

New Product Announcement: AC2000 v7.1 Integrations

CEM Systems is pleased to announce the release of the latest integrations update for AC2000 v7.1 suite of access control and security management software. **AC2000, AC2000 Airport** and **AC2000 Lite** are now available with a new range of integration interfaces that increase the performance, simplicity and scope of the system.

Integration Interfaces

Assa Abloy Aperio Wireless Locks

AC2000 now supports full integration of Assa Abloy Aperio wireless locks. Locks are added into AC2000 just like normal CEM card readers allowing for remote monitoring of alarms and remote door opening



The AC2000 Aperio IP Hub integration offers a seamless interface to Aperio IP Hubs, allowing for up to 16 doors to be controlled wirelessly through a single Aperio Hub

Assa Abloy Aperio:

- Wireless communication with highly secure AES128 encryption.
- Aperio Hub easy to install and powered using Power over Ethernet (PoE) or external power supply
- Live door lock monitoring
- Locks are available in wide range of options:



Interface Features:

- Full interaction with AC2000 software modules including cause-and-effect and workflow functionality
- Online card swipes with real time transaction display
- Lock status and door alarms displayed on graphical maps with ability to link with video actions e.g. video popup
- Remote lock opening via AC2000 broadcast and oneshot

FireClass Control Panels



AC2000 now supports a high level interface with the Tyco FireClass Fire Panel, enabling alarms or events generated for FireClass Panels, Sensors and Zones to be fully integrated with the AC2000 system and Monitored using the AC2000 AED (Alarm Event Display).

The AC2000 FireClass Fire Interface enables AC2000 to act as the central Security Management System (SMS) and provides a fully integrated interface for monitoring and reporting building security events.

Through the AC2000 FireClass Fire Interface these alarms and events can be displayed in a single alarm screen in the central AC2000 AED application.

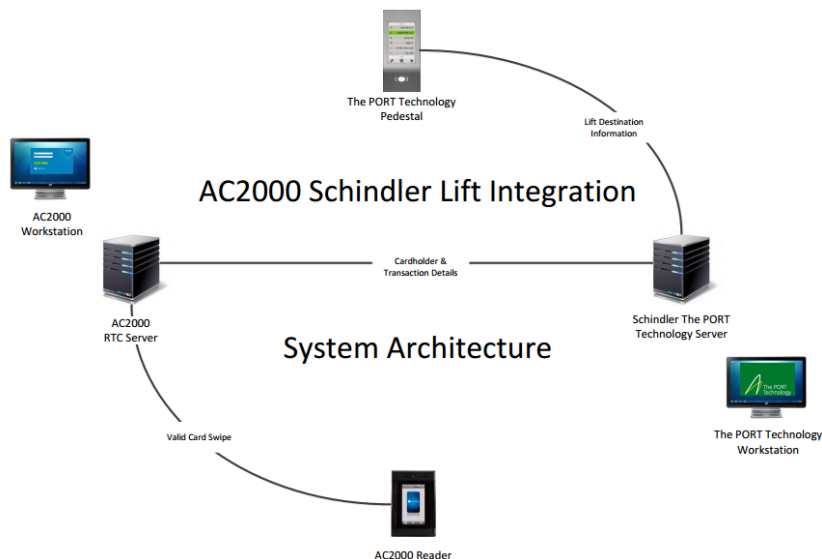
AC2000 FireClass Interface enables unidirectional communication allowing the AC2000 system to receive alarms from the FireClass Range Fire Detection System consisting of a network of up to 99 Fire Panels – each one controlling sets of Points and Zones.

Schindler Lift Destination Dispatch System

The AC2000 Schindler Lift interface provides seamless unidirectional communication between, AC2000 and Schindler servers. The AC2000 Schindler Lift Interface also provides an automatic validation interface which allows a single enrolment process via AC2000 for both systems.



When entering a building, cardholders swipe on the AC2000 card readers securing it. AC2000 sends the details of valid cardholders entering, to The PORT Technology system which then provides Destination-Dispatch services to ensure cardholders reach their destination floor efficiently. Cardholders will be directed to the most efficient lift journey via The PORT Technology pedestals.



Frequently Asked Questions

What version of AC2000 do I need to install new integration interfaces?

New integration interfaces are being released for AC2000, AC2000 Airport and AC2000 Lite version 7.1.

Is there an upgrade path for previous AC2000 installations?

Yes, the upgrade process can be deployed by running upgrade scripts on the AC2000 Server/Lite System Server and reinstalling the AC2000 Workstation client software. Please note that when upgrading to AC2000 v7.1 badge designs (pss files) may need updated.

Is there any limitation of the number of Aperio locks in AC2000?

Each Aperio hub supports up to 16 wireless locks. Aperio devices are treated in AC2000 in the same way as any other reader in the system and are therefore subject to AC2000 CDC/RTC licence.

Is there any auxiliary device required for AC2000 Fireclass Interface?

AC2000 Fireclass Interface is based on BACnet and requires special Moxa UC-7101 device to convert from native MX Speak protocol to BACnet.

Product Code	Description
SWAPERIO-016	Assa Abloy Aperio 16 Door Licence
SWAPERIO-032	Assa Abloy Aperio 32 Door Licence
SWAPERIO-064	Assa Abloy Aperio 64 Door Licence
SWAPERIO-128	Assa Abloy Aperio 128 Door Licence
SWAPERIO-192	Assa Abloy Aperio 192 Door Licence
SWAPERIO-256	Assa Abloy Aperio 256 Door Licence
SWFIRE-FCLASS	AC2000 FireClass Fire Panel Interface
SWLIFT-SCHN	AC2000 Schindler Lift Interface

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