

Solution Overview



Netgenium have partnered with **ASSA ABLOY** to offer wireless access control as an additional option to the existing wired IP access control solution

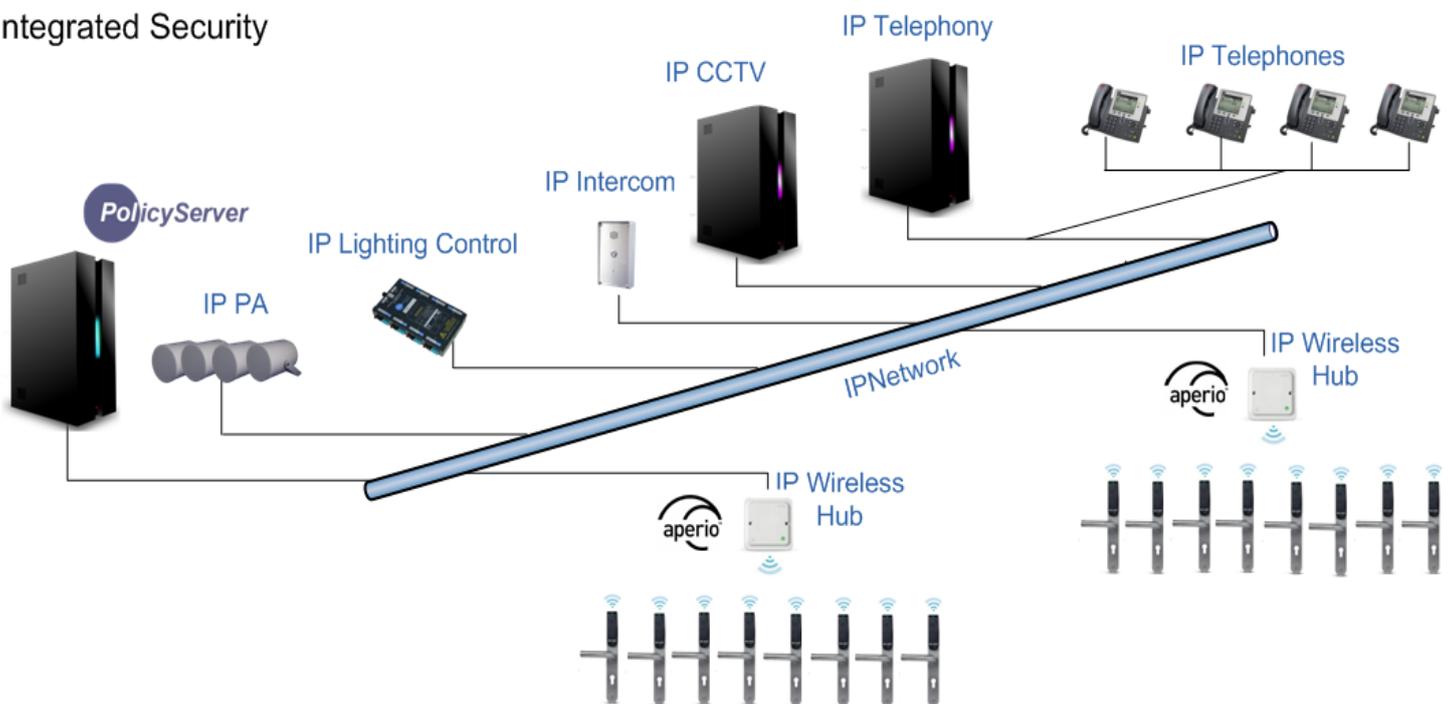
This Aperio™ solution offers the latest in wireless access control technology for security doors providing a highly cost effective, alternative or addition to a high-end wired solution.

Aperio™ IP Wireless hubs register and authenticate with PolicyServer over the IP network, ensuring none of the benefits of intelligent building integration are lost. Each wireless hub can support up to 8 locksets via a wireless connection and PolicyServer can support multiple wireless hubs.

The wireless hubs will happily co-exist seamlessly with wired lock controllers on PolicyServer to provide a best of breed wired and wireless security solution.



Integrated Security



E100 Online Escutcheons



- Communication from IP Hub to the Online Access Control System (addressable) - access decision in the EAC system
- 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

L100 Online Locks



- Communication from IP Hub to the Online Access Control System (addressable) - access decision in the EAC system
- Main electronics inside - Reader element outside including emergency battery connector and indication LED's
- Intelligence split structure enables extreme temperature range (-40°C to +65°C)
- Outside handle controlled by electronics - Inside handle always engaged (request to exit sensor included)
- Integrated sensors for bolt and door position, mechanical key override
- Possibility to store up to 10 emergency cards (only used in case of disconnection from the hub)

C100 Online Cylinders



- Communication from IP Hub to the Online Access Control System (addressable) - access decision in the EAC system
- Compatible with all DIN mortise locks, suitable for locks on glass door wings and walls
- Main electronics (RFID + radio) in the outside knob - secure electronics inside cylinder core
- Freely rotating lock cam
- Outside knob free wheeling - inside knob always engaged
- Possibility to store up to 10 emergency cards (only used in case of disconnection from the hub)

IP PoE Hub



- For connection to EAC system via IP/Ethernet connection
- Allows to connect up to 8 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
- For standard electrical installation boxes
- LED for status visualisation