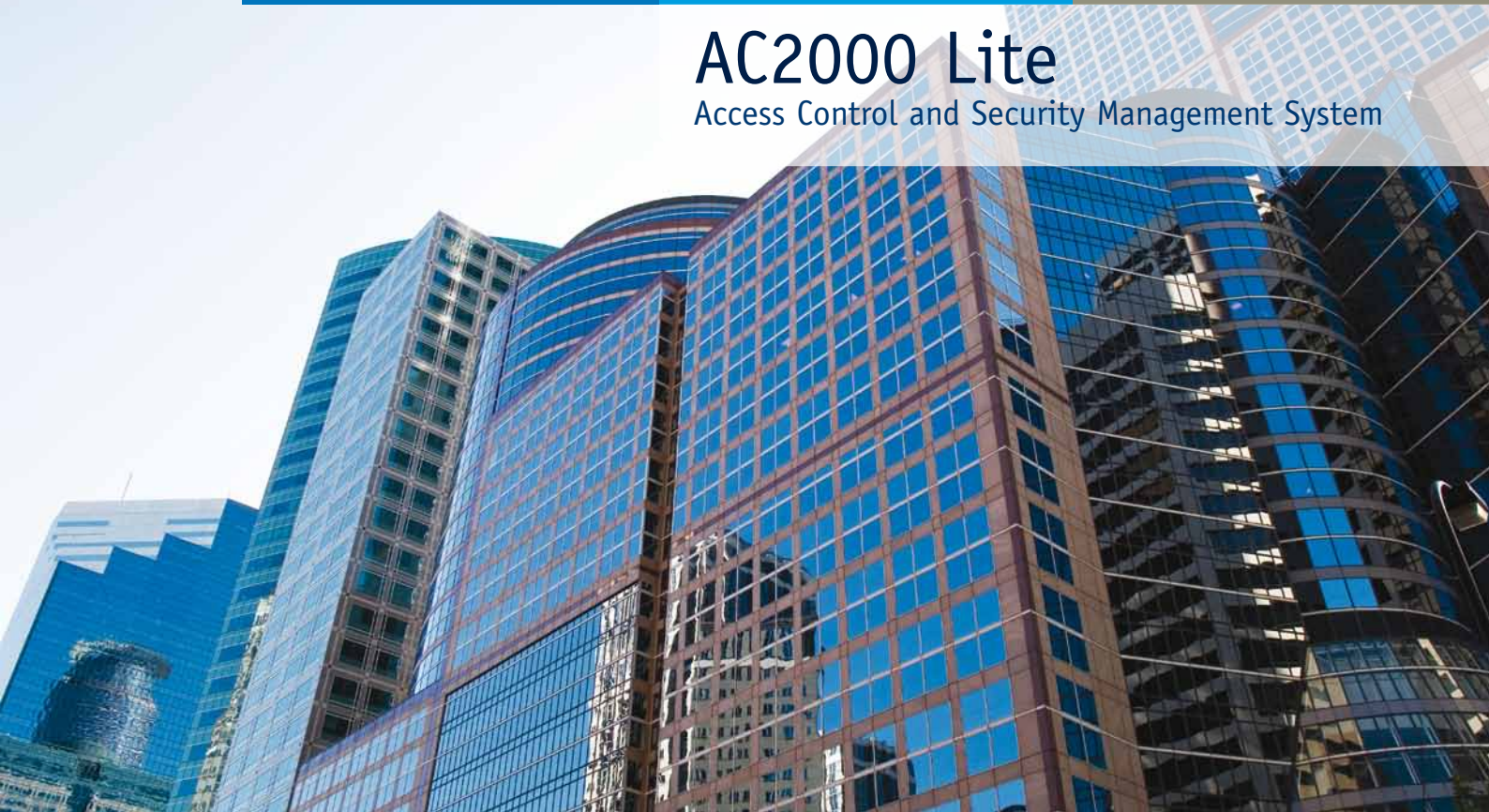


AC2000 Lite

Access Control and Security Management System



AC2000 LITE is an integrated access control, alarm processing and photo badging security management system. Encompassing the core features of the industry renowned AC2000 SE (Standard Edition) system, AC2000 Lite has been designed to meet the complete security needs of small to medium sized sites.

The complete solution for all your security needs...

AC2000 Lite is a feature rich, yet affordable access control system that meets the complete security needs of small to medium sized installations. Taking advantage of core software features within the industry renowned AC2000 SE system and supporting CEM's range of industry leading hardware products, AC2000 Lite is setting the benchmark as one of the most accomplished security management solutions available for the small to mid range markets.

