AccessNews

CEM SYSTEMS
From Tyco Security Products

Harland and Wolff
selects CEM AC2000

What's inside?

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Smart Security at One Albert Quay

Tyco global headquarters and a showroom for Tyco technology

One Albert Quay, is the most significant new office development in Cork City Centre in many years. It sets new standards in terms of design, scale and efficiency for both national and global companies.

Earlier this year One Albert Quay became the new global headquarters for Tyco. Billed as Ireland's smartest building, it also boasts a host of Tyco Security Products technology. CEM Systems AC2000 security management solution is the access control system for the building, supported by emerald intelligent access terminals, and sPass readers to control key doors, lifts, car parking access and much more.

Smart Lift System

The smart lift system at One Albert Quay is centrally controlled with AC2000 and emerald terminals,

and integrated with Schindler Lifts. When an employee or visitor swipes their access control card on the emerald terminal this button-less lift system uses automatic location choice depending on the cardholders' access control privileges.

Room Booking

AC2000 Room Booking and emerald terminals are used to book meeting rooms. This is a smart, quick and convenient way to ensure the maximisation of meeting rooms space and room allocation. AC2000 Room Booking is integrated with Microsoft Outlook®, so users can book a room through their Outlook calendar or on the emerald terminal.

Bike Counting

Incorporated into AC2000, the Bike Counting system enables

the capture of information on how many bicycles enter and leave the building on a daily basis as part of the Tyco Smart building initiative.

Cashless Restaurant

The Cashless Restaurant system is fully integrated with AC2000. This means that an employees' access card acts as their wallet, and that no cash is needed on site. This encourages people to use their access card and helps reduce the security risks of cash on site.

Future Proof

One Albert Quay has a truly innovative and future proof security platform from CEM Systems that provides resilient access control, improves user experience and enhances operations.

Innovative security at Harland and Wolff

AC2000 including the new powerful command and control application Security Hub, installed with a range of emerald intelligent access control terminals and CEM Systems readers, providing more than access control.

Harland and Wolff is a heavy engineering company to the maritime, offshore oil and gas and renewable energy sectors. Located in Belfast, Harland and Wolff is one of Europe's largest heavy engineering facilities and its world class facilities can handle the largest of structures in a safe, productive and cost effective environment.

"Our site presents a range of unique security and safety challenges; we therefore required a solution that would provide more than access control. We needed a complete security management system that would also help us improve efficiency and ensure the safety of all our employees. CEM Systems AC2000 was the ideal solution,

and combined with their range of sophisticated access control readers we have a system that meets our security and business requirements" said Chris Neill, Security Operations Manager, Harland and Wolff Heavy Industries.

AC2000 Security Hub

Harland and Wolff use AC2000 Security Hub for centralized command and control. Security Hub is a flexible and highly configurable application that manages all events and alarms within the AC2000 access control system and its integrated sub-systems.
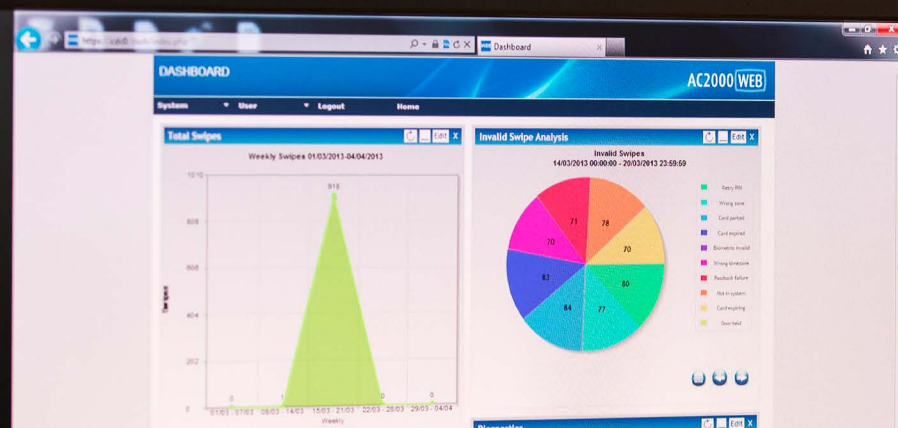
emerald

emerald's LCD touch screen enables Harland and Wolff to

improve corporate branding on entry points to the building where they are regularly working with high value clients. The built-in audio intercom also allows visitor communication with the reception desk and remote door opening.

High security areas including the server room and equipment warehouse are secured with emerald TS300f fingerprint readers, requiring biometric verification for the entry of authorized staff. In the equipment warehouse, emerald's Entry Checklist feature allows Harland and Wolff to prompt staff when exiting to sign the register if they are removing any tools or equipment, and helps prevent the loss of valuable equipment and tools.

