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Data Sheet

AC2000 OPC DA Interface
Integration to third party building management systems

Key Features

- Seamless integration to OPC DA clients over TCP/IP network
- OPC DA Clients can view and cancel alarms from AC2000
- Open individual doors from OPC DA connected systems
- Include alarms from integrated AC2000 systems such as fire, intruder, video and perimeter detection
- Duress and Tamper Alarms
- Lost/Stolen card alarm
- Card Reader Off-line and other Reader event alarms
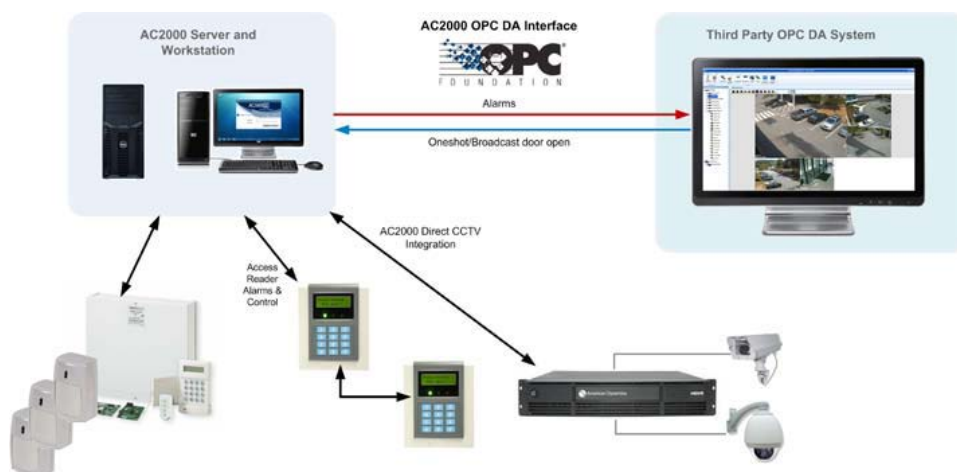- XML configuration to include selected AC2000 devices and alarm types

The AC2000 OPC DA (Data Access) interface provides a simple and efficient way to integrate AC2000 access control and security management solutions with third party building management and security systems.
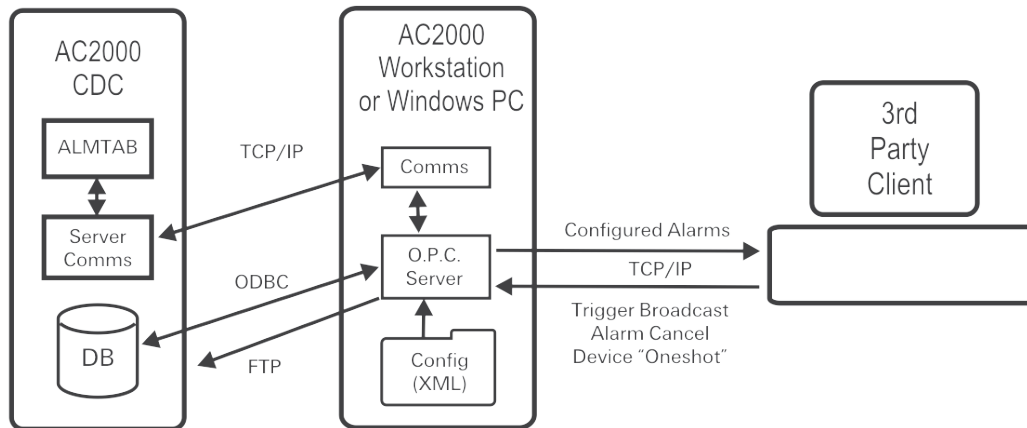
The AC2000 OPC DA interface enables alarms to be sent using OPC DA protocol to OPC DA clients such as remote control centres, building management systems, security management and analysis systems.

Through the bidirectional AC2000 interface, CEM can send both AC2000 and integrated third party alarms to a network connected OPC DA Client meaning that AC2000 acts as the central security management solution, providing all security alarms and handling alarm cancellation from OPC DA Clients.

Remote OPC DA connected systems have full visibility of all building security alarms allowing real-time monitoring and reaction to security events from a central control centre where the operators can cancel certain alarms and remotely open individual doors through the CEM OPC DA interface.

The CEM OPC DA interface is based on the Northern Dynamics OPC DA Server Toolkit which offers a fully standards based solution approved by the OPC Foundation.

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AC2000 OPC DA Support

CEM AC2000 supports interconnection with third party systems such as central monitoring stations, building management, energy management and data reporting systems via a standards compliant OPC Data Access (DA) two way interface.

Supported Alarms and Devices

Devices and alarms configured on the CEM AC2000 system can be transmitted in real time to any OPC DA Client which can then cancel selected alarms and send a oneshot or broadcast to open individual doors.

Alarms from AC2000 integrated systems such as CCTV systems, Intruder alarms, Fire alarms, perimeter detection can also be output to OPC DA connected clients, which can then cancel the alarms on the CEM AC2000 system

Standard OPC Data Access

The CEM AC2000 OPC DA integration uses a standards compliant interface to connect to OPC DA clients. The Northern Dynamics OPC DA Server Toolkit is a Microsoft Windows based package that transmits AC2000 alarms from the AC2000 database to OPC DA clients.

Configuration

A simple XML file is used to configure the CEM OPC DA interface and specifies the devices and alarms to make available to the OPC DA Clients.

Communications

Bi-directional DCOM communications over TCP/IP are used between the OPC DA Server and the OPC DA Client.

Requirements

· AC2000 AE
· AC2000
· Client supporting OPC Data Access 3.0, 2.0
· MS Windows PC for OPC DA server software

Ordering Information

Product Code	Description
SWOPCDA	OPC DA interface licence

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Related Products

- AC2000
- AC2000 Airport
- AC2000 Lite

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