## About Mul-T-Lock UK

Mul-T-Lock UK is a leading security manufacturer of innovative and bespoke security solutions.

Adhering to the industry's most stringent standards, Mul-T-Lock UK's security product portfolio uses advanced and patented technologies to deliver mechanical, electromechanical and electronic systems to suit any application across the UK and Ireland.

As a member of the ASSA ABLOY Group, and with availability through over 20,000 authorised and trained service centres, customers rely on Mul-T-Lock UK to provide proven, proactive and protective high security locking platforms.

# Your Access, Your Control

## MUL·T·LOCK®

An ASSA ABLOY Group brand

Portobello Works, School Street, Willenhall, West Midlands, WV13 3PW
Phone: +44 (0)1902 364 200  Fax: +44 (0)1902 364 201
Email: enquiries@mul-t-lock.co.uk  Web: www.mul-t-lock.co.uk  www.mul-t-lock.ie

ASSA ABLOY

Dealer Stamp

SMARTAIR

## MUL·T·LOCK®

# ঝ SMARTair    Smartair™ – Modern Access Control

Smartair™ is a high performance, cost efficient wire free access control system designed to offer a flexible solution capable of meeting the demands of today's ever changing working environment.

Smartair™ delivers a user and environmentally friendly intelligent locking solution that can be tailored to meet the exact requirements for your business. Whether your facilities are old or new, small or large, there is a Smartair™ solution for you. The subtle addition of a Smartair™ product to your door maintains a comfortable environment for your staff and visitors whilst delivering high levels of access control management to you.

Whatever the material construction of your application is; glass, metal, timber, composite etc Smartair™ can deliver an access control solution.

User friendly management software empowers the site administrator by making it quick and easy to set access rights. Equally Smartair™ allows rapid implementation of changes across single or multiple sites to ensure security and safety is never compromised.



# Smartair™ – Benefits

## Future Proof Security

To meet the demands of an ever changing world each Smartair™ system is modular and fully scalable, allowing building development and future expansion to be achieved with ease.

## Flexible

Designed to protect comprehensive range of Smartair™ locking solutions can be tailored to suit your security needs in line with budget availability.

## Adaptability

Smartair™ is available in a range of attractive finishes and styles and can also be supplied with the latest anti-bacterial coating to satisfy the needs where hygiene is of the utmost importance. For example hospitals and care facilities.

## User Focused

Smartair™ is operated using a choice of authorised credentials – a user card, a fob, a wrist band or a Synerkey®. Even if you have an existing card system it is possible to implement Smartair™ into your site and use your existing cards*.

## Environmentally Friendly

The low energy consumption of the battery powered Smartair™ unit**, makes it the ideal solution to help your company to achieve its carbon footprint goals.
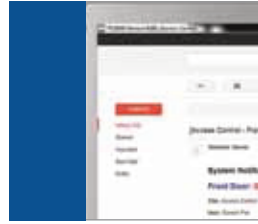
## Easy Implementation

When installing on new or existing doors Smartair™ is the cost effective access control solution to implement. By the nature of its innovative design, very often disruption to the day to day working environment is kept to a minimum with pedestrian access seldom affected. A range of wall readers is also available to allow incorporation of electronic locking devices for both new and existing applications.

*Technology dependent
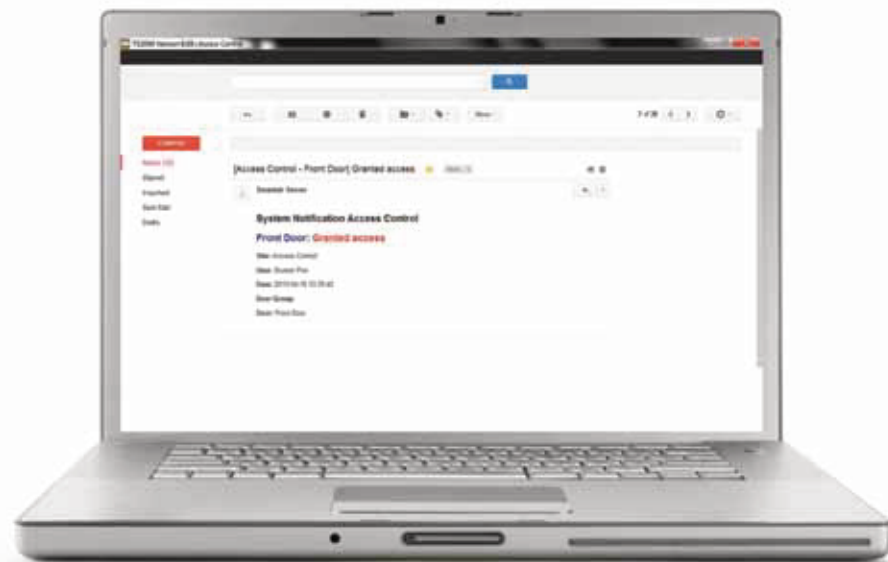**Does not apply to wall readers