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**Search 'Security Hub' on
YouTube to watch the video**

AC2000 version 7.1 Now Available

The latest software version with a series of performance enhancing additions and integrations.

Multiple Cards per Cardholder

Systems administrators can now enrol and differentiate multiple active cards per individual.
This enables a much smoother transition when migrating to a new card system or when merging companies that have operated on different card platforms.

Room Booking

AC2000 Room Booking enables the use of either Microsoft Outlook or the emerald terminal at the meeting room door, to create, edit and display room booking details. This streamlined process prevents double bookings and interrupted meetings.

Enhanced API

AC2000 now offers an updated Application Programming Interface (API) that allows for full

bi-directional communication, making it possible to send and receive information from the access control system to other platforms.

System Enhancements

Other system enhancements to AC2000 include improved AC2000 WEB interface and feature redesigns to the Data Import tool and software applications for Personnel, Visitors and Extended Reports.

Integrations

Building on the existing range of video, perimeter, fire and intrusion integrations, AC2000 now offers new integrations with Zettler Profile MZX Fire Panels, Commend VirtuoSIS Intercom System, and Otis Panorama Elevator Management System.

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Key features at a glance

Support for multiple cards per cardholder

New Room Booking Interface

Enhanced AC2000 Application Programing Interface (API)

Additional System Enhancements

Range of integrations for Fire, Intercom and Elevator Management

For a full list of features offered on AC2000 version 7.1 please visit the website www.cemsys.com or contact cem.info@tycoint.com

New AC2000 Security Hub

This powerful application for AC2000 provides centralized command and control in a single, simple and intuitive user interface.

Simple & Intuitive Interface

Security operators can now create a sophisticated site-specific command and control centre. Alarms and events are easier to view and respond to. Screens, alarms, icons, maps and more can be configured to meet any sites unique security requirements.

Supports Multiple Users & Sites

AC2000 Security Hub provides local or multi-site security management and enables simultaneous operation by multiple users.

Configurable Graphical Maps

User friendly graphical maps, icon type, style, colour, angle, annunciation, and sounds can be configured.

Comprehensive Reporting Tools

Built-in, easily accessible reports include Alarms, Alarm Priorities, Alarm Escalation or User Reports,

giving access to data on the go to help improve your site security.

Alarm Workflows

Choose how to view and process alarms using a set of user determined sequential actions configured to ensure the correct course of action is followed in alarm or emergency situations.

Video Micro Viewer

View live and pre-recorded video footage for specific events. Two micro-viewer apps ensure that security operators can easily see any video footage associated with alarms and events.

Integrated Systems

AC2000 Security Hub provides monitoring and processing of alarms and events across multiple security systems including access, video, intrusion, fire and building management systems.

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Key features at a glance

Simple & Intuitive

Highly configurable

Supports multiple sites & users

Graphical Maps

Reporting Tools

Alarm Workflows

For more information visit www.cemsys.com/securityhub

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emerald TS300f

The multi functional touch screen access terminal is now available with fully integrated fingerprint biometric.

With all the features of the existing emerald TS300 including VoIP Intercom, IP reader and controller in one device, and remote applications with the addition of a fully integrated fingerprint biometric, the emerald TS300f meets requirements for three stage identity authentication (card, PIN, and biometric verification).

The emerald TS300f is durable enough for indoor or outdoor usage with an IK06 vandal-resistant rating, and IP65 dust and water resistant rating. The high resolution optical sensor and 1:1 fingerprint match at the door allows fast card and fingerprint verification. Additional features include:

Multi-Date Check Mode

An additional safety and security layer on top of card validity checks. This mode allows emerald to check any company determined additional criteria such as training certificates, driving license, insurance etc. that are required on site. Door access can be denied should any of the additional date checks fail.

Time and Attendance

Using the emerald terminal as a fully integrated Time and Attendance terminal, the user will select either IN or OUT before swiping their card. This records the Time and Attendance transaction on AC2000 which can then be reported on. For highly secure locations, Time and Attendance mode can work in conjunction with fingerprint verification and other emerald modes such as PIN or Image on Swipe.

PIN and Fingerprint

This feature allows cardless biometric verification using a unique 6-digit PIN and fingerprint to verify transactions. Where necessary, this removes the need for a physical card while maintaining a high level of security at the door.

PIN as Card

This feature allows cardless verification using a unique 6-digit PIN to verify transactions, removing the need for a physical access control card.

