# **Access**News

**CEM** SYSTEMS
*From Tyco Security Products*

# Gatwick upgrades
# AC2000 security
# solutions

## What's inside?

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## CEM Systems secures Capita across the UK

### Multiple Capita offices secured by the powerful CEM AC2000.

**The powerful AC2000 access control and integrated security management system has been successfully installed at multiple Capita offices in the UK.**

Capita are the UK's leading provider of business process outsourcing and integrated professional support service solutions.

"The security of our premises and employees is of vital importance to us. We selected CEM Systems because the AC2000 software and CEM hardware solutions enable us to meet our security requirements, and provide us with a proven and flexible solution" said Paul Morris, Managing Director, Intelligent Buildings Practice, Capita IT Enterprise Services.

Capita have installed a range of AC2000 and AC2000 Lite systems to meet the specific requirements of each office, which offer a comprehensive suite of client and browser based security applications. AC2000 AED (Alarm Event Display) gives Capita a powerful central command and control interface with dynamic, real-time information on all alarms and events that occur on the AC2000 system. Capita also utilize AC2000 VIPPS (Visual Imaging Pass Production), giving security personnel the ability to design and customize ID badges.

**Intelligent Card Readers**
At their London head quarters, Capita have installed emerald, the intelligent IP access terminal that

provides more at the door. emerald is a touch screen reader, door controller, VoIP intercom and system terminal all in a single device.

Across their UK offices Capita have also installed CEM S610e intelligent IP card readers and sPass readers. The S610e reader features an LCD screen to provide instant feedback such as Wrong Timezone and Card Expiring, with the added benefit of a keypad, for PIN.  The CEM sPass reader is a contactless smart card reader with powerful security and encryption features. The sPass reader connects to the DCM 350 encrypted two door controller, and combined as one solution this offers a cost effective solution that combats against card cloning.
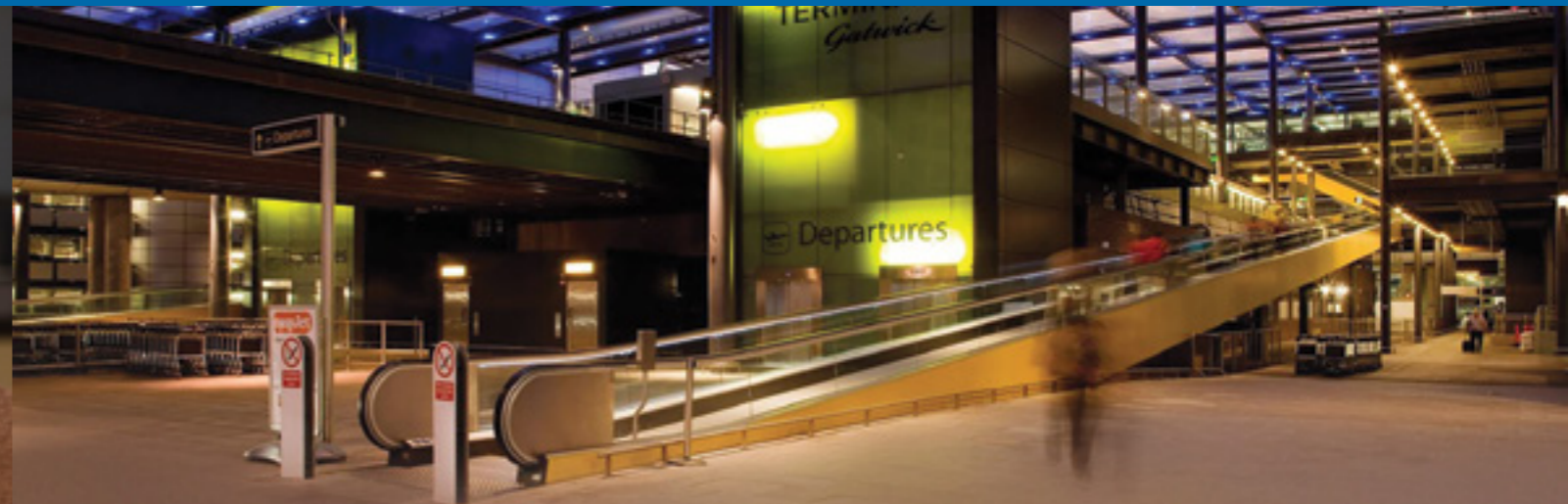
## Innovative Security Upgrade for London Gatwick Airport

