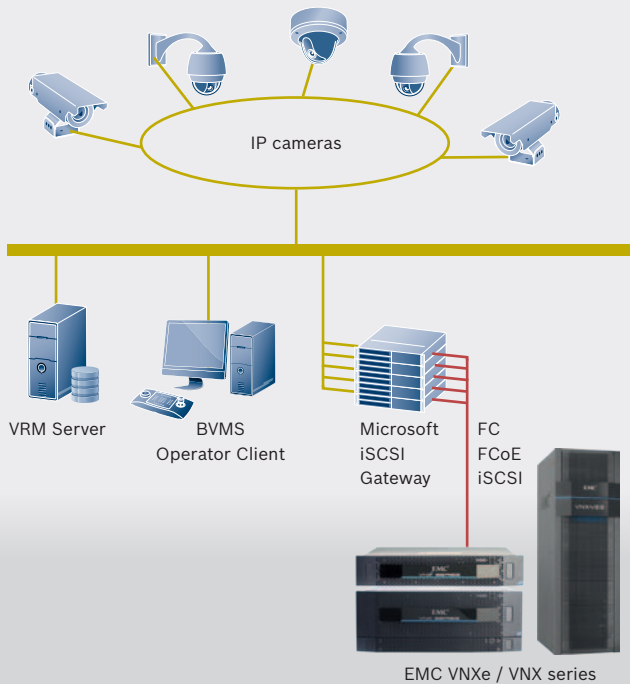


Integrated Security, Safety and Video Management Solution

Bosch Security Systems and EMC



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Invented for life



Solution summary

- ▶ Full functionalities of Bosch Video Recording Manager on EMC VNX & VNXe
- ▶ Possible to use almost all storage interfaces (iSCSI, FC, FCoE etc.)
- ▶ Option for no single point of failure for iSCSI Gateways
- ▶ Reuse existing EMC storage infrastructure to lower maintenance costs
- ▶ EMC storage integration allows for maximum resilience



Bosch VMS is now capable of recording video on EMC's VNX and VNXe storage arrays. This solution uses iSCSI Gateways, which allows customers the flexibility to integrate Bosch VMS with EMC Block Storage Platforms like VNX, VNXe and VNX VSS.

iSCSI gateways can be virtualized on a High Availability Failover Cluster using Microsoft Hyper-V or vmWare ESX(i) to ensure no single point of failure.

Its decentralized architecture makes Bosch VMS highly resilient towards components failure. This availability also applies when using an EMC storage solution.

Compatibility

EMC	Bosch products
EMC VNX, VNXe, VNX VSS - Microsoft (iSCSI Gateways) Windows Server 2012 R2	Bosch VMS 6.0 or higher

Applications / Vertical Markets

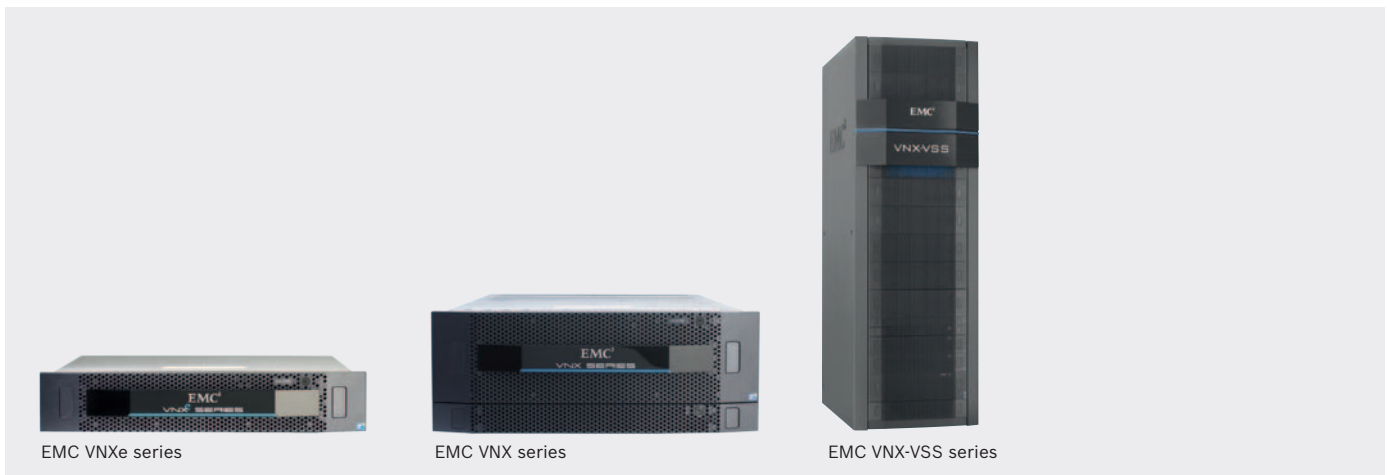
All Enterprise customers having an existing EMC Storage System

	▶ Critical Infrastructure (airports, metro system, rail)		▶ Industrial ▶ Energy
	▶ Defense		▶ City Surveillance
	▶ Prisons		▶ Health Care (hospitals...)

Key features covered in the integrated solution

Simplifies maintenance	by using a single storage system for CCTV and other tasks
Highly resilient	with no single point of failure
Multi protocols	as it allows to use Fiber Channel, iSCSI or FCoE storage
Storage centric video systems	as this integration enables System Integrators to provide a Bosch solution when an EMC storage has been selected

EMC storage hardware



EMC is a global leader in enabling businesses and service providers to transform their operations and deliver information technology as a service (ITaaS). Fundamental to this transformation is cloud computing. Through innovative products and services, EMC accelerates the journey to cloud computing, helping IT departments to store, manage, protect and analyze their most valuable asset – information – in a more agile, trusted and cost-efficient way.

For more information, visit: www.emc.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 www.boschsecurity.com

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