We offer a variety of management tools that are designed to suit your needs.

Administration by management card is the entry level system and is ideally suited for sites requiring only a few doors. This system allows the manager to locally program a door with the option to add or delete a single or all users.

For those administrators that require more flexibility and greater choice of options, management is available through dedicated software and is available as both an offline or networked solution.

In the offline version all programming is done locally at the door with a programming device to change users access rights and retrieve audit trails.

The networked option allows the doors to be connected to the software through the local area network without the need to run cabling to the door. This is usually the preferred option for sites that require 'real time' monitoring and audit trails, plus the ability to remotely unlock and lock doors from the computer.
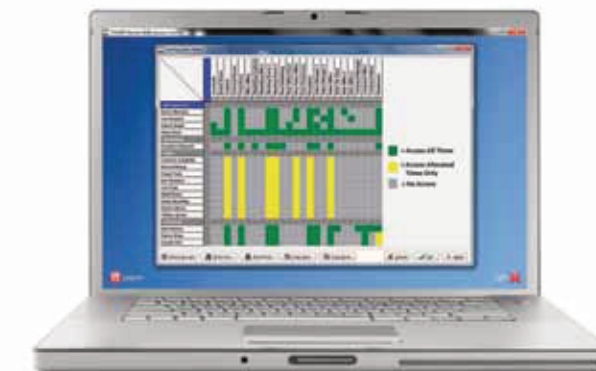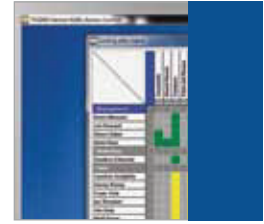
Email alerts give up to date status of amendments made to your site – door openings, access rights changes, unauthorised attempts.

The Smartair™ management software is user friendly and intuitive.

At the core of the software is the icon lead menu interface designed to allow easy administration of your Smartair™ system.

Designed with the administrator in mind the software is simple to operate. Full of useful features, the Smartair™ software allows the administrator the management flexibility and control required, including:

- Add, delete and modify users

- Add, delete and modify doors

- Change users authorisations to doors

- Add, delete and modify time zones for users

- Automatic timetabled operation of doors i.e. door automatically opens at 09:00hrs and closes at 17:00hrs

- Interrogation of cards or fobs

- Audit trail from doors

- Audit trail of software administrators

- Detailed printable reports

Site matrix gives clear visibility of your system and allows for quick and easy changes to access rights.

Icon prompt main menu interface is at the core of the user friendly management software.

# Smartair™ Electronic Handle Set

The Smartair™ electronic handle set has been developed to easily convert a traditional door to an access controlled door.

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Operation of the Smartair™ electronic handle set is designed to make access control simple and accessible to all. Presentation of a valid card or other credential to the integral proximity reader allows regular handle operation to open the door. The internal handle operates without the need for card or credential allowing safe exit at all times.

Suitable for use on internal or external doors and available in a variety of finishes the Smartair™ Electronic Handle set is designed to retain door aesthetics and integrity. The all-in-one electronic handle set negates the need for unsightly surface mounted locking and egress devices commonly associated with access control systems.

Installation of the Smartair™ electronic handle set removes the need for expensive or complicated cabling, thus reducing installation time and limiting disruption to the work place.

Smartair™ electronic handle sets can be administered by a simple stand alone card system through to an all encompassing wireless networked management system.

## Key Benefits

- No cabling required
- No mains power supplies required
- Environmentally friendly
- Reduced disruption to the workplace
- Available in a variety of finishes
- Can be retrofitted to most existing lock cases

# Smartair™ Electronic Cylinder

The Smartair™ electronic cylinder is the latest innovation in access control.