### AC2000 Airport upgraded to reflect latest technology innovations.

**Long standing CEM customer, London Gatwick Airport, has undergone a major upgrade of its AC2000 access control and security management system.**

Phased throughout 2014, the upgrade included AC2000 Airport software, and more than 700 card readers throughout the airport terminals to support PicoPass smart card technology. CEM's revolutionary intelligent access terminal, emerald, has also been installed.

London Gatwick is the UK's second largest airport, serving around 200 destinations in 90 countries, with more than 38 million passengers a year.

"Over the last year we have worked with CEM Systems to seamlessly upgrade our existing AC2000 security system, which has proven to be highly reliable and powerful. With a large system and the critical

nature of the airport environment we needed a phased upgrade that ensured zero system downtime", said David Rees, Business System Manager for Operations. "CEM support was second to none with the AC2000 Airport software upgrade performed remotely and quickly".

**emerald**
As an intelligent multifunctional IP access terminal, emerald provides London Gatwick Airport with more than access control at the door.

Airport security can use remote apps on the terminal to update personnel records, perform reader maintenance and display airport adverts and messages.

Gatwick Airport also use the unique emerald flight arrivals door mode, which enables flight arrival gates in both the North and South Terminal to intelligently route

domestic and international passengers accordingly.

**Future proof security**
With the major upgrade now complete, London Gatwick Airport has a truly innovative, future proof security platform that provides resilient access control, and improves card user experience at the door and enhances airport operations.

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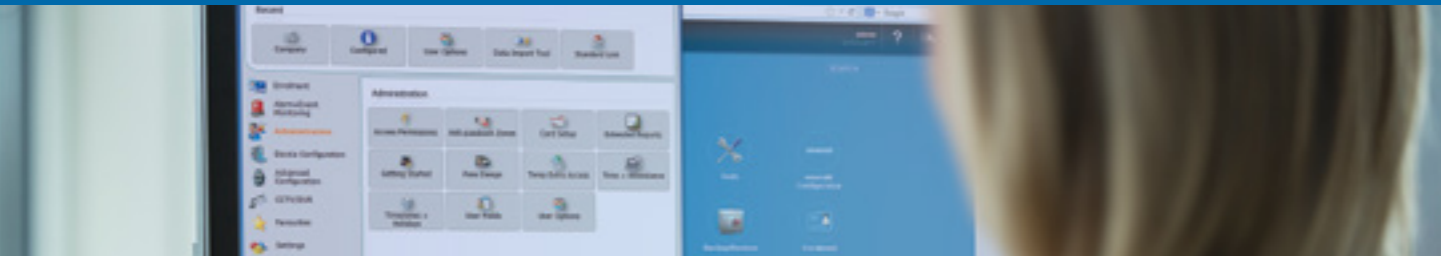
## AC2000 Version 7 now available

The latest version of AC2000 is now available with an exciting range of new software features, system integrations and enhanced emerald functionality.

**Card Validation from online readers**
AC2000 Users can now validate cards using any online reader, either Ethernet or Serial, without the need to have a dedicated validation reader.

**AC2000 Intercom**
CEM AC2000 Intercom software can now be deployed as a standalone installation on dedicated intercom workstations where full AC2000 system functionality is not required. AC2000 now also supports the functionality to record emerald intercom* voice communication to audio files and store on the AC2000 central server.*Intercom functionality only available in emerald TS200/ TS300 terminals

**Integrations**
AC2000 now supports full two way integration with Salto off-line locks utilizing SHIP (Salto Host Interface

Protocol). This bi-directional interface links directly to the Salto database server.

