



A Tyco International Company



Advanced Access Solutions

Advancing Access Control...

CEM's culture is to remain at the cutting edge of access control technology through the design and development of high quality solutions that meet the unique needs of customers.

About CEM

CEM Systems is a leading provider of advanced access control and security management systems. Originating from a computer background and with over 20 years experience in the IT & security industry, CEM is unique in that it has developed a strong understanding of the IT issues and strategies that companies have in place. High quality, innovative solutions are built with this understanding in mind and include access control, ID badging, alarm monitoring & systems integration. As one of the few manufacturers that design and produce all their own hardware and system software, CEM can fully customise solutions through software development and continuous development of hardware to incorporate the very latest in technology.

CEM solutions are accessible to all and have been successfully installed throughout the world at airports, ports, petrochemical plants, universities, banks, telecoms, corporate premises and many more...

CEM is a leading access control brand of Tyco International Ltd. For more information visit www.cemsys.com

About Tyco

Tyco International is a diversified, global company that provides vital products and services to customers in more than 60 countries. Tyco is a leading provider of security products and services, fire protection and detection products and services, valves and controls, and other industrial products. Tyco International has annual revenues of more than \$18 billion and 115,000 employees.

More information on Tyco can be found at www.tyco.com.



tyco

Innovation & Expertise

CEM's greatest asset is its people. With an innovative company culture and skilled professionals with many years experience in the IT & security industry, CEM constantly challenges how things are done in the industry. This ensures that CEM is consistently evaluating new possibilities and embracing new leading edge technology in the design and development of its product range.

Support

Central to CEM's success is the commitment to support customers with a fast, tailored, professional and satisfied experience. A culture of support excellence ensures that CEM customers are provided with the highest level of pre-sales support, project management and training services, as well as technical support for ongoing post installation enquiries.



CEM's greatest asset is its people

Partners

CEM Approved Reseller Network

A dedicated network of 'approved resellers' sell, install and service CEM solutions throughout the world. Approved resellers are the best of breed in their respective geographic markets and have invested in CEM training to become approved with a certified competency in the CEM product range.

Relationships

Developing customer relationships is key to CEM. With many established worldwide clients, CEM provides a long-term security solution that can be tailored and moulded to fit client operations should their needs evolve over time. Strong customer relationships have enabled CEM to incorporate customer driven feedback into the design and development of its advanced solutions. Working with industry bodies also ensures that CEM remains at the forefront of access control leadership.



Solutions...

CEM has a solution that is accessible to all. The webEntry II Pro system offers web-based access control, whilst the AC2000 system range offers advanced security for small through to large, multi-site applications.



webEntry™ II Pro

web based access control

Ideal for small to medium sized solutions, webEntry II Pro has revolutionised the access control industry by taking advantage of web-based technology to provide a low cost, access control system that is easy to administer and install. Totally web administered, no software or dedicated PC is required. Customers simply connect the webEntry II IP controller to a

network allowing them to manage up to 64 doors, print ID cards, run reports and view alarms using a standard Microsoft IE web browser on any networked PC or laptop. webEntry II Pro advises customers on the status of activity at their facility by sending notifications of alarms/events via email, PDA, or mobile phone.

KEY BENEFITS »

- Entry level web-based access control
- Administered via a web browser; no dedicated PC or software required!
- Available in 8, 16, 32 or 64 door systems
- Plug & Play installation & easy to use software
- Alarm notifications sent via email, pagers, PDA, mobile phone
- Native language support
- Optional Time and Attendance reporting



AC2000 Lite

Integrated security management system for small to medium sites

Ideal for small to medium sized solutions, AC2000 Lite offers a low cost, integrated access control, alarm processing and photo badging security management system for up to 128 doors. Encompassing the core software features of the AC2000 SE

system and with a comprehensive suite of software applications on one CD, AC2000 Lite sets the benchmark in the industry as one of the most accomplished security management solutions available for small to mid-range markets.

KEY BENEFITS »

- Low cost security management system
- Supports up to 128 doors
- Comprehensive software applications in one CD, including access control, graphical alarm management, ID badging, Visitors, Time & Attendance, CCTV Integration, etc
- Easy to install - web interface tool for system set up
- Ideal for small to medium sized sites



AC2000 SE (Standard Edition)

Integrated security management system

Ideal for medium to large scale solutions, AC2000 SE offers powerful and fully integrated access control, alarm processing, photo badging and external systems integration. Known throughout the industry as a proven product that meets the highest of security requirements, the AC2000 SE system has

successfully been installed at some of the largest facilities around the world where security is of paramount importance. The system features a comprehensive software suite and is continuously developed by CEM to make it one of the most comprehensive security systems available today.

