

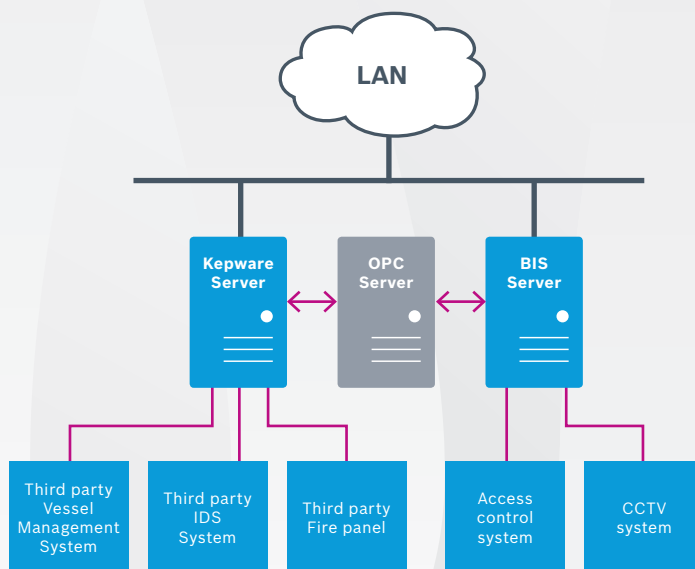


BOSCH
Invented for life

Integrated Security, Safety and Video Management Solution

Industrial Automation

Bosch Security Systems and Kepware



- ▶ Bosch BIS and Bosch VMS integrates with Kepware's KEPServerEX® through OPC
- ▶ KEPServerEX links BVMS & BIS with any digital systems
- ▶ KEPServerEX enables BIS and BVMS to communicate with 300 third party systems (BACNet, Modbus, etc.)
- ▶ KEPServerEX is designed to integrate quickly between systems
- ▶ Bosch BIS and Bosch VMS are linked to Big Data/ Data Analytic platforms through KEPServerEX



Kepware's KEPServerEX is the industry's leading connectivity platform that provides a single source of industrial automation data to all of your applications. The platform design allows users to connect, manage, monitor, and control diverse automation devices and software applications through one intuitive user interface. The Bosch Building Integration System (BIS) is a flexible alarm management system that connects to multiple subsystems such as CCTV, access control, fire system, intrusion detection and public address system, while the Bosch Video Management System (BVMS) provides a powerful video control environment coupled with on-the-edge technologies of IP cameras.

Kepware's KEPServerEX enables Bosch BIS and Bosch VMS to communicate with a multitude of different subsystems like Building Management Systems, SCADA systems, BACnet, etc. With a library of 150+ device drivers, client drivers, and advanced plug-ins, KEPServerEX is the industry's leading provider of asset connectivity on the market.

Compatibility

Kepware	Bosch Security Systems
KEPServerEX	Bosch Video Management System (BVMS) 5.5 and higher Bosch Building Integration System (BIS) 4.2 and higher

Kepware provides a portfolio of software solutions to help businesses connect diverse automation devices and software applications and enable the Industrial Internet of Things.



Oil & Gas



Manufacturing



IT/Network



Power & Utilities



Mixed Developments

Key features

Gateway to any systems

The Bosch BIS and Bosch VMS can interface and integrate with any digital interface through KEServerEX.

Integration Simplicity

Cost and time required for third party integration with Bosch BIS and Bosch VMS are drastically reduced with KEServerEX.

Multiple ready-made drivers

Bosch BIS and Bosch VMS can take advantage of more than 150 KEServerEX drivers that use common protocols like BACNet, SCADA, Modbus, etc.

BMS Integration

Bosch BIS and Bosch VMS can seamlessly integrate with any Building Management System through KEServerEX.

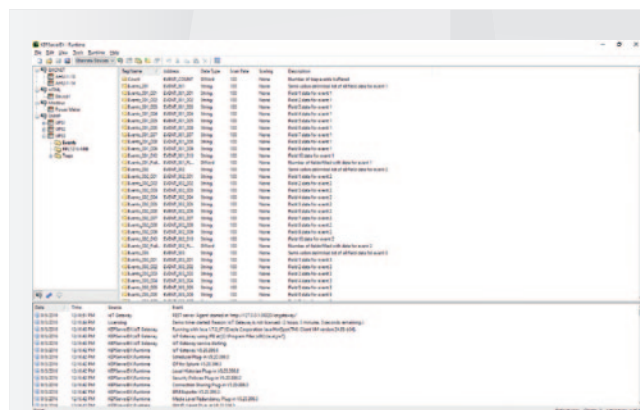
Data Analytics/Big Data

KEServerEX enables BIS and BVMS events to be sent to Data Analytics/Big Data platforms.

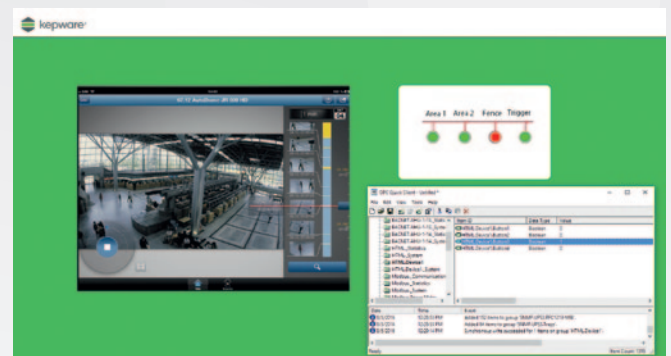
Security system as sensor

Bosch Access Control system and intelligent video analytics can detect overcrowding, which then communicates through KEServerEX to trigger actions such as optimizing the ventilation systems.

Installation / configuration notes



KEServerEX user interface with Project Configuration, Administration and Event Log



Bosch Video Management System and KEServerEX interface

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

Kepware Technologies is a software development business of PTC Inc., headquartered in Portland, Maine. Kepware provides a portfolio of software solutions to help businesses connect diverse automation devices and software applications and enable the Industrial Internet of Things. From plant floor to wellsite to windfarm, Kepware serves a wide range of customers in a variety of vertical markets including Manufacturing, Oil & Gas, Building Automation, Power & Utilities, and more. Established in 1995 and now distributed in more than 100 countries, Kepware's software solutions help thousands of businesses improve operations and decision making. Learn more at <https://www.kepware.com>.