

# AC2000 Salto off-line locks

## Integrated off-line lock support using SHIP



### Features That Make a Difference:

- Seamless integration with CEM AC2000 System.
- Virtually unlimited number of off-line locks supported.
- Off-line lock control is suitable for storage areas, office spaces etc. where real-time security monitoring is not a priority.
- Flexible design that can be fitted to almost any type of door.
- High level interface via Ethernet between AC2000 and off-line lock system using SHIP (Salto Host Interface Protocol).
- Salto online readers to update cards for off-line reader access.
- Off-line transactions synchronized with AC2000 Server.
- Based on SHIP specification v1.19b.

The CEM AC2000 interface to Salto off-line locks allows communication with the Salto server and control of cardholder access permissions to off-line locks, directly from AC2000 Access Control System. This seamless interface supports bi-directional communication with the Salto system utilizing SHIP (Salto Host Interface Protocol).

The Salto off-line locking solution offers flexibility within any project where cabling is an issue.

Salto off-line locks can be installed on almost any type of door ranging from narrow profile, aluminium doors, heavy duty doors, panic bars, glass doors and many more.

With the Salto off-line lock solution no cabling is required to the actual lock installation. If required, door inputs can be wired separately to CEM online devices for real-time monitoring.

Additional doors can be added to a customer's existing security system at a low cost. Doors fitted with Salto off-line lock technology are integrated and managed within the existing AC2000 system.

### Salto online readers - hotspots

Off-line locks can be accessed by a card holder only after appropriate access permissions are written to the card by swiping a card at a hot-spot reader. This will update and activate access to offline locks.

The off-line lock access permissions are managed on the central AC2000 system.

By default, access to off-line locks will expire after one day, unless a card is updated with a fresh hotspot transaction.

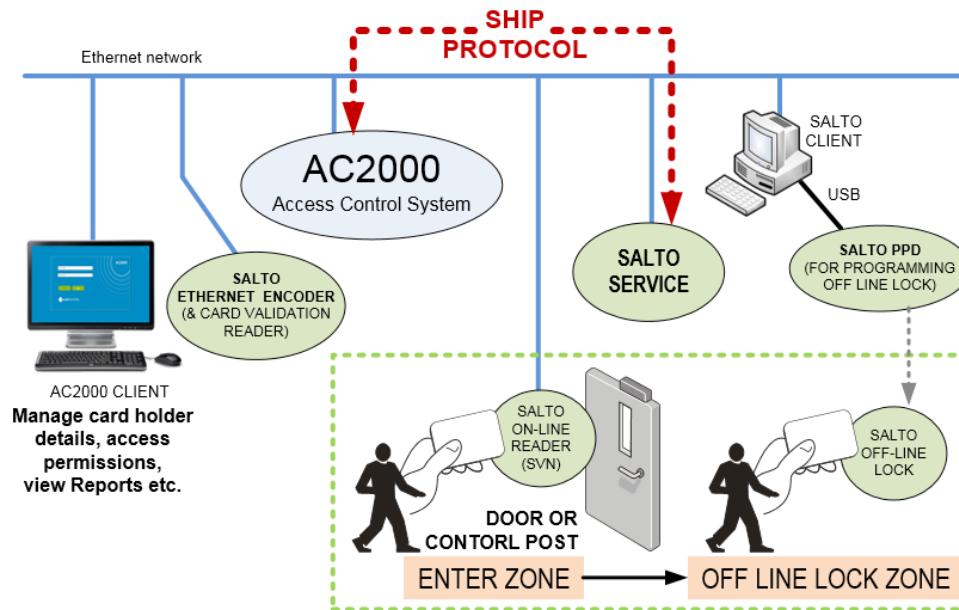
### SHIP Interface

The AC2000 support for off-line locks utilizes a high level interface to SHIP (Salto Host Interface Protocol). The AC2000 Access Control System and the Salto off-line lock system exchange cardholder data via SHIP communications over an Ethernet network. Salto online readers (hotspots or control points) are used to update a card with access permissions for off-line lock use. In addition, cardholder off-line door transactions are also reported back to the Salto server. AC2000 will poll the Salto server frequently to retrieve off-line transactions for reporting and trending.

### Nested off-line lock access control

In the case when highly secure CEM readers and real-time monitoring are not required, doors can be fitted with Salto off-line lock technology, creating a fully integrated and managed lock solution within the AC2000 access control system.

Off-line locks can be placed into a controlled nested area, for example within a zone of online CEM readers for added security.



## Requirements

- AC2000 v7.0 & upwards, AC2000 Airport v7 & upwards or AC2000 Lite v7 & upwards
- AC2000 System license to cover total number of doors on the system
- AC2000 Salto off-line locks Interface license to cover required amount of off-line doors
- Salto off-line lock products:
  - Salto Pro-Access For Service (version 12.2.5.210 or above) and SALTO Service RW (version 3.4.2.309 or above) (requires Microsoft Windows PC and Microsoft SQL server)
  - Salto Ethernet smartcard encoder
  - Salto Portable Programming Device (PPD)
  - Salto online card reader (minimum 1, to write off-line access permissions)
  - Salto off-line locks

## Ordering Information

Product Code	Description
SWSHIP-16	Interface license for up to 16 door Salto Off-line locks
SWSHIP-32	Interface license for up to 32 door Salto Off-line locks
SWSHIP-64	Interface license for up to 64 door Salto Off-line locks
SWSHIP-128	Interface license for up to 128 door Salto Off-line locks
SWSHIP-192	Interface license for up to 192 door Salto Off-line locks
SWSHIP-256	Interface license for up to 256 door Salto Off-line locks

## Related Products



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