With the release of v7, AC2000 now supports a fully featured interface with Genetec Security Center, a unified platform with IP surveillance. This new link allows alarms and video footage from Genetec Security Center to be fully integrated with AC2000.

**Enhanced emerald functionality**
In AC2000 v7 a new pre-door mode allows for the display of a configurable personal message to the cardholder on the emerald terminal. This release also enables system administrators to use AC2000 WEB to upload their company logo to display on the emerald home screen.

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### Key features at a glance

Card Validation from online readers

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AC2000 Intercom

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Enhanced emerald functionality

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AC2000 Genetec Security Center Integration

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Salto off-line lock support, utilizing SHIP

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New AC2000 WEB pages

For a full list of features offered on AC2000 v7 please email cem.info@tycoint.com or contact your account representative

## New eDCM PoE+ two door controller available

Intelligent two door controller with PoE+, supporting CEM sPass DESFire readers.

**The eDCM 380 (Door Control Module) is a low cost, two door controller designed to interface to CEM sPass DESFire smart card readers and to the CEM AC2000 systems.**

**Key features include:**
• Onboard Power over Ethernet Plus (PoE+) connectivity, enabling the eDCM 380 to power door furniture and two heavy duty maglocks. PoE+ also has the benefit of eliminating the need for

an external local mains power supply at the door.

• Large internal database that can store up to 200,000 cardholder records. This gives full off line card validation and decision making capability at the point of entry, should communication with the AC2000 host server be lost.

• Cost effective two-door controller, supports up to two CEM sPass DESFire readers.

## CEM sPass reader now available in black

The CEM sPass reader is a cost effective, contactless smart card reader with powerful security and encryption features.

**Utilising 128 bit AES encryption and 3DES (Triple DES) with highly secure DESFire technology, the sPass is designed to be connected to the CEM DCM 350 or eDCM 380 encrypted two door controller.**

Combined as one solution, the sPass reader and DCM 350 or eDCM 380 controller offers a cost effective solution which combats against the threats of card

cloning and Wiegand controller signal cloning.

The black version of the sPass reader is available at the same cost as the grey version.

For more information and pricing please contact cem.info@tycoint.com

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**EMEA Business Partner of the Year 2015 winners (from left to right):** Sekhar Subramonian (Majees Technical Services), Edward Van Trotsenburg (Afrisec), Philip Verner (CEM Systems), Owen Williams (LMG), Thordur Ingason (Securitas).

## EMEA Business Partner of the Year Awards, 2015

### The winners of this years EMEA Business Partner of the Year awards.

"Our business partners are critical to our success in continuing to grow CEM access control and security management solutions in key territories and markets around the world", said Philip Verner, Regional Sales Director, EMEA, CEM Systems.

The awards are an opportunity for CEM to recognise the efforts of our most successful, motivated, committed and knowledgeable Business Partners throughout the EMEA region. The awards ceremony was held as part of the annual CEM EMEA Sales Conference in Belfast.

**Winners**

**UK & Ireland:** LMG

**Europe:** Securitas

**Middle East:** Majees Technical Services

**Africa:** Afrisec Distribution & Consulting

## CEM EMEA Sales Conference 2015

### In April, CEM customers, approved resellers and industry consultants from around Europe, Middle East and Africa gathered to take part in the annual CEM EMEA Conference.

Held in the Culloden Hotel, Belfast, the annual CEM EMEA Conference gave the delegates the opportunity to gain new levels of insight into the access control and security industry, learn more about the AC2000 security management

system, explore the latest CEM product developments and releases and get valuable insight into future product roadmaps. The Conference also provided excellent networking opportunities for all the attendees. Also through a range of solution

demonstrations and interactive feedback sessions, customers were able to provide valuable insight and feedback on their future product requirements.

📅 **Events calendar**

**IFSEC International**
**16-18 June**
ExCeL, London
Booth: Tyco Security Products D1100

**Sicherheits Expo München**
**1-2 July**
MOC München
Booth: D26

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