

AC2000 Application Programming Interface (API)

OVERVIEW

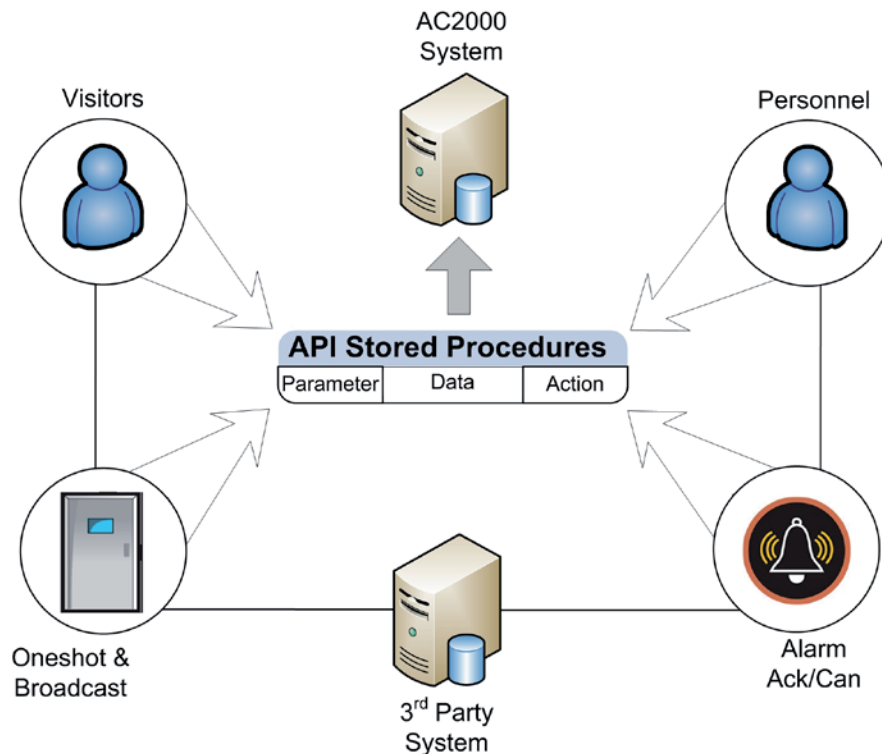
The AC2000 Application Programming Interface (API), provides a standardised and convenient way to interface an external system into the AC2000 SE (Standard Edition) system. This eradicates the need to design and develop custom interfaces, where changes would typically have been made to both systems. Third party developers can use the API to produce their own interface to the AC2000 SE (Standard Edition) systems.

The AC2000 API provides a unique set of code and instructions, which allow developers to utilise subcomponents of the AC2000 SE system. Functions implemented in the API allow customers to maintain 'Personnel' and 'Visitor' records from the third party system, with the ability to issue remote access control door commands and alarm based actions.

With these essential components, third party developers can design and maintain integrated applications that link seamlessly with the AC2000 SE system. With AC2000 API features, customers have the ability to create powerful and fully integrated business and security applications of their choice.

FEATURES

- Allows 3rd Party developers to create seamless interfaces to the AC2000 SE (Standard System) system
- Create, Delete, and Edit Personnel and Visitor data from external systems
- Issue remote door commands from a 3rd party system
- Perform alarm related actions externally
- Real-time event processing and remote command and control
- Leverage the power of AC2000 within a custom interface
- Customers have the ability to seamlessly interface with 3rd party systems of their choice

SOFTWARE HIGHLIGHTS


Usage

The API interface is implemented using IBM Informix SPL (Stored Procedure Language). Application programmers should use either ODBC or JDBC to connect to the AC2000 CDC Server database and run the stored procedures after the API has been installed.

Interface Functionality

AC2000 API allows a range of access control functions to be performed from a third party system.* Using the API developers can create a seamless and powerful integrated solution. For example:

Personnel

AC2000 API allows AC2000 personnel records to be amended from a third party system. Personnel cardholder records can be added, updated or deleted, with the ability to remove access control card privileges. AC2000 'Extra access levels' can also be added and conveniently removed from the one system.

Visitors

Using the API interface visitor records can be added/deleted or updated with the ability to also add/remove associated visitor access control cards.

Remote Door Commands

The API interface allows the AC2000 'OneShot' (instant door open) command and the 'Broadcast' (door open/close) commands to be externally triggered.

Alarms

Using AC2000 API, access control alarms can be acknowledged and cancelled via a third party system.

System Requirements

AC2000 SE v5.8 software upwards
 AC2000 API license
 (Contact CEM for further details)

*For a complete list of functions available with AC2000 API contact CEM