How to make your office more secure
Security - Video Surveillance

Deter unauthorized access
Offices, archives, and storage rooms are key places for theft. The visible presence of a surveillance system helps to ward off theft and give employees a more secure feeling. Our video surveillance system provides the highest quality of relevant IP video images, so you can determine what has happened — anytime, from any location.

Improve safety in a parking environment
Parking lots can be risky places. The most common violent crimes committed there are purse snatchings, strong-arm robbery, and the occasional carjacking. As most businesses focus on protecting people and assets inside their property, the parking lot, stairwells, or sidewalks are sometimes overlooked as potential risk areas. Parking lot safety is just as important as office safety.

Prevent commercial espionage and fraud
Proving espionage and fraud can be challenging for companies. Prevention is not always easy... but it’s not impossible. Video surveillance that records details at areas like archives, storage rooms, copy machines, and the reception desk can help in gathering the right evidence. Visible cameras in such areas will deter people from wrongdoing, simply because they will be afraid of getting caught.

Limit costs and reassure employees
Broken windows, graffiti, or armed robbery will affect your office reputation and increase operation costs. On top of that, these situations discourage and even scare employees. Our system will deter vandals and can help the police in their investigation.

Small companies as well as doctor, veterinary, and dentist offices are targets for break-ins or theft. Criminal acts could originate externally, but also internally by employees. Let’s take a look at how you can deter criminals, and create evidence to solve cases:

Bosch Security Systems has the answer.
Example of an office building under video surveillance

The above schematic shows how to increase security within your office:

1. A camera keeps an eye on the reception desk.
2. Cameras are installed within corridors and on every floor with offices, storage rooms, etc.
3. A camera watches the backdoor to help you see who entered the office building and at which time and date. Our intelligent software will list all occurrences.
5. A camera installed outside monitors the parking lot.
6. A camera monitors people coming and going at the main entrance.
7. The central IP recording solution installed at the management office records and can replay up to 16 cameras. This recorder has a high capacity to store hours of video. **Calculate your required storage capacity.**
8. Our intelligent software allows you to view all cameras, replay video, or find specific occurrences on your PC or mobile device.

Installers information

**High-quality images**

With any surveillance system, you need to see clearly what is going on in the image. That’s why Bosch IP cameras are equipped with our Content Based Imaging Technology (CBIT) to ensure that camera settings are continuously and dynamically adjusted depending on movement, varying light intensity, and back- and front-light fluctuations. Intelligent Dynamic Noise Reduction (IDNR), a part of CBIT, is responsible for significantly reducing bitrates and therefore storage costs. Quiet scenes with little or no movement require a lower bitrate. By intelligently distinguishing between noise and relevant information, such as movement, IDNR reduces bitrate by up to 50%. Because noise is reduced at the source during image capture, the lower bitrate does not compromise on video quality. Network strain is
Example of an IP video surveillance system

No need to watch hours of video
All Bosch cameras can give an alarm when there are changes in the image, for instance when someone is walking by. These alarms can trigger the sending of a corresponding image to your mobile device, so you’ll know right away that something is happening. Or you could scroll through these triggers later to find out what went on.

Water-, dust- and vandal-resistant
Our outdoor dome camera is protected against water and dust (IP66). In addition, it is suitable for installations where vandal-resistance is important (IK10). At night the camera switches to night-time imaging while maintaining sharp focus under all lighting conditions.

Access your images via your mobile device
Limited bandwidth makes it impossible to stream HD video on mobile devices. That’s why Bosch uses Dynamic Transcoding to deliver both smooth live video streaming and instant access to HD still images when needed, regardless of available bandwidth. As you cannot be everywhere all the time, you can now use your mobile device to access camera controls, live video streams and HD images anytime, from anywhere. Dynamic Transcoding also enables you to instantly retrieve the correct video data from hours of recorded material (only in combination with the DIVAR IP 2000).

Safe storage of video content
You can choose how your video surveillance images are stored.

1. **Storage within the camera**: use a MicroSD card for local alarm recording, i.e. recording will take place only when the camera detects movement in the image. All recordings on MicroSD cards can be exported to your central storage or PC. The camera’s internal slot supports MicroSD cards of up to 2 TB. (SD cards to be purchased separately).

2. **Central storage**: add our DIVAR IP 2000 to record video from up to 16 cameras. This provides safe data storage, 24/7 remote access and offers advanced features to manage your video data. Storage capacity can be expanded to up to 8 TB.

3. **Cloud storage**: our system is directly compatible with Dropbox™ to store still images automatically in the cloud. As soon as certain motion is detected by the camera, these still images will be generated. This will enable you to view these images from your PC or smartphone, wherever you are.
# Products used in this example

<table>
<thead>
<tr>
<th>Image</th>
<th>Product name</th>
<th>Ordering code</th>
<th>Corresponds with number in drawing on pages 2 and 3.</th>
<th>Description</th>
<th>Starterkit, DIP-2042 EZNPC22**</th>
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<tbody>
<tr>
<td></td>
<td><strong>Cameras - Indoor</strong></td>
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<td><img src="image1" alt="Image" /></td>
<td>FLEXIDOME IP micro 2000</td>
<td>NUC-20012-F2</td>
<td>1 2 3 4</td>
<td>Indoor IP microdome, 720p MicroSD card slot for edge recording * Motion, tamper and audio detection FTP, Dropbox and e-mail application</td>
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<td>NPC-20012-F2L-W</td>
<td>1 2 3 4</td>
<td>Indoor IP camera, 720p SD card slot for local recording * PIR-based motion and audio detection Integrated white light for night time viewing FTP, Dropbox and e-mail alarms</td>
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<td>FLEXIDOME IP outdoor 4000</td>
<td>NDN-40012-V3</td>
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<td>Outdoor IP dome camera 720p with varifocal lens Select regions of interest and E-PTZ</td>
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<td>DIP-2042EZ-2HD</td>
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<td>Video recording solution for up to 16 cameras. Storage up to 8TB capacity Remote viewing via Video Security app and video client by Bosch Helpful install wizard</td>
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<td>Video security app iOS</td>
<td>Video security app</td>
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<td>Connect your mobile device via this app to your Bosch IP cameras and experience video playback and access your recordings Free of charge</td>
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<td>Video security app Android</td>
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<td>Connect your mobile device via this app to your Bosch IP cameras and experience video playback and access your recordings Free of charge</td>
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<td><img src="image8" alt="Image" /></td>
<td>Bosch Video Client</td>
<td>Bosch Video Client</td>
<td>8</td>
<td>To view multiple sites or cameras simultaneously. Bosch provides the free of charge Video Security Client. This viewing software supports desktops, 2-in-1 laptops and mobile devices running Windows 8. It supports intuitive control via touch screen or mouse and keyboard operation to ensure maximum user friendliness Free of charge up to 16 cameras</td>
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* Remark: SD card not included within cameras  
** Your complete system could consist of a starterkit and separate products