

This document is part of a suite of documents which demonstrate Ingersoll Rand Security Technologies' capabilities within the Education sector. Other sector documents include;

- Health
- Retail
- Transport
- Hospitality
- Education



Ingersoll Rand's Security Technologies Sector is a leading global provider of products and services that make environments safe, secure and productive. The sector's market-leading products include electronic and biometric access-control systems; time-and-attendance and personnel scheduling systems; mechanical locks; portable security; door closers, exit devices, architectural hardware, and steel doors and frames; and other technologies and services for global security markets.

Ingersoll Rand Security Technologies

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University campus solutions

investing in the future



Creating secure environments

Ingersoll Rand Security Technologies is a leading global provider of products and services that make environments safe, secure and productive.

Under the CISA brand, Ingersoll Rand manufactures a complete range of electronic locks from traditional and magnetic to the latest RFID proximity solutions and access control systems.

We are also able to provide automated openings, performance doorsets, architectural hardware and time & attendance; all supported by a nation-wide network of installation and service engineers offering both site personnel and end users the assurance they need.

Understanding the sector

The need for enhanced security at our world class universities has become a necessity of modern life. For most higher education facilities access control is becoming the fastest growing technology. It provides a means of ensuring personnel security and safety through identity authentication and movement tracking, as well as securing valuable assets and sensitive information.

There is also an increasing demand for systems that not only provide a solution to the challenge of managing secured access over a number of sites or buildings, but have multiple applications to assist in overall site automation and management.

CISA offer a range of wire free electronic locks to enable you to choose the perfect solution for your requirements and budget.




CISA wave mode

The latest addition to our range, CISA Wave Mode uses the RFID Proximity technology, that is compatible with mifare classic and NFC systems.

The wireless electronic locks when combined with access control units can provide the benefits of a network system in terms of functionality, flexibility, control and security.



Fluency in building

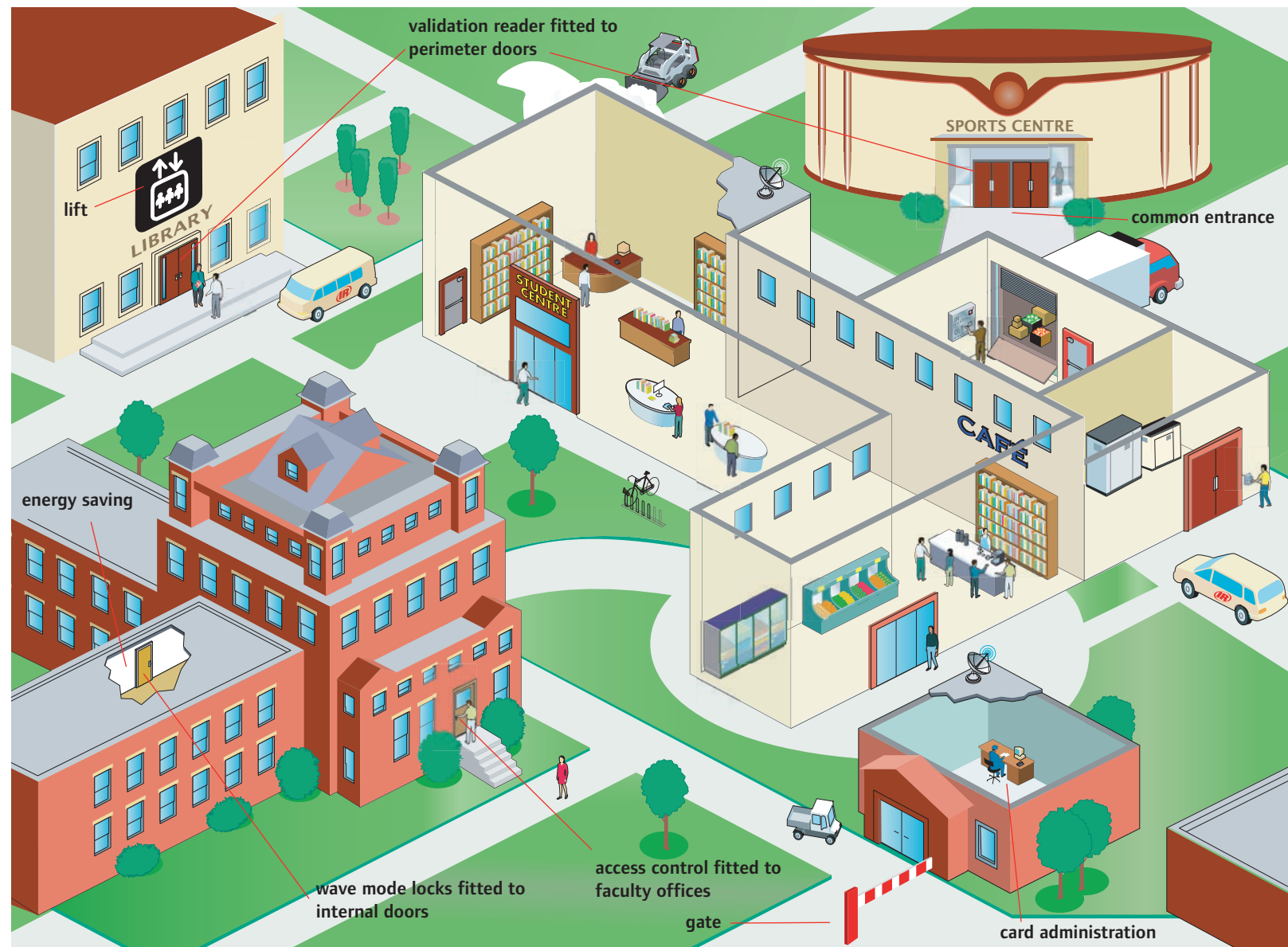
Commonly referred to as 'Network on Card', user access rights are held securely on the card, rather than within a network of interconnected access control doors. Validation readers are then used to automatically alter card data allowing cards to be deleted, re-programmed and validated.