SYSTEM FEATURES

- Support for up to 64 or 128 doors
- AC2000 Lite System Controller – Easy to use web interface tool for system controller set-up
- Support for up to 5 Windows® based operator workstations
- Ideal for small to medium sized sites
- Offers a 'Complete IP Solution'
- Supports 3rd party manufacturer read heads
- Intelligent CEM card readers with onboard database offering distributed intelligence and remote configuration
- Supports CEM portable hand-held readers
- Support for up to 10,000 cardholders
- ODBC Compliant
- Integrated ID Badging
- Graphical Alarm Event Display
- Visitors Management
- Time Zones & Holidays
- Advanced Reporting
- User Definable Fields
- Time & Attendance Reporting
- Seamless integration with External Systems; CCTV, DVR, Intruder Alarm
- Web Applications

And much more...

The System controller that makes AC2000 Lite possible...

The central component of the AC2000 Lite security management system is the AC2000 Lite System Controller. The system controller is an intelligent, networked device that holds the AC2000 Lite database and controls up to 128 doors. Any client workstation on the network can access the system controller to manage the database, monitor alarm activity or configure devices. As a quick and convenient method of installation, installers simply use a web based configuration tool to perform the basic set-up and configuration of the AC2000 Lite Controller, as well as perform diagnostic checks and system backups. Once the basic configuration has been completed, administrators can then operate and fully maintain the AC2000 Lite system via a networked Windows® based operator workstation, with AC2000 Lite software installed.



System Capability

The AC2000 Lite system is available in two software licencing configurations supporting either 1-64 doors, or 1-128 doors. From a single-operator workstation users can seamlessly perform all system tasks including AC2000 AED (Alarm Event Display), RTD (Real Time Display) and AC2000 VIPPS (Visual Imaging & Pass Production) etc. In the event that clients require different workstations for modular administration tasks, AC2000 Lite supports up to 5 Windows® based operator workstations, making it the ideal choice for small to medium sized facilities.

Door Devices

Using the CEM DCM 300 intelligent two-door controllers, AC2000 Lite supports most third party read heads conforming to the physical Wiegand interfaces, including support for third party biometric technology. The system also supports CEM's advanced range of IP card readers to offer clients an enhanced layer of security at the door. With a keypad and on-board database, CEM's readers store transactions and operate offline, with the additional option of card plus PIN control. The readers also feature a backlit LCD graphical display screen, to display



meaningful outcome messages that can be customised by clients to suit their requirements.

Power over Ethernet Support

Using CEM DIU 230's (Power over Ethernet Door Interface Units) and CEM IP card readers, AC2000 Lite offers clients a complete IP solution to complement existing IP infrastructure. IT department's simply allocate an IP address to connect directly to CEM Ethernet card readers at secure doors and using DIU 230 (Door Interface Units) can take advantage of existing network infrastructure to provide power to the door via the same CAT 5/6 Ethernet cable as used for Comms.

AC2000 Web Applications

Numerous web based applications are available using the AC2000 Web Platform. Applications include web alarm status display, web door status, web reports, web dashboard and web visitor management.

Future Proof Solution

The AC2000 Lite system supports up to 128 doors. Should client's needs grow beyond this, AC2000 Lite can be seamlessly upgraded to the powerful, industry renowned AC2000 SE (Standard Edition) system – giving clients an upgrade path with virtually unlimited expansion means and the widest of functional capabilities.

OPERATIONAL APPLICATIONS INCLUDE...

- Central Monitoring (Alarm & Event Display)
- Zone Monitor
- Integrated Photo ID Badging (AC2000 VIPPS)
- Vehicle Management
- Biometrics Support
- Rolling Transaction Display
- Remote Notification of Alarm Events
- Advanced Reporting
- Visitor Management
- Time & Attendance Reporting

AC2000 Lite complements your operations...

AC2000 Lite software incorporates a comprehensive suite of applications to complement all the operational procedures and needs of each client.

AC2000 AED (Alarm & Event Display)

AC2000 AED provides a dynamic graphical and textual representation of the status of the entire system. Operators can choose how they want to view alarms – graphical maps, text alarms list or both. AED responds to all alarm situations in real time and provides a dynamic on-screen interface to external systems such as CCTV systems with facilities for CCTV switching, remote door broadcasting and audio output in response to alarm events.

Integrated Photo Badging (VIPPS)

The CEM AC2000 VIPPS (Visual Imaging Pass Production System) allows users to produce and design both permanent and temporary ID card badges. Clients are offered easy to use drawing tools and a full range of image capture sources for capturing personnel images and signatures and incorporating these into professionally designed ID passes.



Zone Monitor

The Zone Monitor application allows a real time view of all cardholder(s) movements in a defined zone. Zone Monitor provides up to date information on who is present on site for safety and security reasons and offers a real time display / numerical counter of every individual in a pre-defined zone.

Remote Notification

Event notifications can be programmed to be sent remotely to designated personnel via email or SMS. This offers system administrators the reassurance that they will be notified immediately if an event occurs in their building/site.

