BIS - Automation Engine (AUE) 4.1

www.boschsecurity.com

BOSCH
Invented for life

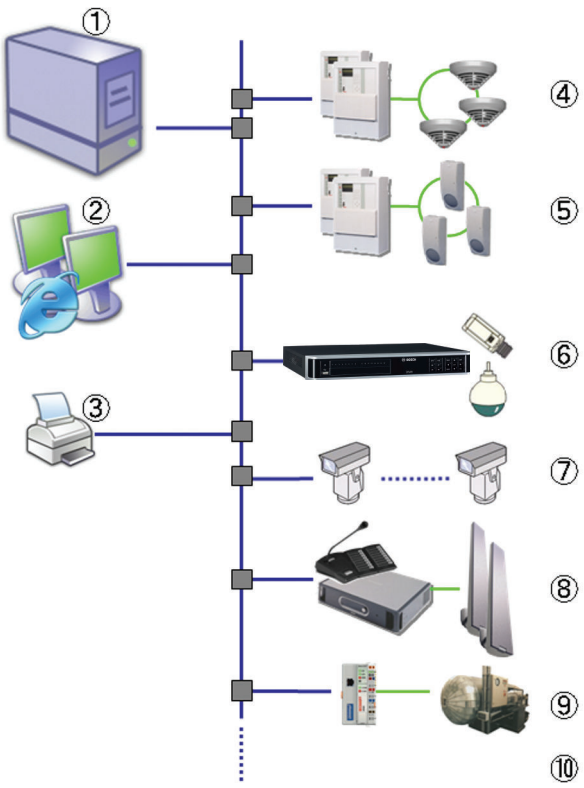
- Highly sophisticated alarm and security management system for fire and intrusion panels
- Integration of public address and voice alarm systems for efficient evacuation of buildings
- Detailed monitoring of other vital systems, such as HVAC, throughout a site
- Easy integration and configuration of subsystems through consistent use of world-wide OPC standards
- Automation of emergency responses to subsystem alarms through user-definable rules

Fire protection systems today are most often required by law, intrusion detection is crucial, and the monitoring of vital building systems like HVAC is essential to keeping an enterprise running.
This software provides some of the key functions of building integration - to connect to vital building systems, to monitor, control and to check for malfunctions.
Capitalizing on all the common BIS features together with its own special functions, the Automation Engine allows users to tailor an alarm and security management system to their specific requirements.

System overview

The Automation Engine (AUE) is one of the main modules in the BIS family. It runs either as the only engine or in combination with the other engines.
Its main function is to connect, monitor and control security systems, usually fire and intrusion panels. However, with an Alarm Document Package license, it is also possible to display live images in action plans or miscellaneous documents. For more complex video applications, we advise the use of the Video Engine.

The Automation Engine uses all the general features of BIS such as display of location maps or action plans. Alarms received can then be displayed along with all necessary information and customized action buttons. Commands can be automated by user-defined rules in the BIS state machine (see BIS overview and basic package), or invoked manually by right-clicking detector icons inside a location map.
Like BIS and the other engines, the Automation Engine runs on a standard PC with a Windows operating system. The platform can be a single computer, a client-server structure with a central server and client workstations, or a federated system with multiple BIS servers, each with their own clients.



Pos.	Description
1	BIS Server with Automation Engine SW. Multiple servers are also possible.
2	Workstations
3	Printer
4	Fire panels
5	Intrusion panels
6	Digital video recorder
7	IP cameras
8	Public address evacuation
9	Automation monitoring
10	Others

Use the BIS configuration program to define how BIS interacts with the subsystems. The Automation Engine contains a template configuration which includes typical settings for Bosch alarm panels and commands to operate them through BIS.
The specific configurations of these panels can easily be imported into the BIS configuration.

Automation Engine basic package
The AUE basic package contains the license for 500 detector points. This is usually sufficient for smaller systems.

Functions

The Automation Engine has the following functions in addition to the standard BIS features:

- Provides the connection, monitoring and control of Bosch or 3rd party security systems, fire and intrusion panels, public address and more by OPC interface
- Provides the connection, monitoring and control of Bosch or 3rd party HVAC, lighting control and energy management by OPC interface

Parts included

Qty.	Components
1	License for 500 detector points

How to order
Automation Engine can be ordered in one of two ways:

- as an integral part of an initial BIS configuration, in which case it is ordered along with a BIS basic license
- as an enhancement to an existing BIS configuration

Ordering information

AUE 4.1 Basic License
Basic license for the BIS module specified
Order number **BIS-FAUE-BPA41**

AUE 4.1 additional 100 Detector Points
License for the addition to BIS of the feature specified
Order number **BIS-XAUE-100P41**

AUE 4.1 additional 1000 Detector Points
License for the addition to BIS of the feature specified
Order number **BIS-XAUE-1KP41**

Represented by:

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:
Bosch (Shanghai) Security Systems Ltd.
203 Building, No. 333 Fuquan Road North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:
Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com

© Bosch Security Systems 2015 | Data subject to change without notice
8776253067 | en, V10, 29. Jun 2015