

AC2000 LITE

AC2000 LITE; A POWERFUL, FEATURE
RICH ACCESS CONTROL AND
SECURITY MANAGEMENT SYSTEM
FOR SMALL TO MEDIUM SIZED SITES

WHAT CAN AC2000 LITE OFFER YOU?

AC2000 LITE IS A FEATURE RICH, YET COST EFFECTIVE ACCESS CONTROL SYSTEM. ENCOMPASSING THE CORE SOFTWARE FEATURES OF THE AC2000 SYSTEM AND SUPPORTING CEM'S RANGE OF LEADING HARDWARE PRODUCTS, AC2000 LITE IS ONE OF THE MOST ACCOMPLISHED SECURITY MANAGEMENT SOLUTIONS AVAILABLE FOR THE SMALL TO MID RANGE MARKETS.



Cost effective

The AC2000 Lite system supports up to 128 doors. Featuring many of the core AC2000 software modules as standard, AC2000 Lite is ideal for small to medium sized projects that still require a sophisticated level of security; and all within budget.



System resilience

The AC2000 Lite system architecture features layers of system resilience. Distributed intelligence is achieved using CEM intelligent card readers/controllers with their own database for offline 24/7 card validation.



Offers a complete IP solution

AC2000 Lite complements existing IP infrastructures. Using CEM intelligent IP card readers and CEM's leading Power over Ethernet access control solution, IT & Security administrators can take advantage of existing Ethernet network infrastructure.



Integration

Acting as the Security Management System (SMS), AC2000 Lite is fully integrated with selected external video and intruder detection systems. This offers one powerful central command and control center for all access control, video and intruder alarms and events.



Future proof

Should customer needs grow, AC2000 Lite can be seamlessly upgraded to the core AC2000 security management system, providing an upgrade path with virtually unlimited expansion capabilities.

KEY SYSTEM FEATURES

- Supports up to 128 doors
- Support for up to 10,000 cardholders
- Support for up to 5 Windows® based operator workstations
- AC2000 Lite software only virtual kit option
- Supports third party read heads and multiple card technologies
- Supports wireless locks
- Intelligent CEM card readers & two-door controllers
- Microsoft Active Directory support
- Seamless integration with selected video & intruder systems
- All inclusive range of AC2000 software applications on one CD
- Extensive web-based AC2000 applications

And much more



INDUSTRY LEADING HARDWARE

AC2000 LITE SUPPORTS CEM'S RANGE OF HIGHLY INNOVATIVE HARDWARE PRODUCTS.

Intelligent card readers & controllers

The CEM range of readers feature a keypad for card plus PIN control and have an on-board database to store transactions and operate offline, ensuring zero system downtime. The readers also feature an LCD screen to display meaningful outcome messages and have multiple door operating modes including Turnstile, Interlock and Equipment Enable mode. Using CEM intelligent two-door controllers, AC2000 also supports third party read heads, including support for third party biometric readers and wireless locks.

Touch screen card reader / terminal

CEM emerald is a revolutionary touch screen access terminal that features a smartcard reader and controller in one, scramble keypad for PIN entry and built in Voice over IP (VoIP) intercom functionality. Providing security intelligence at the door, emerald also uniquely enables data normally only available on the AC2000 Lite client PC. This data can be accessed locally at the door for functions including reader maintenance, room bookings, display of company advertisements, visitor information and much more.

Integrated biometrics

AC2000 Lite supports CEM's range of fully integrated fingerprint card readers. Fingerprint templates can be captured and enrolled on the AC2000 Lite system without the need to use a door controller or third party biometric equipment and software.

Portable card reader

The CEM portable handheld reader provides a temporary check point for random security spot checks or for external areas where cabling cannot be placed.

