

**Our focus is** innovating security  
where you need it most



Scalable retail surveillance - Remote access and control -  
Uniform interface



**BOSCH**

Invented for life

## Scalability brings you consistency, convenience and comprehensive surveillance

Our video management systems provide you with convenient central monitoring, remote access regardless of available bandwidth, and uniformity in interfaces and operating principles throughout your entire operation.

Finding the ideal surveillance solution for your operation isn't always straightforward. There are many different aspects to consider, including image quality, number and type of cameras supported, network and storage capacity, ease of every-day operations and ease of installation.

In addition, the size of your operation as well as your ways of working may pose additional demands. In a small shop you want a self-contained, comprehensive, easy-to-install and easy-to-use surveillance system.

In a large retail chain with central loss prevention operations support, you almost certainly want much more, for example;

- ▶ Full access to live and recorded video from all sites
- ▶ A robust authorization system and remote access to live video and recordings - often through a corporate network with limited bandwidth
- ▶ Easy system expansion to new stores
- ▶ Centrally-managed software updates
- ▶ Comprehensive system monitoring and diagnostics

### **Video surveillance that's always relevant**

At Bosch Security Systems, we believe that everyone deserves to live in a safe and secure environment. Through our dedication to superior quality and technical innovation we push ourselves to develop new products and solutions that put us at the forefront of our industry.

Then there's the question of consistency; when you have video systems in different locations, do they seamlessly interface with each other? Does each separate system require specific testing, training, maintenance and operation? Can you use the same type of system in a small shop as you do for a huge megastore?

#### **Familiarity and simplicity**

With this in mind, we have developed a modular and scalable surveillance system which helps prevent losses in retail operations and which is always based on the same architecture, interfaces, access and operating principles.

It's suitable for situations ranging from a single store to a worldwide chain with thousands of sites; from a shop with a few cameras to a distribution center

with hundreds. And it's also been designed to grow with your needs. This means that now, as well as in the future, you have a guarantee of consistency, familiarity and simplicity.

Each of the elements in our system incorporates state-of-the-art components. Our cameras use the latest sensors and image processors to give the best possible image in challenging lighting conditions. Efficient compression software delivers low bit-rate video streams that need less storage than the competition requires.

On top of that, our recording solutions scale from on-camera SD-cards to petabyte storage arrays. And our transcoding technology allows effective remote operation with both low-bandwidth streaming and highly-detailed static images.



## Delivering the appropriate solution, every time

Whether you are starting from scratch, expanding or replacing an existing installation, choosing our scalable solutions is the right choice for many reasons. Even when upgrading from analog to IP, you can still use your existing architecture; low-cost encoders are all you need to interface with your analog cameras.

### Uniformity right from the start

A single family of building blocks covers the surveillance needs of your operation, large or small. This brings tremendous benefits for you. Store managers/loss prevention personnel only ever have to become familiar with one user interface. The same applies to the system administrator- there's only one configuration interface to learn. Training staff is much simpler, as is the installation and maintenance of new stores. And you always use the same protocol when interfacing with external systems for e.g. central station alarm monitoring, reporting, data mining and retail analytics.

