



ACCESS NEWS

CEM Newsletter - Issue 14 2009

Delhi Airport chooses IP Security from CEM

CEM Systems has been awarded the contract to provide access control for the new Terminal 3 in Indira Gandhi International Airport, Delhi. The installation will utilize over 3000 CEM card readers, making it one of the largest IP systems in the region. The contract was awarded by ADT, India who will supply a fully integrated access control and IP video solution.

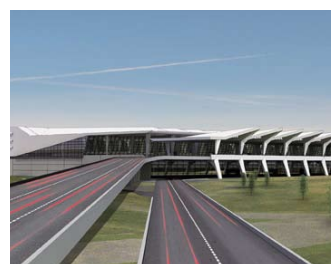
Spanning 500,000 square meters and featuring more than 160 check-in counters, the newly integrated terminal at the International Airport is expected to be fully operational before the Commonwealth Games 2010, which will be hosted in New Delhi.

CEM's industry leading AC2000 AE (Airport Edition) system will be installed at the Airport. The systems integration capability will enable the airport to handle operational complexity and security-related challenges in a large-scale environment. The integrated system can fully support airport ground operations using applications such as passenger movement, vehicle management,

airbridge monitoring and check-in desk enabling.

The Delhi installation will initially utilize over 3000 CEM card readers which includes two variations of CEM's advanced S610 IP card reader range. The S610e card reader offers an onboard 10/100Mbps Ethernet connection and internal database for offline card validation, ensuring that access control is provided even if the reader is offline from the host system. The reader comes with a graphical LCD display, which allows a large number of default or user configurable messages to be displayed. These messages are used to provide feedback to the cardholder on their card usage. The display is also used to provide information

to the system user, for example, which door modes the airline staff has put the reader into. For example 'Passenger Mode' where a member of airline staff can use their card to put the door into extended open for arriving/departing passengers. For the more security critical areas, Delhi Airport has chosen the S610f Fingerprint solution which combines a fingerprint reader, intelligent controller, and advanced IP card reader in one powerful, integrated solution.



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Aviva Stadium to be secured using CEM Solution

The new Aviva Stadium development at Lansdowne Road, Ireland, is to be secured using a CEM access control solution which will be installed by ADT, Dublin.

The new stadium will offer a seated capacity of 50,000 as well as state of the art facilities for spectators, players and staff. The project is a joint venture between the Irish Government, the Irish Rugby Football Union and the Football Association of Ireland.

The client required a solution which would minimize the amount of cabling needed and take advantage of the IT network which is planned for the site. CEM Systems was able to fulfill this request using AC2000 SE, an IP based access control system which utilises the DCM 300 IP controller.

As part of the installation, the client has also chosen to install AC2000 VIPPS – CEM's Visual Imaging and Pass Production System. The VIPPS software provides the ability to produce professional permanent and temporary ID passes which can include text, logos, multiple colours, graphics,

photos, barcodes and signatures.



Walsall Manor Hospital Receives the CEM Treatment

CEM AC2000 Lite has been chosen to secure Walsall Manor Hospital in the UK. The IP based access control solution will be installed by ADT, Birmingham.

The system will initially be installed at the pharmacy which forms part of the Walsall Manor Hospital. The hospital is currently undergoing a £170 million redevelopment. Once the pharmacy installation is complete, ADT will begin work on extending the pharmacy system to cover the whole hospital. The expansion will mean that the system will grow from

supporting a few readers in the pharmacy to supporting almost 100 readers when the whole hospital is covered. This illustrates the scalability of the AC2000 Lite system. The pharmacy installation will utilize the CEM DCM 300 (Door Control Module). This allows the customer to install third party readers and use these in conjunction with AC2000 Lite. The DCM 300 has an on-board 10/100

Ethernet connection and communicates directly with the AC2000 Lite system controller. Using a powerful 32 bit processor, the DCM 300 gives full off-line validation and decision making capability at the point of entry, when host communication is not available.

AC2000 Lite also offers the hospital the type of

applications normally reserved for larger systems such as Graphical Alarm Event Display, Time & Attendance Reporting and Integrated ID Badging.

The development of the hospital is due to be completed this year, enabling Walsall Hospital to provide an increased level of service to its local community.

Next Generation of Portable Access Control...

S3020 Portable Reader is now available and offers enhanced roaming security.