Power over Ethernet access control

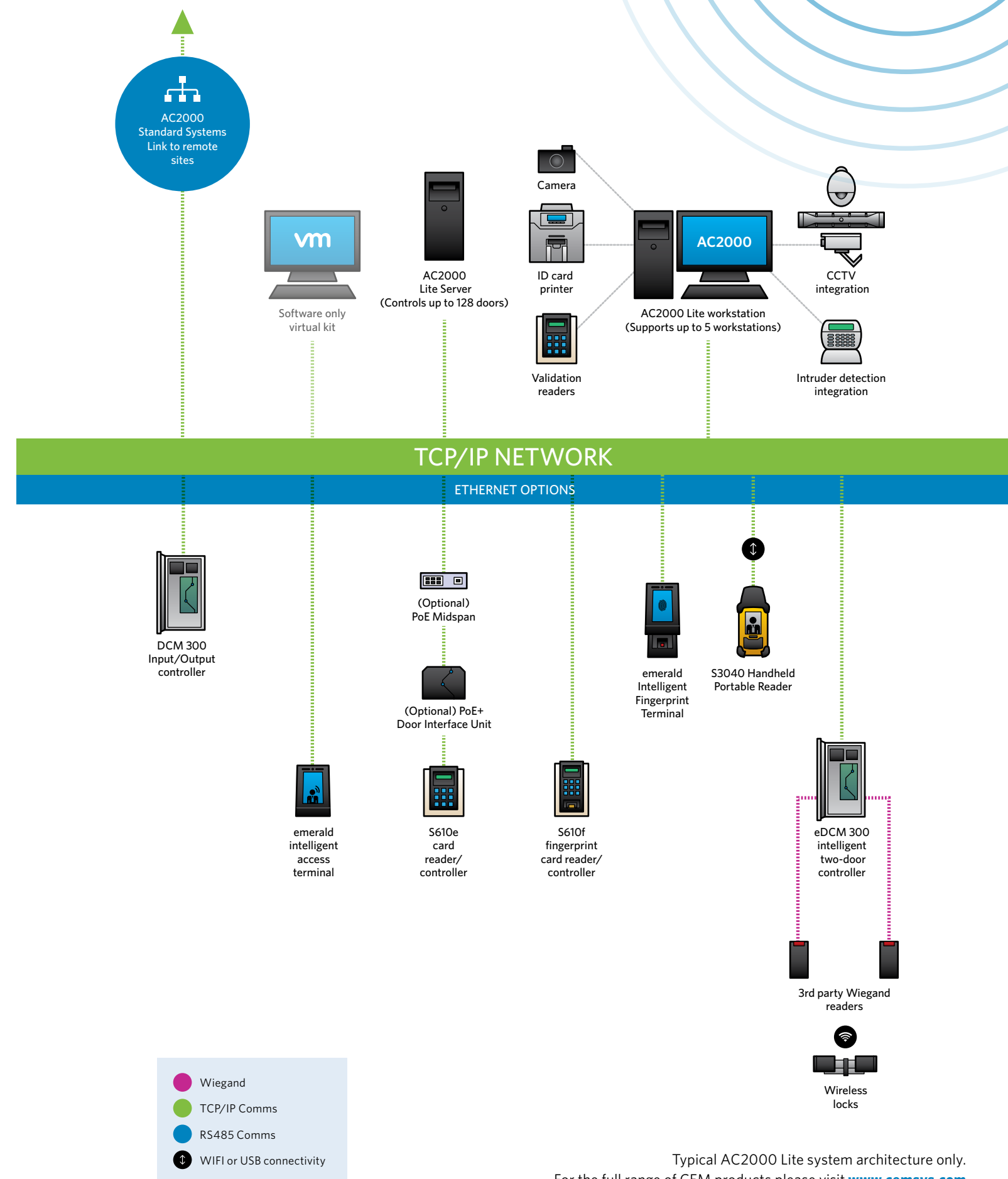
The CEM Power over Ethernet Plus (PoE+) solution provides power to the door via the same CAT 5/6 Ethernet cable as used for communications. This offers significant savings on infrastructure cost by removing the necessity to provide a local mains power supply for each access controlled door.

