



MECHATRONIC LOCKS: HIGH-TECH DOORS

The security and anti-theft systems of Zucchetti Axess are enhanced with the APERIO mechatronic locking system from ASSA ABLOY, which enables wireless connection of door locks to the access control system.

Aperio™ is the new global technology from ASSA ABLOY which enables wireless linking of mechanical locks to Zucchetti Axess access control system without any need to modify doors. With Zucchetti Axess, a wireless short-range encrypted high security communication protocol is able to ensure an easy and secure integration.

Thanks to Aperio technology, Zucchetti Axess control system is extended to the gates eliminating from the roots the problem of keys and their complex maintenance.

Indeed, the mechatronic locking system is run directly from Xatlas, the software that controls the entire access control system, becoming an integral part of this plant.

The wide range of locks allows adapting the system to any profile and requirement.

Locks and handles can be easily connected through Zucchetti Axess last generation terminals. The full range of Aperio products allows finding the ideal solution for doors all over the world. Possible configurations by Zucchetti Axess systems:

CONFIGURATION 1

FE DOOR or FE GATE	HUB WIRELESS-485 1-1 or 1-8	WIRELESS KNOB CYLINDER (not more than 8 in one FE-DOOR)
		

CONFIGURATION 2

AX DOOR or AX GATE	HUB WIRELESS-WIEGAND 1-1	WIRELESS CYLINDER AND KNOB (1 connectible to AX DOOR and 2 to AX GATE)
		

ADVANTAGES

Adding APERIO mechatronic locks from Assa Abloy to your own access control system means:

- Choosing from a wide range of locks adapted to any profile and requirement;
- Easy installation;
- Using long-lasting battery powered devices: over 40,000 readings - 3 years
- Using wireless technology which eliminates cables and enhances security;
- Extending access control to building doors easily and quickly;
- Using one badge for all the requirements for presence and access;
- Eliminating mix badge and keys;
- No more lost keys and locks replacement: lost badges are immediately invalidated and replaced with valid badges;
- Support of main RFID standards: 125 Khz, Mifare, iClass, DES Fire;
- Updating access permits on-line and in real time;
- Lower management costs: a single “mechatronic” item is the access control reader and the mechanical locking system.