# Integrated Remote Monitoring Solution

**BOSCH**
Invented for life

## Bosch IP video devices and ASANTech UVP

# Bosch Security Systems and ASAN Security Technologies

Bosch    Brand 1    Brand 2    Brand N

## UVP

UVP is the world's most easily adaptable remote monitoring software, which combines different, already existing video systems behind a single user interface.

**ASAN** tech

## API

An interface by which video systems can be centrally connected to other software
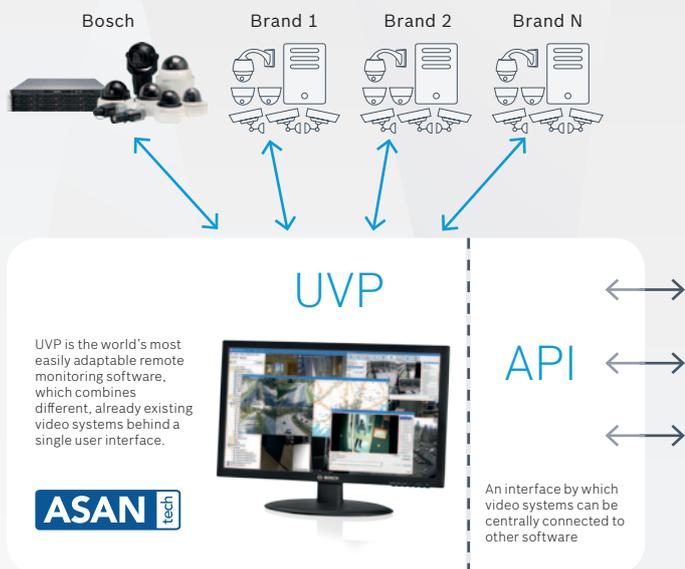
▶ The Bosch recorders connect into ASAN's multivendor environment
▶ ASAN solutions enable the use of Bosch H.264 cameras in a plug-in free web browser UI, including recordings
▶ ASAN solutions support both older and the latest IP and HD cameras from Bosch
▶ ASAN ANPR with Bosch cameras give a high quality recognition solution for parking businesses
▶ ASAN's API allows third parties to use existing Bosch live video and recordings in their own systems

**ASAN** tech

The partnership between Bosch and ASAN Security Technologies guarantees a reliable and deep level of integration between Bosch IP video devices and ASANTech UVP (Universal Video Platform) products. This solution unites high quality imaging technology from Bosch with ASAN's pioneering remote monitoring software.

ASANTech UVP brings the rich functionality of Bosch's recorders and cameras to UVP client. The features of Bosch's products allow UVP to scale from small to large Bosch product environments in a simple way. The long and profound product development history between Bosch and ASAN has enabled the rock solid integration of devices, cameras and recorders.

The Bosch - ASAN integration allows customers to utilize the latest in video technology in their business, and achieve notable improvements in security as well as ease of use and efficiency in numerous fields of industry.

UVP's easily adaptable remote monitoring software combine different brand video systems behind a single user interface.

The UVP solutions can be utilized both in small systems of a few cameras, and in large video surveillance environments consisting of thousands of recorders of different brands. The creation and the continuous development of the platform is a result of having gained in-depth, practical knowledge about customers' needs around the world.

Furthermore, ASAN offers a reliable API, which allows third parties to easily integrate live video, video recordings as well as I/O and PTZ controls to their own systems.

## Compatibility

| ASAN Security Technologies | Bosch Security Systems |
|---|---|
| **ASANTech UVP**<br>UVP Viewer<br>UVP Corporate Center<br>UVP Service Center<br>UVP API<br>UVP Recorder<br>UVP ANPR | **Recorders**<br>DIVAR IP 3000/ 7000<br>Bosch Matrix<br>Partial integration to old Divar XF<br><br>**Fixed cameras**<br>Supports several generations of cameras<br><br>**Moving cameras**<br>Supports several generations of cameras<br><br>**Bosch encoders**<br>Supports several models |

## Transportation

ASAN has delivered solutions to maritime segment, ranging from harbour monitoring to on board ship solutions. ASAN solutions have also been used from rail transport to parking facility management in order to integrate diverse distributed locations or units into uniform centralized systems. UVP platform is used by several parking facilities in Scandinavia for site remote management while ASAN's ANPR solutions together with Bosch LPR cameras provide the highest of recognition rates in hundreds of LPR gates throughout Nordic and Baltic countries.

## Remote Surveillance

ASAN's specialty is in integrating multiple video brands from multiple sites into one coherent real time monitoring environment with extensive data security, user control, and system monitoring capabilities. We have delivered solutions where thousands of different brand recorders, and tens of thousands of cameras are monitored live through our unified, easy to use user interface. ASAN has worked closely with Bosch R&D to ensure seamless integration of the Bosch Divar IP 3000 and 7000 series recorders, and Bosch Edge cameras into the UVP monitoring platform. This way one can combine the best of the both worlds, Bosch's high quality video technology and ASAN's extensive flexibility while relying on data security from both parties.

## Key features

**H.264 compression**
Further reduces bit rates even with high image quality.

**HD image quality**
A superior vision is provided by Bosch cameras.

**Bosch Edge and recorder integration**
Access multiple Bosch Edge/recorders from one system.

**Motion detection**
Alerts on movement in video.

**Tamper detection**
A wide range of configuration options is available for alarms signalling camera tampering.

**Recorder proxy**
Single port access to Bosch recorder and its cameras.

**Multistreaming**
Enables video to be viewed and recorded in different qualities by supplying individually configurable streams.

**Video Recording Manager (VRM support)**
Provides immediate access to video stored across multiple iSCSI disk arrays.

**Edge playback in VRM 3.0. installations**
Ensures uninterrupted video recording in the event of a network or server failure with support for on-board storage.

## Configure and manage Bosch IP video devices through ASANTech UVP software

ASANTech UVP Viewer is an easy and functional software for watching video footage through a browser on pc or mobile device, regardless of time and location.

The UVP solutions can be utilised both in small systems of a few cameras, and in large video surveillance environments consisting of thousands of video devices.

**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

**ASAN Security Technologies Ltd** is a Finnish pioneer of highly integrated, network based video solutions. ASAN focuses in the digitalization of video surveillance and remote monitoring. We deliver integratable, reliable and easy to use multivendor video surveillance solutions, which produce live and recorded video where ever the user demands.

Today we are the leading supplier of video surveillance centers in the Nordic countries. Our systems are being used all around the world, and we are currently developing game changing video surveillance systems with our partners in numerous countries.

Additional information can be accessed at **www.asansecurity.com**