware is running on CAPS-OS™. CAPS-OS™ provides new capabilities and performance improvements ideal for enabling modern hardware to deliver a high performance solution and integrated virtualization services. CAPS-OS™ is based on minimalist version of Linux operating system largely modified by Capsule Technologies, bundled with proprietary software developed by Capsule Technologies. CAPS-OS™ has been specifically modified to fit to the Bosch video surveillance components, to achieve new performance levels.

The combination of Capsule 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 wide selection of tested Capsule 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

Capsule	Bosch Security Systems
<b>Capsule DR-1630</b> <b>Capsule ICE-24</b> <b>Capsule ICE-8</b>	<b>BVMS 7.0 or newer</b>



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.

### Tuned for video surveillance

Capsule and Bosch have spent a lot of effort to fine-tune the CAPS-OS storage environment towards the needs of the Bosch video surveillance environment, which is clearly shown in the achieved performance.

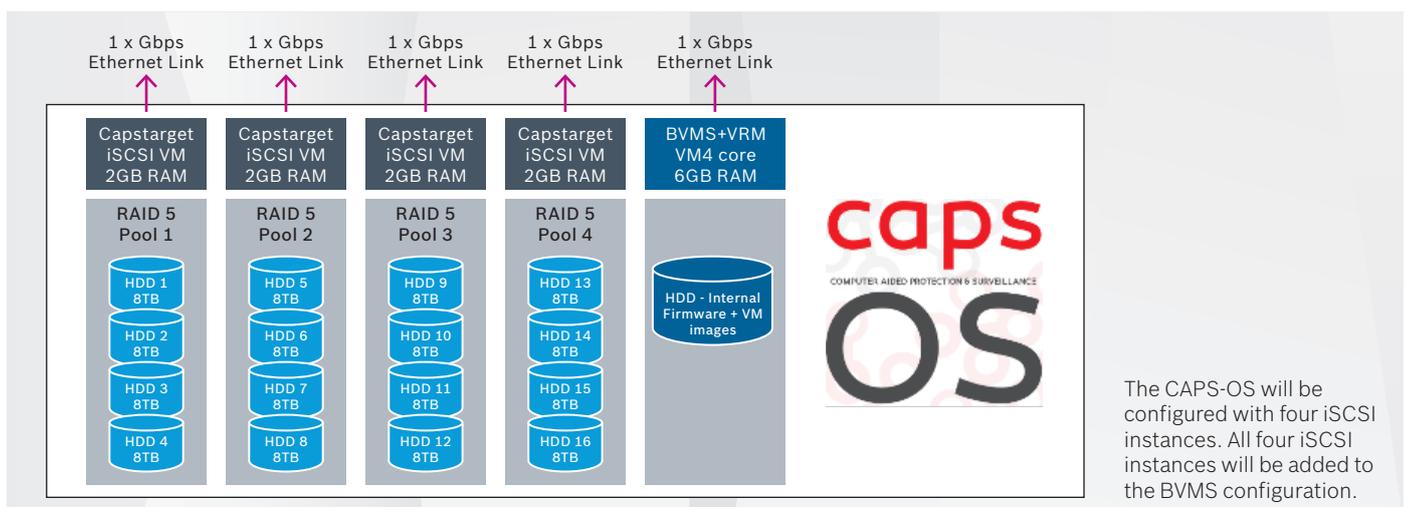
### Verified performance

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 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 [www.boschsecurity.com](http://www.boschsecurity.com)

**Capsule Technologies** is offering High-Density Storage and Hyper converged building blocks designed for the Surveillance Environment. This solution aims to remove the pain of complex Server and Storage solution infrastructure by providing a single building block for the entire Server / Storage surveillance infrastructure.

For more information, visit <http://www.capsule-sa.co.za/>

Visit [www.ipp.boschsecurity.com](http://www.ipp.boschsecurity.com) for details on the Bosch Integration Partner Program