

AEOS and wireless online locks

AEOS integrates with many wireless online lock systems, which enable doors to be secured without the need for cabling all the way to the door. Doors equipped with wireless online locks in almost all cases behave like normal online doors. So authorisations can be changed, users can be blocked and remote access can be granted instantly.

Integrations

AEOS controllers integrate with wireless locks through cabled hubs from third party suppliers. All commands and events are communicated via these hubs, to and from the online locks. As with all online lock integrations, the locks are wireless but hubs are wired. Authorisations and events can be managed in the AEOS application, and are communicated to the online locks via the wireless connection between hubs and the locks.

Integrations available

- Salto | Sallis
- SimonsVoss | SmartIntego
- Uhlmann & Zacher | Clex Private
- Assa Abloy | Aperio

Functionality

Integrating wireless online locks with AEOS enables the following functionalities:

- Give authorisations.
- Monitor door status.*
- Provide remote access.
- Set unlock schedules.*
- Use toggle functionality.

*See next page.

Functionality overview

	Integrations				
	Salto Sallis	SimonsVoss SmartIntego	Uhlmann & Zacher Clex Private	Assa Abloy Aperio V2	Assa Abloy Aperio V3
Use PIN code on lock for identification					✓
Use PIN code on lock for verification					✓
Toggle mode: first card presentation opens door, second closes door	✓	✓	✓	✓	✓
Whitelist: last x amount of cards have access when lock is offline					✓
Send 'unlock door' command from AEOS	✓	✓			✓
Set definable schedules to unlock door(s)	✓	✓			
Temporary storage of offline events on lock	✓				✓

Events shown in AEOS application

Low battery status	✓	✓	✓	✓	✓
Door status (locked/unlocked)	✓			✓	✓
Use of door handle				✓	✓
Use of key cylinder				✓	✓
Bolt status: door opened/closed				✓	✓
Tamper status				✓	✓

Considerations & limitations

Depending on the supplier, there are some limitations. Those mentioned below are limitations relating to AEOS.

	Integrations			
	Salto Sallis	SimonsVoss SmartIntego	Uhlmann & Zacher Clex Private	Assa Abloy Aperio
Number of IP hubs per controller (AEpu)	<i>Limit is not on number of hubs, but on number of locks per controller</i>			
Number of connected locks per controller (AEpu) via IP hubs*	32	32	32	32
Number of 485 hubs per controller (AEpack)	1	<i>No 485 hub (only IP hub)</i>	1	1

Check supplier for the number of locks that can be connected to one of their hubs

*A maximum of 32 access points can be configured for each controller.