

AC2000 Aperio IP Hub Integration

Aperio Wireless Locks



Key Features

- Aperio TCP/IP Hub integration
- Up to 16 locks per hub
- Connects through IP to RTC (Real Time Computer)
- Configured on AC2000 Devices application
- OneShot and Broadcast open doors from AC2000 software (v3 locks only)
- Support for Aperio v2 and v3 locks
- Support for Mifare/DESFire smart cards
- Support for reading DESFire cards with AES encryption

AC2000 Aperio IP Hub integration

The AC2000 Aperio IP Hub integration offers a seamless interface to Aperio IP Hubs, allowing for up to 16 doors to be controlled wirelessly through a single Aperio Hub.

The Aperio locks send card information to the IP hub which communicates with the RTC (Real Time Computer) via TCP/IP.

The RTC makes the decision to allow or deny access and sends the response to the IP hub.

The Aperio IP hub integration offers a cost effective solution for integrating wireless locks. There is no need for RS485 cabling as all hubs are connected via IP/Ethernet.

Aperio Integration Features

The AC2000 Aperio IP Hub integration allows powerful access control features of AC2000 to be combined with Aperio Wireless locks. Door positions, lock state and battery status can be monitored to provide real time access control alarms and events.

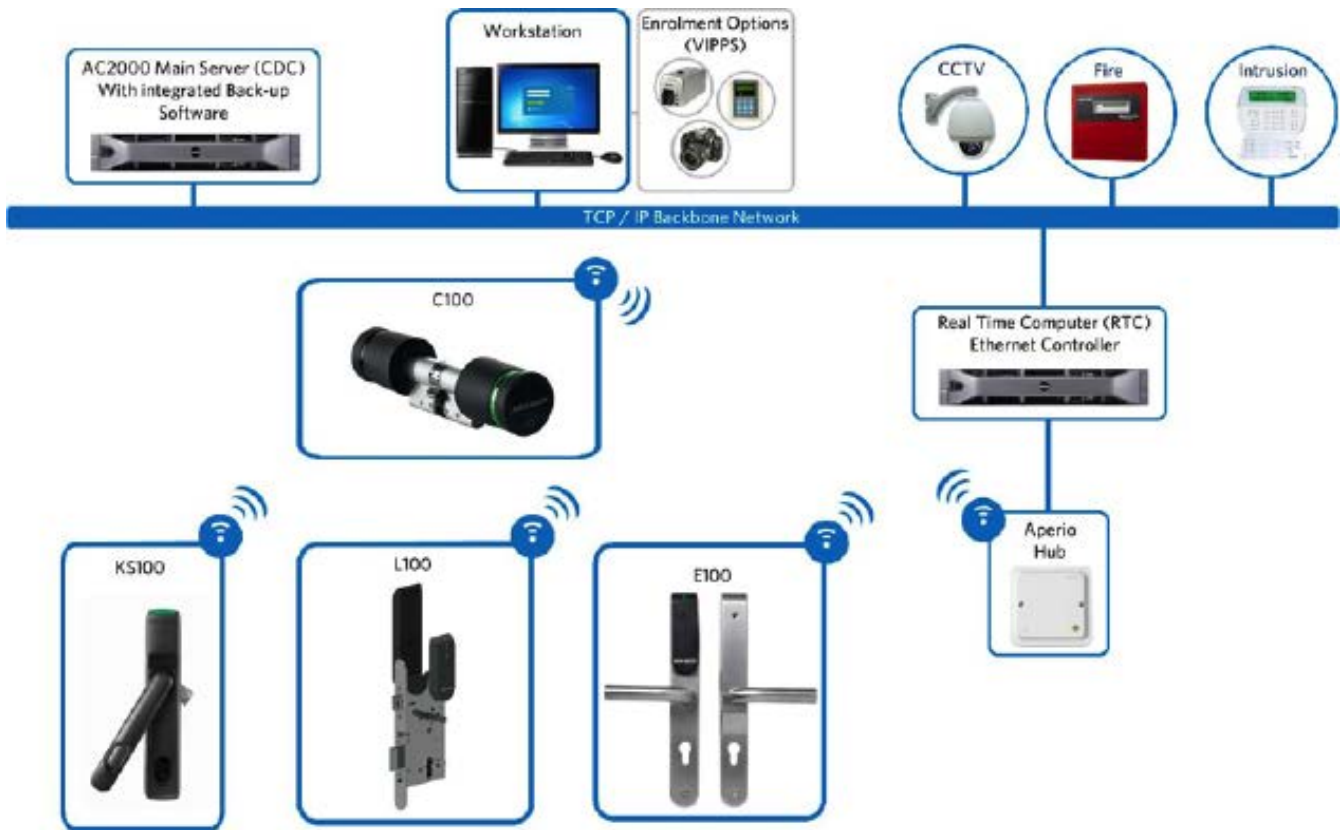
Aperio Access control events and alarms can trigger features within AC2000 including broadcast and Temporary Extra Access. Broadcast will allow doors to be broadcast open for defined periods of time which can also be linked to Timezones.

Aperio Wireless Locks Features

- Communication from hub via IP to AC2000 – access decision is made by the RTC
- Can be used with all European (DIN) mortise locks in wooden, steel and tubular-frame doors
- Main electronics (RFID + radio) outside – security-relevant electronics inside
- Outside handle rotates freely – inside handle always engaged
- Possibility to store up to 10 emergency cards (only used in case of disconnection from the hub)
- LED for status visualisation

Aperio IP Hub Features

- Connects to AC2000 via IP/ Ethernet connection
- Allows to connect up to 16 Aperio® devices on a single hub
- Integrated antenna with the option to mount an external antenna
- Encrypted radio communication
- TCP/IP communication encrypted using TLS 1.1/1.2
- Powered using Power over Ethernet (PoE) or external power supply
- LED for status visualisation



Ordering Information

Product Code	Description
SWAPERIO-016	Assa Abloy Aperio 16 Door Licence
SWAPERIO-032	Assa Abloy Aperio 32 Door Licence
SWAPERIO-064	Assa Abloy Aperio 64 Door Licence
SWAPERIO-128	Assa Abloy Aperio 128 Door Licence
SWAPERIO-192	Assa Abloy Aperio 192 Door Licence
SWAPERIO-256	Assa Abloy Aperio 256 Door Licence

Requirements

- AC2000 Airport v7.1 software & upwards
- AC2000 v7.1 software & upwards
- AC2000 Lite v7.1 software & upwards

Related Products



- AC2000
- AC2000 Lite
- AC2000 Airport

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CEM/B/371 Rev A

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