

BIS ACE Offline Doors 4.2

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Invented for life



- ▶ Extend your BIS Access Engine by the ability to control and manage doors that are not continuously online.
- ▶ Enjoy the advantages of centralized door management without the cost of a dedicated network
- ▶ Choose from a wide range of compatible lock cylinders and door fittings.

BIS Offline Doors is an optional extension to BIS Access Engine. It provides the ability to program and manage a set of door locks securely and efficiently, without requiring the locks to be continuously online.

System overview

Areas of application

Offline locking systems are ideal for controlling access to doors that need not (or can not) be continuously online. They are used where the costs of a fully online system would be too high, but conventional hardware lock-and-key systems too inflexible.

Offline locking systems are typically used for sites where a large number of doors require individually controlled access, such as hotels, students' residences, schools and hospitals.

The high cost of replacing lost or stolen keys can be avoided completely, because the system can quickly be reprogrammed to reject any cards that have been declared missing, thus rendering them useless.

Usage

In offline locking systems the authorizations for doors are stored on user cards. When the user card is presented at a door the inbuilt offline reader determines whether the card is currently authorized to open that door, and activates the cylinder accordingly. For additional security the authorizations on a card are typically limited to a particular time period. Once this period expires the authorizations automatically lose their validity.

Door terminals are programmed and reprogrammed through the use of system cards.

System cards and user cards, with their authorizations and time limits, are defined by special dialogs within BIS Access Engine, and the cards reprogrammed by enrolment readers listed below.

The BIS Offline Doors extension is integrated with and managed by the Access Engine in the Building Integration System (BIS) versions 4.0 (TU1) and higher.

Installation/configuration notes

Limits	Values
Number of doors in the basic license	25
Number of doors in the extension license	25
Max. number of offline doors	65000
Max. number of door groups	1024
Max. number of time models	16
Max. number of special days	10
Max. number of special periods	2

Reader technologies	Supported PegaSys enrollment readers (Firmware version)
MIFARE DESFire	DELTA 10x0 MD (69970) BT only
MIFARE classic	DELTA 7020 MF (69720 / 69916)
LEGIC advant	DELTA 10x0 LA (69920) BT only
LEGIC prime	DELTA 7020 LE (69633 / 69916)
HITAG1	DELTA 7020 HI1 (69462 / 69916)

Offline components	Firmware
Door fittings	MIFARE V2.1.5 LEGIC V1.9.2 HITAG V4.6B
E-cylinders	MIFARE V2.2.15 LEGIC V2.3.5 HITAG V1.6.1
Lockers	MFP16x_1.42, HW202.a90

Parts included

The offline locking system consists of software, hardware and accessories. The hardware is freely available on the open market from Bosch partners. The software license enables a number of dialogs in BIS and ACE.

Software:

- Configuration dialogs are made available within BIS and the BIS Access Engine (ACE).
- BIS and ACE are prerequisites for ordering the offline locking system.

Hardware:

- Enrolment readers. See list of supported readers below.
- Terminals for installation in door fittings

Accessories:

- System cards for initializing door terminals and updating access authorizations.
- User cards for accessing the doors within the system.

Ordering information

ACE 4.2 additional 25 Offline Doors

License for the addition to BIS of the feature specified
Order number **BIS-XACE-25OF42**

ACE 4.2 Offline Basic Package

License for the addition to BIS of the feature specified
Order number **BIS-FACE-OFFL42**

Represented by:

North America:

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

Latin America and Caribbean:

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