Aperio Technology

Wireless access control - The evolution starts here

ASSA ABLOY

aperio™

The global leader in
door opening solutions

Aperio Overview

Aperio is a new technology developed to complement new and existing electronic access control systems, providing end users with simple, intelligent way to upgrade the controllability and the security level of their premises.

The heart of Aperio is a short distance wireless communication protocol; designed to link an online electronic access control.

Application

An access control system is standard equipment for companies and public administrations and provides buildings with a very high standard of security. However, installing access control doors is very expensive due to the extensive wiring required. This is why access control systems often only cover doors with very high security requirements.

All other doors have mechanical locks and therefore cannot be monitored and managed. If a master key is lost, there can be a major security risk – not a satisfactory set of circumstances for security officers.

This is where Aperio technology comes in. Doors merely need to be equipped with wireless Aperio battery-powered cylinders, escutcheons or locks with integrated RFID readers and linked to the access-control system online via a communications hub ASSA ABLOY's Aperio technology allows security and facility managers to conveniently and cost-effectively increase the number of doors that can be monitored.

Aperio as HID genuine certified technology it supports a range of credentials including iCLASS, MIFARE, DESFire, SEOS, Legic and 125 kHz Proximity (HID PROX/ EM410). With such a vast range of credentials supported there is generally is no requirement to replace issued credentials.

Key Features

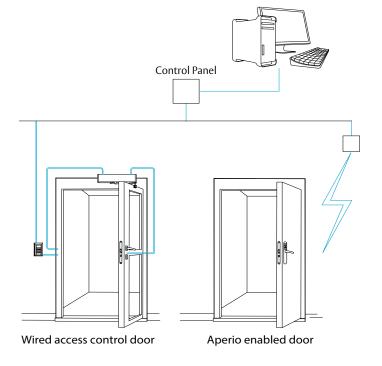**Affordable online door control of internal Doors**
- Few Components
- Very easy installation
- No changes to existing access control installations

Extends existing access control system
- Connects over standard interface
- No Separate management software:
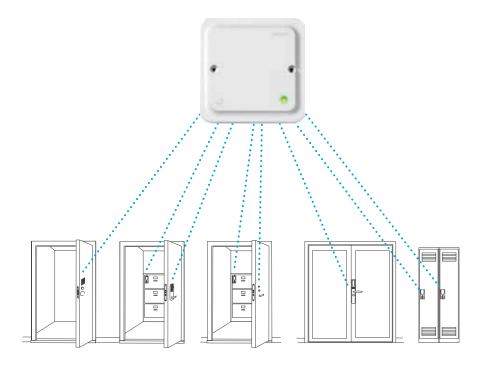 - uses existing access control system management software
- No change of cards

Enhances security for internal doors
- Eliminates key management issues
- Authorization changes in real time
- Encrypted communication
- Audit trails and time zones through existing system

Control Panel

Wired access control door

Aperio enabled door

The 1 to 8 Communication Hub

- Live real time access & audit
- Significantly reduces cost for integrated access control doors
- Reduced time and effort required for installation
- Connects up to 8 Aperio devices
- Operates on a transmission range of about 25 meters

Aperio Components

C100 Cylinder
Converts any mechanical cylinder to an access control door.

K100 Cabinet Lock
Audit trail to medicine cabinets, cupboards, display cases, etc.

KS100 Data Cabinet Lock
Control access to data cabinets and servers. Data centre rack access solution.

E100 Escutcheon
All in one door furniture and reader with key override.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

As the world's leading lock group, ASSA ABLOY offers a more complete product range of door opening solutions than any other company on the market.

ASSA ABLOY

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