SOFTWARE ONLY VIRTUAL KIT



The AC2000 Lite software only virtual kit option makes it possible to replace the traditional AC2000 Lite server hardware with a Virtual Machine (VM). This single box solution means that AC2000 Lite server can be installed on the same PC as the AC2000 Lite workstation and software. Eradicating the need for server hardware, this virtualized AC2000 Lite software option is extremely easy to install as it comes pre-installed and pre-configured, without the requirement for extra configuration or specialist knowledge.

TYPICAL SYSTEM ARCHITECTURE



Typical AC2000 Lite system architecture only.
For the full range of CEM products please visit www.cemsys.com



AC2000 LITE. THE CENTER OF ALL YOUR SECURITY NEEDS.

AC2000 LITE SOFTWARE INCORPORATES A COMPREHENSIVE SUITE OF CLIENT BASED APPLICATIONS ON ONE CD, AS WELL AS MANY POWERFUL WEB BASED APPLICATIONS. FROM A SINGLE OPERATOR WORKSTATION USERS CAN SEAMLESSLY PERFORM ALL SYSTEM TASKS INCLUDING CENTRAL ALARM MONITORING, SOPHISTICATED ID BADGING, VISITOR MANAGEMENT AND MUCH MORE.



Central alarm monitoring

AC2000 Security Hub 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. AC2000 Security Hub responds to all alarm situations in real time and provides a dynamic on-screen interface to external systems such as CCTV and intruder systems with facilities for CCTV switching, remote door broadcasting and audio output in response to alarm events.



Integrated photo ID badging

The CEM AC2000 Visual Imaging Pass Production System (VIPPS) 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 capture sources for capturing personnel images, signatures and biometric templates and incorporating these into professionally designed ID passes.



Data import tool

During new AC2000 Lite installations, system administrators can import third party cardholder details into the AC2000 Lite system via a convenient and intuitive data import tool.



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, as well as a counter of the total people in a zone for safety and security reasons.



Remote notifications

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.



Online rolling transaction display

The AC2000 online Rolling Transaction Display (RTD) application provides a split screen view of transaction outcomes and alarms in real time. When a card is presented at a reader, the cardholder's stored image and associated personnel details are displayed. This allows security personnel to perform a visual check that the right person is using the card.



AC2000 WEB

Extensive web based applications are available using the powerful AC2000 WEB platform. Users can respond to alarms online, configure the AC2000 Lite system remotely and conveniently request and manage visitors from any networked location via a PC, tablet or smart phone.



WEB dashboard reports

A powerful and intuitive AC2000 WEB dashboard report builder can produce customized system reports on card usage, system alarms, personnel activity and much more. These reports can then be scheduled to be emailed to recipients on a regular basis.

OPERATIONAL APPLICATIONS

- Central monitoring Security Hub
- Integrated photo ID badging (AC2000 VIPPS)
- Zone monitor
- Data import tool
- Vehicle management
- Rolling transaction display
- Remote notification of alarm events
- Guard tours
- Standard system link
- Advanced reporting; including AC2000 WEB dashboard reports
- Web visitor management
- Time & attendance reporting

And much more



AC2000 SOFTWARE OPTIONS

AC2000

- Powerful and fully integrated access control & security management system
- Supports a scalable number of doors
- Supports a scalable number of cardholders
- Highly customizable
- High level integrations with leading video, intruder, fire & perimeter detection partners
- Ideal for medium to large scale complex projects

AC2000 Lite

- Cost effective access control for smaller sites
- Supports up to 128 doors
- Supports up to 5 workstations
- Supports up to 10,000 cardholders
- Encompasses core AC2000 software modules
- Integration with selected video and intruder systems
- Ideal for small to medium sized projects

AC2000 Airport

- Integrated airport-specific access control & security management system
- Proven in leading airports around the world; including 80% of UK Airports
- Highly customizable
- Aviation features include check-in-desk enabling, passenger segregation, air-bridge monitoring

And much more.