The new S3020 Portable 'handheld' card reader represents the latest in portable access control. Featuring a lightweight and rugged design, the reader has a full colour TFT touch screen which shows card transaction outcomes such as 'Card Valid', 'Not In System', and 'Wrong Timezone'. The reader also offers a large memory capacity (200,000 card records) and onboard Wi-Fi (using WPA2- AES encryption) and is supplied with a full set of accessories including Battery Pack, Stylus, Charging Cradle and Deluxe Carry case. The S3020 is available to support a variety of card technologies including HID 125kHz

Proximity & iClass, 13.56MHz MiFare (also supports DESFire CSN 32Bit), and Picopass.

The S3020 reader can be used with AC2000 in the same way as a permanent wall mounted reader. The reader is ideal for ID card validation at remote sites or temporary entrances which have no power, and can also be used as a mobile device for roaming checks within pre-defined zones. The S3020 Portable reader is currently being used to secure several prestigious airports around the world and is ideal for use in any large scale facility such as construction sites, ports, petrochemical plants and airports.

FEATURES AT A GLANCE

- Proximity, iClass, MIFARE, DESFire, and PicoPass™
- Offline Database
- Large Colour TFT Touchscreen Display (with stylus pen)
- WiFi Connectivity
- Hand size and Robust, weighing only 566 grams
- Deluxe Carry Case and straps for further protection
- Large database holding up to 200,000 card ID's

The Latest in Power over Ethernet Access Control

Where a high level of security is required and cabling must be kept to a minimum, the new PoE+ DIU 230 (Power over Ethernet Door Interface Unit) offers the ideal solution. When combined with the AC2000 product range, the DIU 230 offers a complete IP-based access control solution.

The DIU 230 combines ethernet communications and sufficient power to support a complete door set (e.g. entry and exit readers, heavy duty Maglock, door holder, sounder and strobe) via a single Cat 5e/6 cable. The DIU 230 also facilitates battery backup which means when the unit is fitted with a 7.2AH battery, it can support a full set of door peripherals for up to 4 hours in the event of a power failure.

The unit installation is classed as low voltage and can be completed by IT network installers without the expense of an electrician or electrical contractor. In situations where local power is not available at the access points, the unit can provide significant cost savings.

The DIU 230 is available in both a board only version and in a lockable wall mountable enclosure.



FEATURES AT A GLANCE

- Tamper Protection
- Up to 2 Amps available at the door
- Onboard battery backup & power assist.
- Provides local power for a full door set including up to 2 Maglocks.



We Have Moved!

In June, CEM Systems left their premises of around 15 years to move to new, purpose built facilities in the heart of Belfast's industrial centre on Airport Road. Another brand of Tyco, American Dynamics, has also moved to the site.

The new building represents a Tyco centre of technical excellence in Northern Ireland for research and development. The new facility provides CEM with the perfect base for operations

featuring a state-of-the-art technology suite for sales presentations as well as comfortable and modern training facilities for customer education. Please ensure that your records

are updated with our new address:

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

We hope to welcome all our customers to the new building in the future!

Warner Chilcott UK Ltd



The pharmaceutical company, Warner Chilcott UK Ltd, has had AC2000 Lite installed in its Northern Ireland Offices. The installation was carried out by CEM Approved Reseller, PIP Security. AC2000 Lite offers the client low cost

access control with high end features. The system uses the DCM 300 which allows the client flexibility as it enables the use of third party readers. The site is one of a growing number in the pharmaceutical sector secured using CEM solutions.

NEWS IN BRIEF:

Finance Sector Installation, Beijing

One of the top global financial/investment companies has chosen AC2000 Lite to secure their premises in Beijing. The system was installed by Tyco Beijing and offers the client a feature rich but affordable access control system. The installation utilizes the DCM 300, CEMs low cost two-door controller.

Web-based access control for Maldives Police

The new Maldives Police building has recently had CEM's webEntry II Pro system installed. The system was installed by CEM Approved Reseller, Tasmil. The client chose CEM's InfoProx Lite readers, offering a 32 character backlit LCD to display messages and anti-tamper protection. CEM's webEntry II Pro system is installed to provide access control and as a time and attendance system.

New look CEM Logo

The CEM logo, which has remained the same since CEM Systems was formed around 15 years ago, is being updated. The logo will now feature a Tyco endorsement line. Look out for the new CEM logo on all future documents. If you need a new logo for your website or marketing materials, please contact us at cem.info@tycoint.com.