



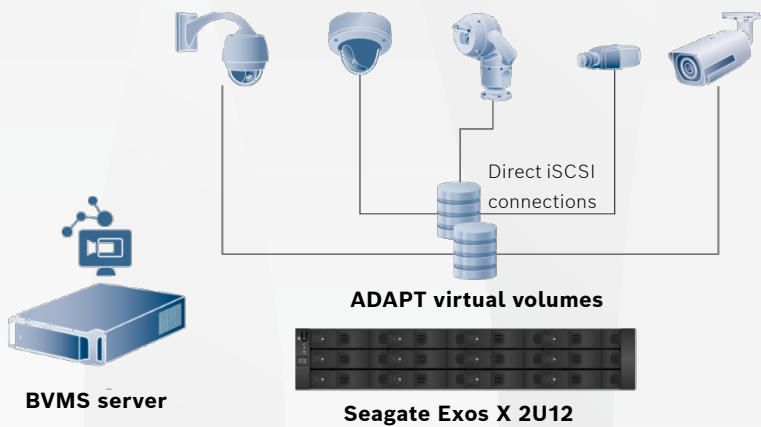
BOSCH

Invented for life

Integrated Security, Safety and Video Management Solution

Storage solution

Bosch Security Systems and Seagate



- ▶ Reliable and high performance video surveillance system
- ▶ 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
- ▶ Verified performance under most challenging conditions



Combining BVMS and the Bosch Video Recording Manager with Seagate Exos X storage devices enables customers to deploy a reliable and high performance video surveillance system.

Seagate Exos X storage devices are certified for the 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.

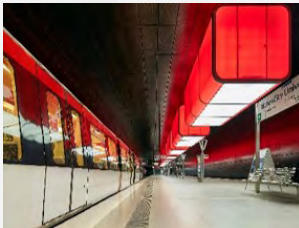
The combination of Seagate Exos X storage devices and Bosch video surveillance components has been extensively tested. Not only the performance of the solution has been considered: several failure scenarios are considered to ensure the system continues to operate as expected. Seagate Exos X storage devices provide direct iSCSI recording under extreme conditions without dropping video frames. Moreover

the devices include Seagate ADAPT, which enables fast rebuild times, thereby limiting exposure time.

These capabilities in combination with the scalability of BVMS (Viewer to Enterprise) makes the combined solution suitable for multiple video surveillance applications, for example healthcare, transportation, commercial buildings and education.

Compatibility

Seagate	Bosch
Seagate Exos X 2U12 iSCSI	BVMS 10.1 Video Recording Manager (VRM)



Transportation



Hospitals and health institutions



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.

Easy set-up and management

The Seagate SMC makes initial system setup and configuration easy through a web-based user interface. Using the SMC, iSCSI storage volumes can be created and exported to BVMS within minutes. The SMC also provides logging, monitoring and an easy way to identify performance bottlenecks.

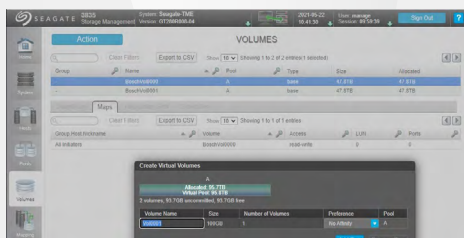
Verified performance under challenging conditions

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.

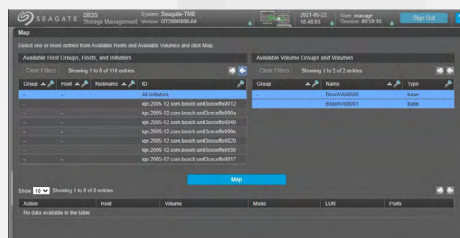
Cost efficiency

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.

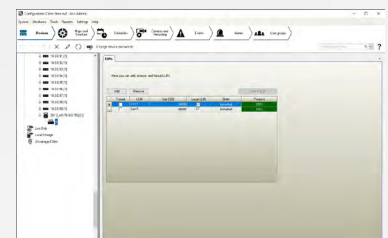
Configuration



To add storage to VRM, an ADAPT disk pool needs to be created from which one or more virtual volumes can be created afterwards.



In the next step, the newly created volumes are exported from the Seagate Mapping wizard to be used in BVMS.



The BVMS Configuration Client is used to add the Seagate Exos X iSCSI array to a BVMS Device Pool and format the virtual volumes.

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**

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

Seagate® is a worldwide leader in data storage products and **Bosch®** is a leader in video surveillance hardware and software solutions. Seagate and Bosch have teamed up to create world-class data storage solutions for the Bosch Video Recording Manager (VRM).

Learn more at **<https://www.seagate.com>**