### Growing with your needs

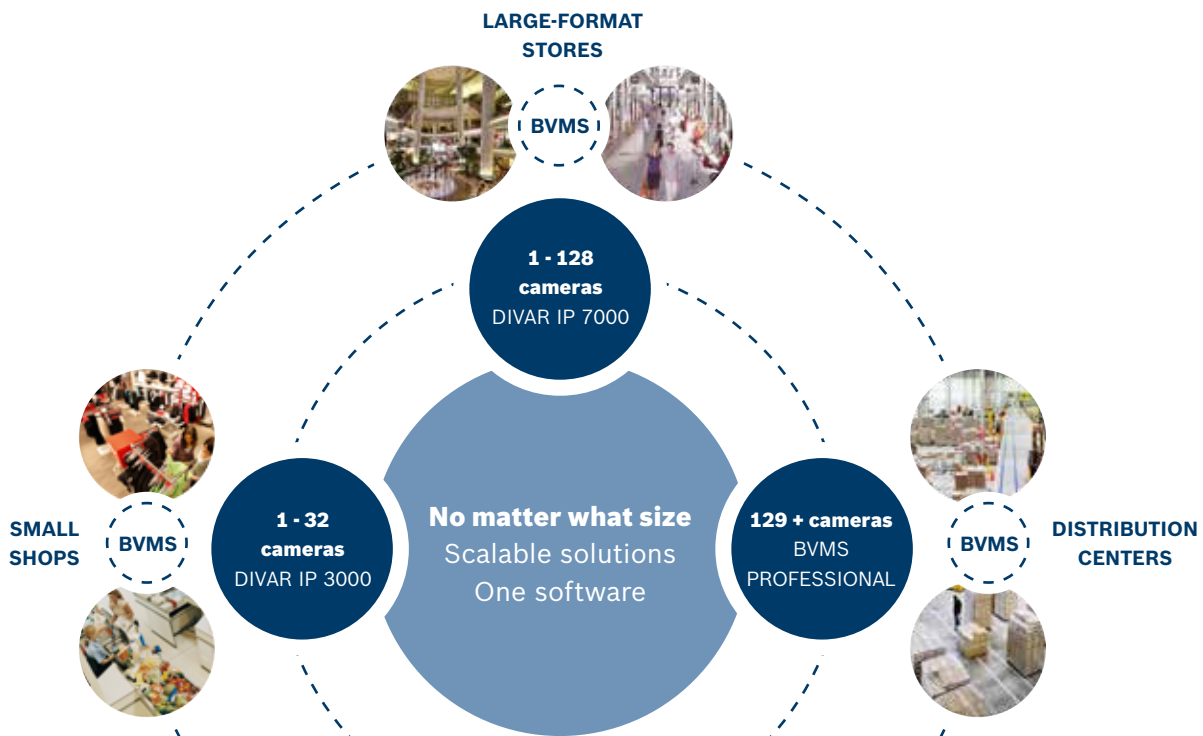
You can start small, with a handful of cameras that securely send their images to your local, remote or mobile monitoring device for analysis. Full monitoring and control is provided by our smartphone and tablet Video Security app (iOS and Android).

When your needs change or your premises expand, you can install additional cameras and in-store monitoring as well as local storage of images. If you add or acquire more



locations, you effectively 'copy and paste' the same solution, possibly supported by a central monitoring center. Even when you require much larger surveillance systems, for example in big-box stores or distribution centers, the same management system software efficiently and effectively manages hundreds or even thousands of cameras.

This pattern repeats itself as often as you like, right up to the creation of a global network with numerous stores, warehouses and distribution centers. And every time you expand, you have the reassurance of compatibility, familiarity and high performance.



**Viewing client**

Bosch viewing clients are Windows PC applications for live viewing and playback of network-connected cameras. The viewing client communicates with your system components via your surveillance network and ties them together, allowing you to view cameras from a single location.

**Viewing app**

Use the Video Security app on your mobile device to access camera controls, live video streams and HD images. This app gives full access and control everywhere and at any time.



**BVMS Professional**

The Bosch VMS Professional version is an enterprise IP video security solution that allows for seamless management of digital video, audios, and data across any IP network. Compatible with Bosch and ONVIF IP cameras, as well as Bosch DVRs, it is the perfect solution for large installations with high camera counts.

## Products

The following equipment is typically used in our scalable retail solutions:

- ▶ FLEXIDOME IP dynamic 7000 VR
- ▶ DIVAR IP 3000 network recording appliance
- ▶ DIVAR IP 7000 network recording appliance
- ▶ DIVAR IP 2000 storage expansion unit
- ▶ DIVAR IP 6000 storage expansion unit
- ▶ VIDEOJET XTC transcoder
- ▶ Bosch Video Management System software
- ▶ Bosch Video Client (BVC) software for remote PCs
- ▶ Bosch Video Security app for mobile devices

Our solutions help you capture, record, retrieve and view the images you need. Yet we offer much more than that, including a full line of security products and accessories. A variety of tools to help you specify and design optimum systems for your operation. The reassurance of compatibility with third-party products, thanks to ONVIF<sup>1</sup>. Our renowned quality and reliability, backed up by a three-year warranty. Plus world-class training and technical support.

For additional information please refer to our website or contact one of our sales representatives.

<sup>1</sup> ONVIF (Open Network Video Information Forum) is committed to accelerating the adoption of network video in the security market through a global open interface standard. ONVIF ensures interoperability between different products, regardless of manufacturer.



FLEXIDOME IP dynamic 7000 VR



DIVAR IP 3000 network recording appliance



DIVAR IP 7000 network recording appliance



DIVAR IP 2000 storage expansion unit



DIVAR IP 6000 storage expansion unit



VIDEOJET XTC transcoder



Bosch Video Management System software



Bosch Video Client (BVC) software for remote PCs



Bosch Video Security app for mobile devices

### **A tradition of quality and innovation**




For over 125 years, the Bosch name has stood for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.

### **Bosch Security Systems**

To learn more about Video Systems please visit [www.boschsecurity.com/hdsecurity](http://www.boschsecurity.com/hdsecurity)

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