Software control of the system is easy and straightforward. System changes are automatically updated to the validation readers which then alter the data held on the card when it is presented. Audit trails can also be downloaded from the locks and cards to provide information on who was where and when.

As the system is essentially stand alone security is still maintained and locks can still operate even in the event of a network failure.

What are the benefits of the system?

- Replaces the need for mechanical keys or expensive hardwired systems
- Provides over 95% of the benefits of a traditional 'wired' on-line access control systems at a fraction of the cost
- Reduces installation times and costs
- No need to visit the lock to delete lost cards
- Audit trails can be collected and downloaded automatically
- Unique forced validation procedure prevents 'tailgating'
- Smart cards can be used across adjacent applications such as library cards, canteen payments, secure log in and ID badges
- Multiple lock options to combine with existing architectural styles and themes
- Conforms with all current EN requirements for fire protection and emergency evacuation
- Locks can be integrated with automatic doors to provide opening solutions to assist in meeting the requirements of the Disability Discrimination Act (DDA)
- Complete campus solution across residence halls, lecture rooms, sports facilities, laboratories, staff rooms, plant rooms and preparation areas



Sustaining & maintaining

In the UK, Ingersoll Rand Security Technologies offers automated openings, performance doorsets, architectural hardware, electronic access control and time & attendance; all supported by a nationwide network of installation and service engineers offering both site personnel and end users the assurance they need. All benefit from established, world-leading brands, a long and enviable reputation and the resources to tackle projects on any scale.

Integrated steel doorsets complete with CISA locks can be designed, installed, commissioned and, if required, maintained - all through one dependable source. This is perfectly suited to modern methods of construction and offers considerable performance advantages, whole-life cycle benefits and sustainability benefits over traditional timber installations.





Access for all

We recognise the need for clear advice and innovative solutions to help service providers to fulfil their duties under the Disability Discrimination Act (DDA). Interpreting the design requirements contained within Building Regulations Approved Document M (2004) and British Standards Code of Practice, BS8300 is, for many, a daunting prospect. It need not be. As a global manufacturer and supplier of construction products directly impacted by this all-pervading legislation, Ingersoll Rand Security Technologies are able to offer specification insight without peer in our sector.

An expansive portfolio and expertise in openings and related hardware allows us to demystify specific issues - such as maximum opening forces, visual contrast, the 'not cold to the touch' element - and provide our customers with the highest level of confidence. A free of charge 'openings audit' service further enhances our capabilities in this important field.

Our independently accredited, DDA focused CPD seminar has been delivered to thousands of architects, contractors, end users, building control and other construction professionals throughout the UK. Supporting literature, including our 20 page 'DDA Design Guide', is recognised as the most comprehensive and authoritative in our industry.



Credentials

Capable. Accountable. Responsible.

We are proud of our association with many leading architects and designers, contractors and construction professionals. In the education sector, we have contributed to the successful delivery - and on-going development - of schools, colleges and universities throughout the UK and Europe. Our project portfolio is extensive; from the smallest pre-school to partnering projects on the largest multi-site developments.

Ingersoll Rand Security Technologies is an integral part of the Ingersoll Rand corporation, a diversified industrial concern with annual operating revenues of some \$11 billion. We understand construction. We understand buildings.

Ingersoll Rand embraces robust processes and metrics across its entire global organisation - however we don't expect you to take our word for it. Reassurance, where it needed, comes in the form of controlled activity monitoring and independent auditing against strict Sarbanes-Oxley criteria (SOX404) for financial, commercial, ethical and environmental practices.

'Companies that have more confidence in their control structure and are evaluating accounting risks enable investors and customers to have more confidence in their reliability'.

Naturally, we have ISO9001 and ISO14001 accreditation.

Being both a RIBA Manufacturers Network member and accredited RIBA CPD provider further supports our aim of providing a holistic, best practice approach to the demands of modern construction.