KEY BENEFITS »

- Highly stable & resilient system
- Seamless systems integration
- Distributed intelligence to reader level, ensuring zero downtime
- Virtually unlimited expansion
- Offers a fully customised solution
- Advanced reporting for analysis
- Enhances site operations
- Supports Biometrics



AC2000 AE (Airport Edition)

Integrated airport-specific security management system

AC2000 AE is the industry's only airport-specific access control system. Offering a powerful and fully integrated security management solution, the system incorporates a host of aviation specific software modules such as Check-In Desk Enabling, Passenger Segregation, Taxi Management and Air-Bridge Monitoring. AC2000 AE is not just

an access control system made to fit the airport environment. It is a business solution designed to help airports generate additional revenue and operate more efficiently. Working in consultation with airports for over 20 years, the CEM AC2000 AE solution is the leading choice for all major UK airports and many of the worlds largest airport's.

KEY BENEFITS »

- Used by over 80% of UK airports
- Industry's only airport-specific access control system
- Continually developed to reflect aviation legislation
- Assists airport operations/generates revenue
Eg. Airbridge Monitoring, Check-In Desk enabling, link to airport invoicing

Advanced Hardware...

With a culture for innovation, CEM consistently leads the industry in the development of its product range. Industry firsts include...

- Portable 'handheld' card reader
- Airport-specific access control system
- Ethernet based IP card readers
- Fully Integrated Biometrics
- High power PoE (Power over Ethernet) door control
- Intelligent card readers with in-built memory

CEM card readers are highly advanced and come with a keypad, LCD display, optional ethernet connectivity and onboard database to ensure that intelligent access control is available at the door at all times.



CEM understands that the security needs of each organisation is unique. System software incorporates built-in 'user definable' fields that enable customers to build a self-configured, customised system. Designing and producing both the system software and hardware, CEM can also offer clients the option for further customisation by conducting client specific hardware and software development.

Providing Customised Solutions...

Solutions that grow with your needs...

CEM solutions are built with the flexibility to grow as client requirements change. With virtually unlimited expansion and integration capabilities, CEM solutions are designed with the understanding that a small installation may evolve and grow to become a large, complex system over time.



CEM Solutions help secure...



Petrochemicals

Petrochemical plants around the world use CEM solutions to create a totally secure, self contained site and to monitor the movement of visitors, staff and contractors. Clients include some of the largest companies in the petrochemical industry including, TOTAL Lindsey Oil Refinery (UK), BP, Jurong Island (Asia) and Gasco Ruwais (Middle East).

"CEM worked closely with us to provide an advanced solution that involved customisation of the system software. This included a new software module and specific reports to help us control and monitor movement in the unique environment that we operate"

Mike Tutty, Head of Safety Services
Lindsey Oil Refinery

Education

To deter theft and vandalism and create a safe and secure environment for all staff, students and visitors, CEM solutions are installed at many schools, colleges and university campuses including Liverpool John Moores University (UK).

"CEM has a proven track record and continually develop their products enabling us to keep up to date with the latest technologies. CEM are great at adapting the system to meet our requirements, offering more than the standard off the shelf package"

Steve Shackleton, Security Manager
LJMU



Telecoms

Telecommunication companies including Orange Business Services (Europe) and BT (Northern Ireland) maximise on CEM's IP capabilities to provide solutions that control access and centrally monitor multiple sites and networks.

"The CEM AC2000 system has been used for almost 12 years and BT are delighted with the innovative security enhancements the system, including Iris reading technology, has provided"

Ray McKeown, Director of Networks
BT Northern Ireland



Maritime

To secure port environments and enhance operations, CEM solutions control access to remote buildings at multiple port sites. Clients include Port of Cork & Dún Laoghaire Harbour (Ireland) and Port of Genoa (Italy).

"The CEM solution proved ideal and is responsible for access control at six port sites. It enabled our Port facilities to increase security conditions in response to the ISPS (International Ship and Port facility Security) code introduced in 2004."

Captain Pat Murphy, Alt. Port Facility Security Officer
Port of Cork Company

Airports

In every airport operational security and efficiency is critical. The CEM airport solution is used by 80% of UK airports including all 7 BAA owned airports and many of the largest airports around the world from Vancouver to Hong Kong airports.

"The systems have proven to be capable of managing the unique and dynamic needs of each of BAA's seven UK airports and play an integral role in maximising efficiency, whilst allowing for further enhancements as technology advances."

Chris Campen, Assistant IT Director, BAA

Financials

With high security a requirement for major financial institutions, many have chosen a CEM solution to protect staff and customers and secure areas where security is of the utmost importance. Clients include Barclays Bank (UK), Ulster Bank (Northern Ireland) and KPMG (UK).

"CEM listen and respond. Consistently ahead in the technology development leagues – their people are always available and provide a personalised service with the backing of a multi-national."

Jeremy Nelson, Head of Security
KPMG LLP



CEM Solutions also secure hospitals, corporate offices, retail outlets, government institutions, and many more...

For a complete list of reference sites please contact CEM.



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