



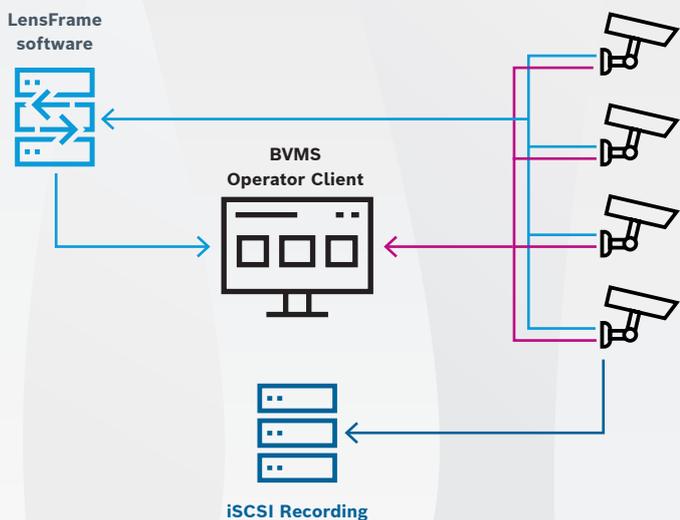
BOSCH

Invented for life

Integrated video stitching

Operate up to 16 cameras as one single camera

Bosch Security and Safety Systems and Coherent Synchro



- ▶ Operate up to 16 cameras as one single camera
- ▶ Product contextual information in a huge scene
- ▶ Balance performance and quality automatically
- ▶ Use standard Bosch video surveillance equipment



Coherent Synchro's LensFrame software seamlessly stitches multiple high resolution cameras into a single wide-angle video providing a continuous panoramic view. It provides the operator with a panoramic view of up to 360 degrees displaying hundreds of square meters on a single screen, allowing him to pan / tilt / zoom in extremely high resolution. The user does not realize the switch from one camera to another and does not need to know the exact location of the cameras and how they are connected to each other in order to pan / tilt / zoom. It is possible to stitch up to 16 cameras together. The operator then retrieves the stream of the stitched videos as a single stream. Lensframe only transmits the region of interest of the stitched video stream that the operator is looking at. The resolution is adapted automatically, depending on the zoom factor of the operator, so the high resolution is only provided when needed.

Compatibility

Coherent Synchro	Bosch devices
LensFrame v1.6.0.95	BVMS 9.0 or newer

Applications / Vertical Markets



Transportation



City Surveillance



Entertainment



Harbors and Marinas

Key features

Increased situational awareness

Complete overview of the scene thanks to panoramic view.

ONVIF based integration

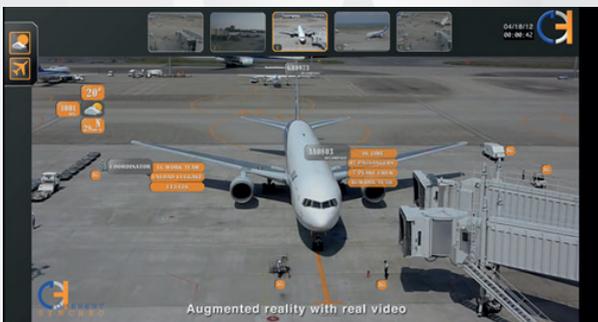
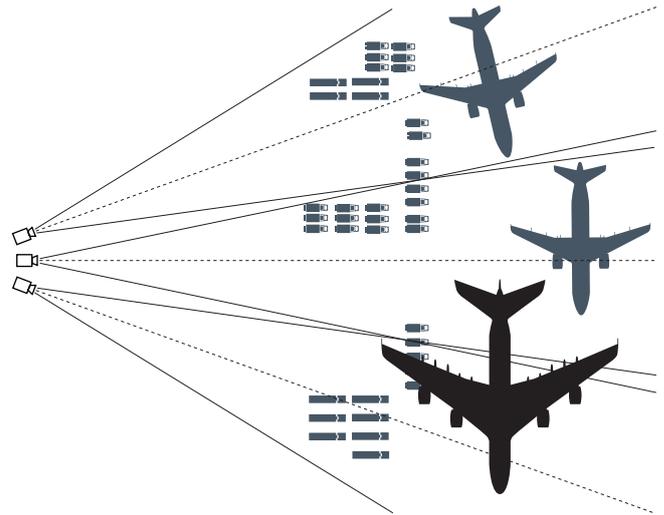
Easy integration without time-consuming testing.

Highest resilience

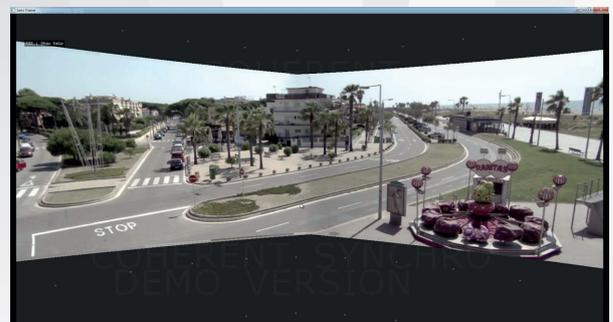
BVMS keeps operations up and running and delivers continuous live and playback video streams even when both management and recording servers fail.

Augmented Reality

Static and dynamic stamp/tag rendering for real time information monitoring.



Augmented reality



Panoramic view

The Bosch division Security and Safety 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 and Safety Systems develops and manufactures in its own plants across the world. Additional information can be accessed at www.boschsecurity.com

Coherent Synchro is a company based in Barcelona, active on the security segment and specializing in 3D technology and information rendering with high added value, where facilitating visualization is primordial. Strong from their experience in the European project SV3D, a Surveillance platform based on multi-source video analytics, localized data and cognitive interfaces, Coherent Synchro has created LensFrame, a video stitching software which stands out for its high level of versatility. Additional information can be accessed at www.coherentsynchro.com