

HIRSCH**ASSA ABLOY**

Velocity Integration with Assa Abloy Aperio® Wireless Locks

Access Control Delivered Wirelessly



Flexible, Feature-Rich, and Easy to Install

When flexibility and scalability is a requirement, Velocity Software combined with ASSA ABLOY's Aperio wireless lock systems is the perfect solution. The Aperio wireless lock integration with Hirsch Velocity system gives users unparalleled capabilities not found with similar integrations. Having access to a full feature-set typically only available with wired locks, this integration allows for the most secure, advanced configuration options.

By combining the power and cost-effectiveness of Hirsch Mx-1 Controllers, Velocity's configuration and management options, and the flexibility of the Hirsch Aperio wireless lock system, Hirsch is able to provide users and integrators with even greater capabilities and design options at industry-leading price points.

Advanced, Wireless Features

Wireless doors are meant to fix a number of design and environmental issues that challenge physical access systems, but typically only offer the ability to momentarily open a door when deployed.

By integrating with Hirsch Velocity, ASSA ABLOY's Aperio wireless lock system expands capabilities to the entire suite of leading-edge Velocity features, including the flexibility to grow campus size, monitor door statuses in real-time, and manage traffic based on threat levels.

- Secure more doors with less wiring
- Easy installation without interruption
- Flexibility for growing schools, university campuses, healthcare facilities and other high-traffic businesses
- Add physical access control to historical buildings and facilities with building materials not suitable for standard wiring
- Real-time door status monitoring with alarm viewer, status viewer, and reports plus greater control of schedules during holidays



About Aperio

Aperio is a global platform that uses local, wireless communications between a lock and hub to connect to an access control system, eliminating the greatest cost and inconvenience of traditional access control — wiring at the door — and adding security to unsecure doors quickly, easily, and affordably.

Velocity's integration supports wireless Aperio locks for server racks and interior cabinets, as well as a wide range of flexible and customizable door locks to match almost any existing door.

Aperio Features

- IEEE 802.15.4 wireless communication between the lock and an Aperio hub, connected to Hirsch Velocity
- AES 128-bit encryption between the Aperio hub and wireless locks
- Global wireless platform addressing a wide range of security requirements
- ANSI/BHMA Grade 1 hardware offering the highest degree of physical security available in access control locks
- Large selection of door locks, server rack locks and cabinet locks

Velocity Features and Benefits

- Multiple function credentials
- Multiple credentials per user
- 366-day holiday schedule over two (2) years and four (4) holiday schedules per time zone
- Automatic daylight saving time adjustment
- Restrict access by time of day, day of week, door, or alarm condition
- Momentary access
- Additional user functions
- Special needs time extension
- Two (2) person access with A/B rule by door with executive override
- Tag user for tracking
- Door status monitoring, including door forced, door open too long, and autorelock
- Traffic management based on 99 threat levels, featuring reader disable, user restriction, and dual required
- Direction control passback including hard/soft, timed, internal restriction, passback zones with executive override, and regional per XBox
- Occupancy counting including automatic mask/unmask of alarms based on occupancy count
- Temporary user controls including use count limits (1-255 users), temporary day limits (1-255 days), absentee rule limits (1-255 days), disable or delete on expiration of temporary users, and regional per XBox
- Entry/exit delays for alarm control
- Extensive zoning capabilities of alarms
- Alarm input state change and mask status reporting
- Alarm action features including TZ control of all options and trigger CZ on alarm and secure

Part Numbers

Part number	Description
MX-1-W	Velocity security management application software license. For Mx-1 only, adds 8 wireless locks, counts against module license. Requires VEL-SERVER or VELFED100/250. First year SSA (Software Support Agreement) required, not included.
SSA-MX-1-W	Velocity Mx-1, 8 wireless locks Software Support Agreement - 1 Year.*

*One Month, 3 Year and 5 Year options available.