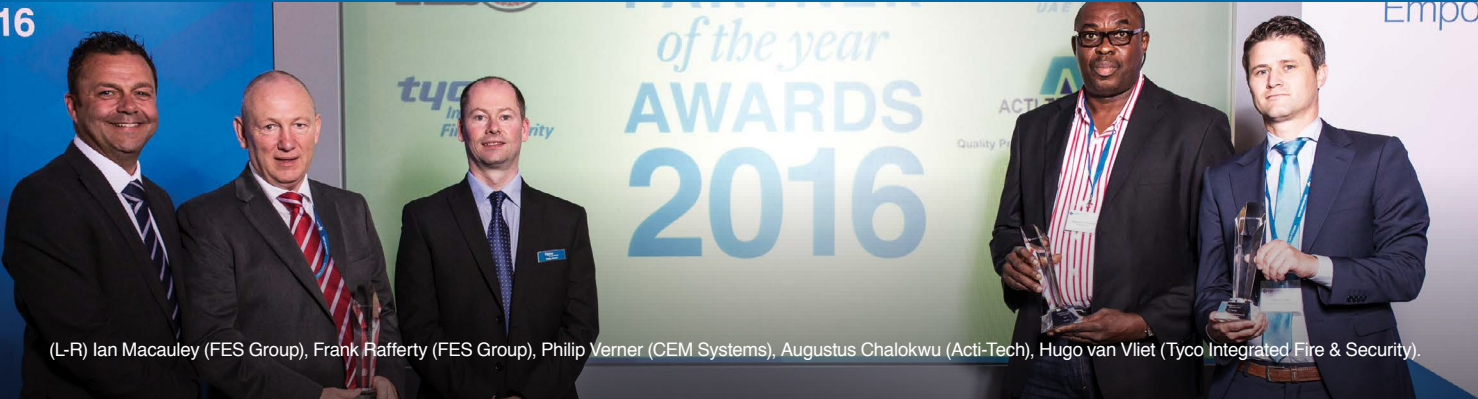### (i) Key features at a glance

All the features of emerald TS300

Integrated fingerprint biometric

1:1 fingerprint match

Three-stage authentication using card, PIN and biometric verification

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IP65 dust and water resistant

IK06 vandal resistant rating

2016

(L-R) Ian Macauley (FES Group), Frank Rafferty (FES Group), Philip Verner (CEM Systems), Augustus Chalokwu (Acti-Tech), Hugo van Vliet (Tyco Integrated Fire & Security).

EMEA Business Partner of the Year Awards, 2016

The winners of this years' EMEA Business Partner of the Year awards are announced.

"It's an honour to award our top resellers with the 2016 CEM Systems Business Partner of the year awards" said Philip Verner, Regional Sales Director, EMEA, CEM Systems.

"Our partners are critical to our success and with our 2016 Business Partner Awards winners we have significantly grown CEM Systems sales in their respective markets. These awards not only recognise our business partners for sales delivered but also for their commitment towards accredited CEM Systems training and joint

marketing initiatives. We look forward to our continued strong relationship with all our business partners and customers".

CEM Systems resellers supply, install and service CEM Systems security management systems throughout the world. As CEM Systems Business Partners of the Year for EMEA, resellers are recognised for their work in delivering complex integrated projects and helping to grow the CEM Systems business in their respective geographic markets.

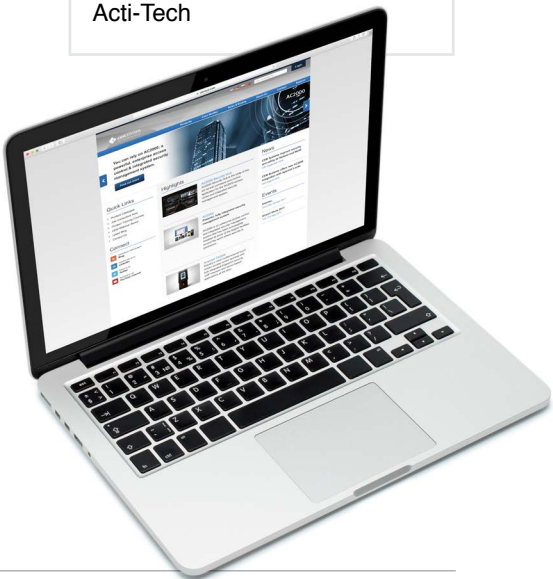| Winners |
|---|
| **UK & Ireland:** FES Group |
| **Europe:** Tyco Fire & Integrated Security |
| **Middle East:** Tyco UAE |
| **Africa:** Acti-Tech |

Check out the updated CEM Systems website

CEM Systems website has been revamped to improve user experience and share valuable CEM Systems' industry knowledge and resources.

Get registered to access software and hardware installation manuals, training "how-to" videos, product knowledge webinars, and more resources.

www.cemsys.com/login/register