

Gallagher | Aperio

Wireless Access Solutions

The Gallagher Aperio integration provides cost-effective, wireless access control for lower security doors. The Aperio integration is particularly suited to doors that require some level of security, but the cost of a fully wired and monitored door cannot be justified.

Gallagher | Aperio solution benefits

- Saves on installation costs since it doesn't require power supply or data cables. This makes it an ideal choice for locations without network connectivity, such as heritage buildings.
- Reduce risk and prevent liability issues by combining Command Centre's ability to monitor competencies with wireless access functionality. Expired or insufficiently trained card holders will be prevented access from areas they shouldn't be in. Comprehensive audit trails are kept making all this entry/exit information available for reporting.

Gallagher | Aperio integration features

- Remote lock/unlock override
- Emergency lockdown zones
- Schedule updates with mini pole
- Door position sensing (HW dependent)
- Classic and DESFire EV1/EV2/EV3
- Gallagher mobile credentials*
- Privacy mode and override
- User PIN and keycode
- Key override taken
- Offline Smart Cache
- Aperio lock version detection (Aperio V3)

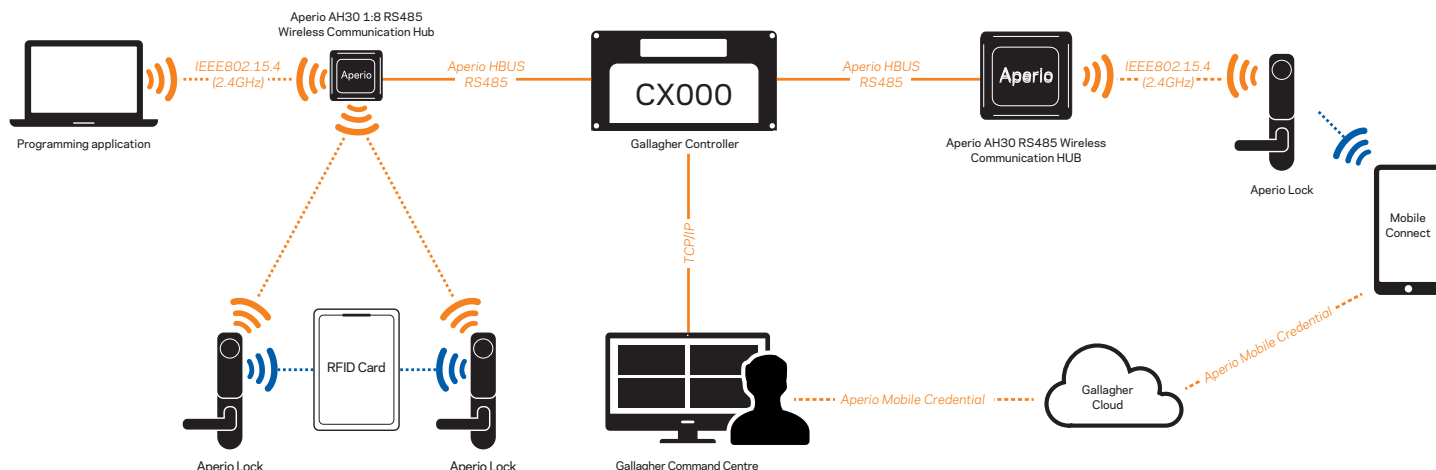
**Supported on Command Centre v9 (or later)*



How the solution works

The integration between Aperio and Gallagher ensures a wide range of wireless RFID solutions are possible, all able to make use of Command Centre's powerful reporting and access control capabilities.

Solution architecture



Note: A maximum of 20 Aperio readers can be connected to a Controller 6000 (up to 16 readers per Aperio RS485 bus). Gallagher mobile credentials support compatible Aperio devices on Command Centre v9 (or later).

Feature reference

Features	Access Control Technology	
	Aperio V3	Gallagher Wired Reader
MIFARE Classic or DESFire card encoding	✓	✓
Gallagher mobile credentials	✓*	✓
Management of cardholders and access	✓	✓
Site activity reporting	✓	✓
Centralized alarm management	✓	✓
Competencies	✓	✓
Real-time event and alarm updates	✓	✓
Evacuation reporting	✓	✓
Site lockdown	✓	✓
Door monitoring (forced door, door open too long)	✓	✓
Online, automated update of door locking schedules	✓	✓
Alarm zone control at the door	✓	✓
Integration of access and alarm zone status		✓
Contact ID alarm reporting		✓
Operator initiated door overrides	✓	✓
Operator initiated access mode overrides	✓	✓
Time & Attendance reporting		✓
User pin authentication only	✓	✓
Multi-factor authentication at the door (e.g. Card+PIN)	✓	✓
Duress entry		✓
Anti-passback and anti-tailgating		✓
Challenge viewers		✓
Interlocking doors		✓
Zone counting		✓
Lift control		✓
Emergency override	✓	✓
Door unlock duration	✓	✓
Second User Card Access (2 card entry)	✓	✓

*Supported on Command Centre v9 (or later)

Aperio product reference

Features & compatibility	Aperio Model										
	AU100	C100/ P100	H100	E100	PR100	IN100	K100	KS100	A100	L100	G100
RS485 1:8 Aperio Hub	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MIFARE Classic	✓	✓	✓	✓		✓	✓	✓		✓	✓
MIFARE DESFire	✓	✓	✓	✓		✓	✓	✓		✓	✓
Gallagher mobile credentials*	✓	Q2: 2024	✓	✓		Q1: 2024					
Battery monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Customer encryption	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online event monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mini Pole (5-10 second)	✓	✓	✓	✓		✓				✓	✓
Privacy override mode						✓					
Offline memory cache	✓			✓		✓	✓	✓		✓	✓
Offline access	✓	✓	✓	✓		✓	✓	✓		✓	✓
Flat battery recovery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Door position sensing	✓				✓	✓	✓	✓	✓	✓	✓
Keypad	✓			✓	✓					✓	✓

*Supported on Command Centre v9 (or later)

Supported products

A wide range of Aperio products can be deployed easily with the Gallagher solution, a selection of currently supported products is displayed below. For more detail on Aperio products, please contact your nearest Gallagher representative.



C103 Cylinder V3



AU100 V3



KS103 V3



E100 V3



IN100 V3



H103 V3 Handle RH V3



K103 V3



G103 V3 Glass Door V3



AH30 Communications Hub



P103 V3 Padlock



Wireless USB Dongle



H103 USB Adapter

Note: MIFARE Classic, MIFARE DESFire EV1, MIFARE DESFire EV2 and MIFARE DESFire EV3 are registered trademarks of NXP B.V.

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