Aperio Technology
Wireless access control - The evolution starts here
**Aperio Overview**

Aperio is a new technology developed to complement new and existing electronic access control systems, providing end users with a 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’s HID genuine certified technology supports a range of credentials including iCLASS, MIFARE, DESFire, SEOS, Legic and 125 kHz Proximity (HID PROX/EM410).

**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
- Authorisation changes in real time
- Encrypted communication
- Audit trails and time zones through existing system
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 approximately 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.

AU100 Escutcheon
All in one door furniture and reader and keypad with key override and full door monitoring.
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.

Head Office
ASSA ABLOY Australia Pty Limited
235 Huntingdale Road
Oakleigh Victoria 3166
Australia
+61 1300 562 587

www.assaabloy.com.au

Disclaimer

Whilst every effort has been made to ensure that the information (including product images and drawings) contained in this brochure is accurate at the time of publication, ASSA ABLOY Australia Pty Limited (“ASSA ABLOY”) recommends that you consult ASSA ABLOY or its agents prior to placing an order to ascertain current information on specific products, as ASSA ABLOY reserves the right to make changes without notice. ASSA ABLOY will not be liable for any injury, loss or damage whatsoever, arising from any errors or omissions in the information contained in the brochure or arising from the use or application of the information contained herein. © 2018 copyright by ASSA ABLOY All rights reserved