

Integrated Video Surveillance Solution

Bosch Security Systems and Milestone Systems


BOSCH

Invented for life



Solution summary

- ▶ XProtect® supports all Bosch IP video devices
- ▶ The dedicated driver pack covers multistream, dynamic discovery, edge storage, Bosch embedded Intelligent Video Analytic events and more
- ▶ Covering solutions from small to large applications and markets including commercial, retail, transportation and city surveillance
- ▶ License plate capture cameras are fully supported by XProtect® for automatic license plate recognition
- ▶ Featured at various Milestone and Bosch events and industry trade shows globally
- ▶ Bosch is a Milestone Manufacturer Alliance Partner and Solution Partner



The Open Platform Company

Bosch and Milestone work together to ensure seamless integration of Bosch IP video devices within the XProtect IP video management software (VMS). Through dedicated integration efforts, a market leading integration has been achieved as the strength of the Milestone open platform software combines with high quality Bosch video IP products.

This uniquely deep Milestone integration supports all Bosch IP cameras with their existing leading edge features and capabilities. The dedicated driver pack covers a wide range of functionalities including multistream, dynamic discovery, edge storage, motion alarms, H.264 compression and Bosch embedded Intelligent Video Analytic events. The availability of Bosch devices on all XProtect products or VMS gives you an impressive range of integration possibilities.

For application specific projects, the Bosch video portfolio also includes products such as license plate capture cameras which are field proven to deliver the high contrast licence plate images needed for effective Automatic Licence Plate Recognition through XProtect.

This strong partnership will continue to develop to bring additional integration possibilities to Bosch and Milestone customers globally.

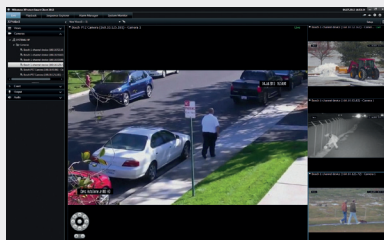
Compatibility

Milestone	Bosch devices
XProtect VMS XProtect Corporate XProtect Expert XProtect Enterprise XProtect Professional XProtect Express XProtect Go NVR XProtect Essential XProtect Go	All Bosch IP devices including: Fixed Cameras 200 Series: NDC-265-P, NDN-265-PIO, NBC-265-P, NTC-265-PI 2000 family: FLEXIDOME micro 2000, IP micro 2000 5000 family: FLEXIDOME micro 5000, FLEXIDOME indoor 5000, FLEXIDOME outdoor 5000, IP bullet 5000 7000 family: FLEXIDOME and DINION starlight HD (733), FLEXIDOME and DINION HD (832), FLEXIDOME and DINION HDR (932) 9000 family: FLEXIDOME corner 9000, DINION imager 9000, VOT-320 Thermal
XProtect Clients XProtect Smart Client XProtect Web Client Milestone Mobile	Moving Cameras AUTODOME easy II IP AUTODOME junior HD AUTODOME 7000 MIC550, MIC550IR, MIC612 Series with MIC IP Power Supply
Add-ons for XProtect XProtect LPR XProtect Retail XProtect Screen Recorder XProtect Smart Wall XProtect Transact XProtect Plug-ins	Bosch Encoders For full list of devices refer to the Bosch firmware-product matrix in the tools section of our IPP portal (www.ipp.boschsecurity.com)

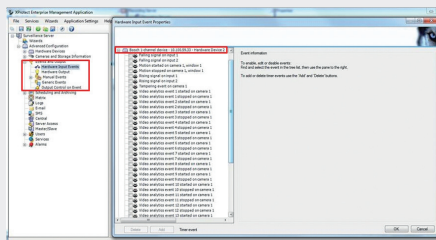
Key features covered with the Bosch & Milestone integration

Intelligent Video Analytic events	Up to eight different IVA rules can be configured via the camera interface simultaneously. XProtect can receive these events from the camera.
Tri streaming	By supplying three completely separate streams in different formats, video can be viewed and recorded in different qualities, and at the same time, video can be viewed on tools such as hand held devices.
Edge storage	Using SD-card or iSCSI attached media for local storage, the network traffic is reduced.
Management of camera settings	Allows easy configuration of camera settings directly from XProtect.
Motion alarms	Cameras that contain a built-in algorithm for detecting movement in the video can be used for receiving motion events.
Tamper detection	A wide range of configuration options is available for alarms signaling camera tampering.
H.264 compression	Using the H.264 compression standards ensures that the data rate remains low even with high image quality and can also be adapted to local conditions within wide limits.
Dynamic discovery module	Discover new Bosch devices out of the box. Product Identification: "Bosch Fixed", " Bosch PTZ", "Bosch Encoder".
Improved simultaneous PTZ	Operator can pan, tilt and zoom the camera simultaneously, allowing smooth tracking and PTZ operations.
Pre-buffering from device	Network traffic is reduced by using local storage – e.g. SD-card or attached iSCSI. Alarm events are recorded locally including configured pre-buffer and can later be retrieved by the NVR.
Application specific projects i.e. license plate capture	DINION IP License Plate Cameras capture plates 24/7, from vehicles moving at high speed and regardless of weather or lighting conditions. Field proven to deliver the high contrast licence plate images needed for Automatic Licence Plate Recognition (ALPR) through XProtect.
Multi-platform support	Availability of Bosch devices on all XProtect product platforms.

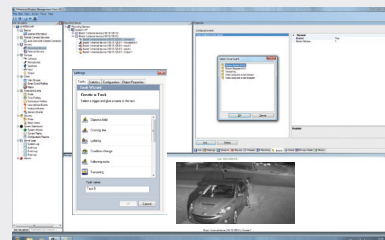
Configure and manage Bosch IP video devices through XProtect



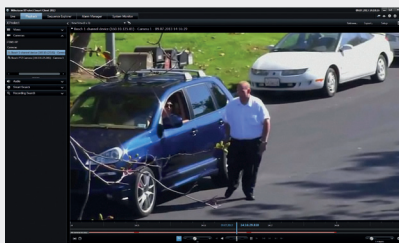
Milestone XProtect Smart Client and Bosch IP video devices.



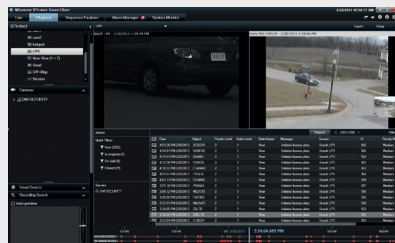
Configuring hardware input events with XProtect.



Managing Intelligent Video Analytic events.



Edge storage uses an SD-card or iSCSI attached media for local storage thereby reducing network load.



License plate capture and recognition with DINION IP license plate camera and XProtect software.

Founded in 1998, **Milestone Systems** is the global industry leader in open platform IP video management software. The XProtect platform delivers powerful surveillance that is easy to manage, reliable and proven in thousands of customer installations around the world. With support for the widest choice in network hardware and integration with other systems, XProtect provides best-in-class solutions to video enable organizations – managing risks, protecting people and assets, optimizing processes and reducing costs. Milestone software is sold through authorized and certified partners.

For more information, visit: www.milestonesys.com

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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.ipp.boschsecurity.com