

Elevator access control

# Integrated solution for elevator management



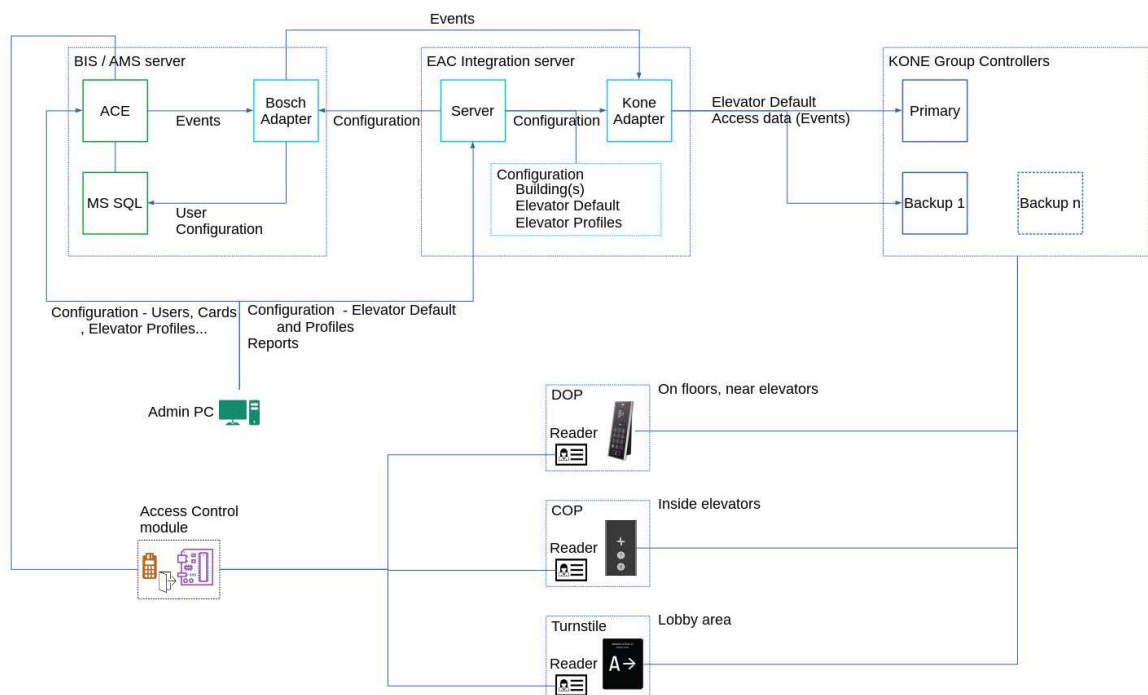
PASSCHIP EAC makes the integration of Kone elevator systems with Bosch Access Management System (AMS) and Building Integration System (BIS) possible. When an access card is swiped at a reader installed inside a Kone terminal (DOP or turnstile), the access rights of the cardholder are transmitted to the Kone controllers. This way, the access management software is able to grant the user access to Kone elevators.

The Bosch adapter from PASSCHIP EAC is an application running on the same server as AMS or BIS. The adapter's main task is to receive card swipe events from AMS and forward them to connected Kone adapters. The reader list is forwarded to the PASSCHIP EAC server(s). The Bosch adapter is also in charge of choosing the active integration server. Only the primary server (Kone adapter) connects to Kone elevator controllers. If the Bosch adapter doesn't receive messages from AMS/BIS, all servers will be configured automatically as secondary.

PASSCHIP EAC server is an application running on an integration server that allows the operator to control the system, manage elevator profiles, terminals and application users. It pushes system configuration to the Kone adapter and receives log files from it.

The Kone adapter from PASSCHIP EAC is an application running on an integration server that receives events from the Bosch adapter and sends the required requests to Kone elevator controllers. After a cardholder makes a destination choice or is assigned to an elevator, Kone Adapter sends a log event back to the EAC server integration database and is responsible for setting Default Access Masks for Kone elevator controllers.

- AMS and BIS cardholder has elevator access rights
- Real-time operation
- Shows system status
- Multiple buildings supported
- PASSCHIP ACE configuration via web interface
- Easily configure Kone Adapter, Bosch Adapters and ACE server via configuration file located in the program's folder
- Enable or disable communications between Kone Adapters and Kone elevator controllers via web user interface
- Export event logs as Excel files





Airports



Data Centers



Commercial Buildings



Industrial Manufacturing

## Key features

- **AMS/BIS is used to grant access rights to Kone elevators**
- **Card swipe events are sent from AMS/BIS to PASSCHIP ACE**

## Compatibility

Passchip Technology	Bosch Security and Safety Systems	KONE
Bosch Adapter	Access Management System 3.0 and higher	DCS elevator system
EAC Server	Building Integration System / ACE 4.8 and higher	
Kone Adapter		

#	Name	Type	Building	Floor	Lifts	Active	Brand/Model	LiftGroup	SerialNumberID	Public	Profile ID
<input type="checkbox"/>	DOP4	DOP	Tower 1	1	A	Yes	Kone DOP 4	LiftGroup1	1		DOP Specific DOP1
<input type="checkbox"/>	DOP8	DOP	Tower 1	1	B	Yes	Kone DOP 8	LiftGroup1	2		DOP Specific DOP2
<input type="checkbox"/>	DOP11	DOP	Tower 1	18	A, B, C, D	Yes	Kone DOP 11	LiftGroup1	10		DOP Specific DOP2
<input type="checkbox"/>	DOP12	DOP	Tower 1	56	A, B, C, D	Yes	Kone DOP 12	LiftGroup1	11		DOP Specific DOP2
<input type="checkbox"/>	DOP13	DOP	Tower 1	34	A, B, C, D	Yes	Kone DOP 13	LiftGroup1	200		DOP Specific DOP2
<input type="checkbox"/>	DOP14	DOP	Tower 1	1	A, B, C, D	Yes	Kone DOP 14	LiftGroup1	13		DOP Specific DOP2
<input type="checkbox"/>	DOP21	DOP	Tower 2	1	E, F	Yes	Kone DOP 21	LiftGroup2	20		DOP Specific DOP2
<input type="checkbox"/>	DOP22	DOP	Tower 2	38	E, F	Yes	Kone DOP 22	LiftGroup2	210		DOP Specific DOP2
<input type="checkbox"/>	Turnstile 11	Turnstile	Tower 1	1	A, B, C, D	Yes	Kone Turnstile 11	LiftGroup1	13		Disconnected Profile DOP Specific DOP2
<input type="checkbox"/>	Turnstile 12	Turnstile	Tower 1	56	A, B, C, D	Yes	Kone Turnstile 12	LiftGroup1	11		Disconnected Profile DOP Specific DOP2

Terminals page

ADD DELETE UPDATE

Name: DOP 1 2

Lifts: A B C D

Terminal Type: DOP

Active: Yes

Terminal ID: 11

Bosch Reader: Kone DOP 1 2

Connected Profile: DOP Specific DOP2

Disconnected Profile: DOP Specific DOP2

Building: Tower 1

LiftGroup: LiftGroup1

Floor: 56

Every terminal has a set of configurable attributes

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