Rolling Transaction Display

The Rolling Transaction Display feature provides a split screen view of transaction outcomes and alarms in real time. When a card is presented at a reader, the cardholder's image & associated personnel details are displayed on an operator PC. This allows security personnel to perform a visual check that the image stored on the system matches the individual using the card.

Visitor Management

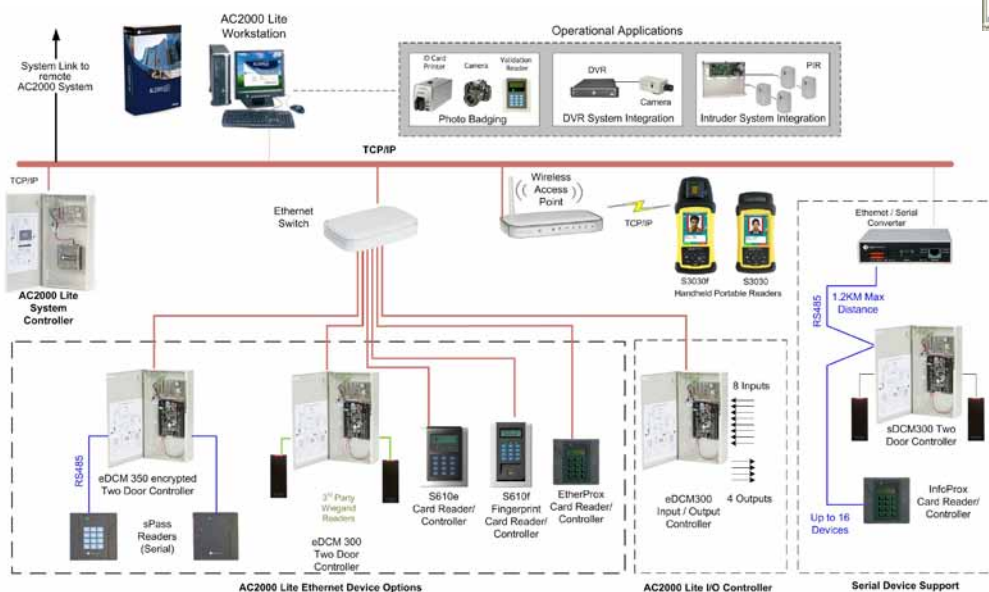
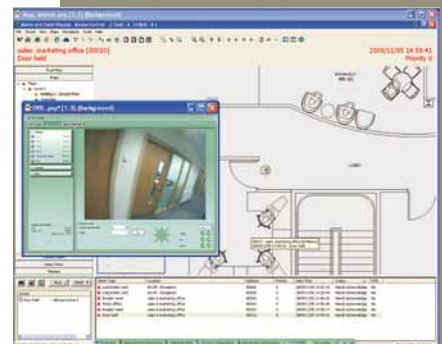
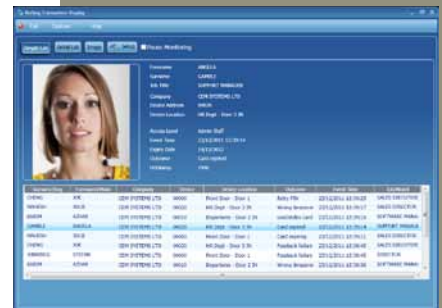
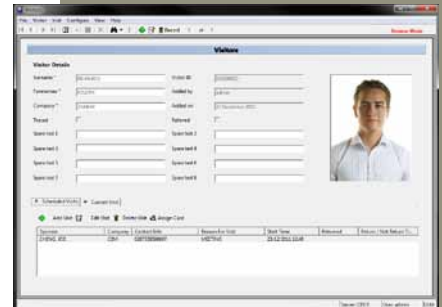
The Visitors application provides a powerful tool to use access control cards to monitor and control access for temporary cardholders (visitors). The application offers clients the ability to print professionally designed access control visitor ID cards, which can then be returned for re-issuing to other visitors.

Biometrics Support

AC2000 Lite supports CEM's range of fully integrated biometric card readers including the S610f reader and the S3030f portable fingerprint reader. AC2000 Lite also integrates with third party biometric systems including fingerprint verification, iris recognition and hand geometry.

Advanced Reporting

AC2000 Lite provides a sophisticated level of reporting including reports on card usage, card reader activity, system alarm, personnel reports, time and attendance reports and much more. Reports can be scheduled and predefined for client convenience or quickly generated upon request for monitoring and control purposes.



AC2000 Lite System Topology

CEM Systems Ltd
195 Airport Road West
Belfast
BT3 9ED
Northern Ireland

Tel: +44 (0)28 9045 6767
Fax: +44 (0)28 9045 4535
email: cem.sales@tycoint.com