

## BIS - Security Engine (SEE) 4.8



The Security Engine (SEE), as one of the main functional modules within the Building Integration System (BIS), is designed to control multiple G-Series Control Panels and to monitor alarms and events from these devices, as well as from security systems connected to the Bosch Conettix D6100/D6600 Communications Receiver/Gateway.

By combining all the common BIS features with its own, SEE lets you tailor an alarm and security management system to your own individual requirements.

An unlimited number of control panel connections can be added in groups of two. Each BIS connection server supports a maximum of 32 control panel connections.

### System overview

The Security Engine Module connects to G-Series Control Panels and updates and downloads personnel database information such as user data and skeds (time schedules) to control panels through channels.

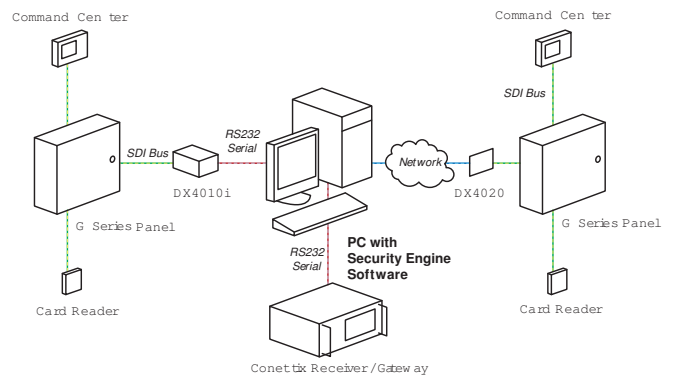
Installers can use the DX4010i Serial Interface Module to connect each control panel with a RS-232 serial cable to an open COM port on the PC. Installers can use the DX4020 Network Interface Module to connect each control panel through an Ethernet network.

Each control panel stores relevant data and uses field events to make intelligent decisions. The Security Engine supports Remote Programming Software (RPS) configuration for G-Series Control Panels.

- ▶ Provides command and control of devices from clients and servers
- ▶ Supports the administration of intrusion and entry systems in G-Series Control Panels (up to GV3)
- ▶ Supports the Conettix D6100/D6600 Communications Receiver/Gateway
- ▶ Uses serial or Ethernet communication
- ▶ Provides time schedule control

The Security Engine connects to a Conettix D6100 or D6600 Communications Receiver/Gateway through a serial or Ethernet connection.

Users can configure and monitor up to 500 accounts. The system is expandable up to 3,200 accounts for each Conettix Communications Receiver/Gateway.



### Functions

#### G Series Control Panels

The Security Engine supports the following control panels:

- D9412GV2 and GV3
- D7412GV2 and GV3
- D7212GV2 and GV3
- D9112<sup>1</sup>
- D9412G
- D7412G
- D7212G
- D7212<sup>1</sup>

<sup>1</sup> The D9112 and D7212 do not support access control readers.

**i Notice**

Version 6.60 or higher

The G-Series Control Panels offer the following features and functions:

- Built-in digital communicator with phone line.
- Multiple telephone numbers, primary and duplicate paths with main and alternate destinations.
- Programmable reports within each of four route groups.
- Optional DX4020 network interface module for two-way communication over Ethernet networks.
- Automatic test and status reports.

Number of...	D9412G and D9412GV2/ GV3	D7412G and D7412GV2/ GV3	D7212G and D7212GV2/ GV3
Points:	246	75	40
Areas:	8	8	4
Users:	249	99	99
Custom Functions:	16	4	4
Printers:	3	1	1
SKEDS:	40	40	40
Relays:	131	67	27
Readers and Doors:	8	2	N/A
Tokens:	996	396	N/A

**Admin9000**

With Admin9000 the SEE offers additional administrative tools integrated into the BIS user interface. This central part of the Security Engine allows administrators to:

- Manage a database of human resource information for up to 996 authorized users for each control panel
- Change user authorization
- Add or delete users
- Manage skeds and define scheduled events
- Design and print Photo ID badges
- Print database reports

**Alarm and Event Management**

Supported by the BIS user interface and the common BIS features you have a sophisticated alarm and event management showing the following information during an alarm:

- Alarm description (event state)
- Alarm date
- Alarm time
- Alarm location
- Panel/detector address (if supported by device)
- Operator working on alarm event
- Other configurable items

Alarm information from devices experiencing real-time events (such as door access) and alarm information from internal system events are logged in an integrated MSDE database that supports Microsoft® SQL Server™ software.

**Reports**

Security reports from the event log are stored in an HTML table that users can view using Internet Explorer. Other reports are in Crystal Reports® format that users can view using the Crystal Reports Viewer included in Admin 9000.

**SEE optional accessories**

The features listed below can be added optionally to the Security Engine installation.

**OPC9000 2 panel upgrade**

Extends the number of controllable G-series panels connected to a BIS Security Engine in steps of two.

**OPC6600 500 panel upgrade**

Extends the number of controllable accounts at a Conettix D6100/6600 in steps of 500. The maximum is 3,200 accounts.

**Video-Badging for SEE/  
Photo ID badge printing option**

Activates a component for designing and printing badges and the assignment to cardholders within the Security Engine.

**Video Verification option for SEE**

Video verification extends the security level of your G-series access control system by using additional video equipment. When a reader is in video verification mode the cardholder is not admitted directly. Instead the reader performs a request for entrance which appears as a message on the operator's screen. An action plan shows the operator the cardholder's image as stored in the SEE user database in conjunction with a live image from a camera near the entrance/reader that sent the request. The operator compares both images and decides whether or not to open the door manually.

**Technical specifications**

See the specifications for the respective version of the BIS Basic Package.

## Ordering information

### **BIS-FSEE-BPA48 Basic license**

License for the BIS Security Engine (SEE) within BIS  
Order number **BIS-FSEE-BPA48 | F.01U.386.778**

### **BIS-XSEE-2PNL48 License for 2 panels (GV1/2/3)**

License for 2 additional panels of types GV1, GV2 or GV3  
in BIS SEE

Order number **BIS-XSEE-2PNL48 | F.01U.386.779**

### **BIS-XSEE-500P48 License for 500 accounts (CONETTIX)**

License for 500 additional D6x00 accounts in BIS SEE

Order number **BIS-XSEE-500P48 | F.01U.386.780**

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