Operation of the Smartair™ electronic cylinder is designed with simplicity in mind. Presentation of a valid card or other credential to the integral proximity reader located on the face of the cylinder turn allows the user to unlock the door. A mechanical internal cylinder turn always allows the user to unlock the door.

Converting an existing door to an access control door has never been easier. Simply remove the existing mechanical cylinder form the door and replace it with a Smartair™ electronic cylinder. With no need for an auxiliary power supply unit or hard wire cabling, installation can be completed in just a few minutes.

A full range of application specific lock cases are available from Mul-T-Lock to suit your specific door and building needs where required.

Smartair™ electronic cylinders can be administered by a simple stand alone card system through to an all encompassing wireless networked management system.
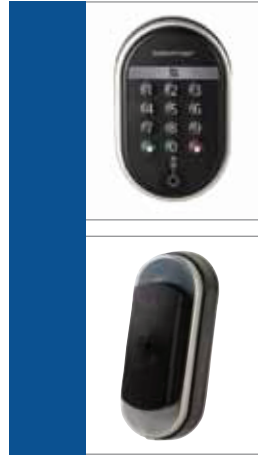
## Key Benefits

- No cabling required
- No mains power supplies required
- Environmentally friendly
- Reduced disruption to the workplace
- Compatible with all euro cylinder style lock cases

# ⟫ SMARTAIR  Smartair™ Wall Reader

A range of Smartair™ proximity wall readers are available for use where an electronic handle set or cylinder options are considered unsuitable.

These units are fully compatible on any access control application, for example automated doors, turnstiles, barriers and elevators.

Through Smart design the proximity readers can be used on new applications or easily replace existing access control readers to become part of the Smartair™ access control management system.

Smartair™ proximity wall readers can be integrated with other products within the Smartair™ access control range and also used in conjunction with a Mul-T-Lock low energy solenoid lock where improved green performance is important.

Smartair™ proximity wall readers are designed with your needs in mind. Available as proximity only, keypad only or a combination of proximity and keypad. In addition a slim line proximity reader is available for applications where a discreet solution is required.

Smartair™ proximity wall readers can be administered by a simple stand alone card system through to an all encompassing wireless networked management system.

# Smartair™ E-motion Lock

The Smartair™ e-motion lock is designed to provide access control to cabinets, lockers, drawers or other applications with a similar locking design.

Requiring no mains power supply the Smartair™ e-motion lock is an excellent access control solution to these traditionally difficult to manage applications.

Operation of the Smartair™ e-motion lock by its design is very easy. Present your user card (or other credential) to the integral reader to unlock the unit.

Equally at home on metal, timber or composite applications the Smartair™ e-motion lock Is an ideal upgrade to original lock devices whose keys are readily available on the high street. The Smartair™ e-motion lock delivers high levels of controlled access and converts a traditionally low level security application to a higher level variant.

The Smartair™ e-motion lock can be administered by a simple stand alone card system or a PC based software management system.

# ﹌ SMARTAIR  Smartair™ Credentials

### iCLASS by HID

### mifare®

Mul-T-Lock provide a choice of credentials to suit your organisation or users needs. Ranging from a simple white user card, suitable for ID printing through to the Synerkey which is designed to incorporate your proximity credential with a mechanical key*. This enables your organisation to be flexible in its distribution of credentials to meet the exact requirements of the environment. Furthermore credentials are available in two distinct technologies; HiD iClass and MiFare.

HiD iClass is suited to those applications where credential integrity and security is of the upmost importance. HID iClass technology uses a high level of encryption making it one of the most secure credentials available.

MiFare technology was introduced to the access control market in 1994 and has since established itself as one of the most widely used formats available. This makes the format ideal for environments where utilisation of existing site credentials is a preference, therefore providing a multi purpose credential for use with other applications, such as vending machines, library cards, parking barriers and other access control systems.

## Card

Standard credit card size this credential is ideally suited to fit inside the wallet, purse or worn on a lanyard. This credential is available in both HiD iClass and MiFare format and can be printed on to, thus allowing company or staff details to be illustrated on the card.

## Fob

Small and discreet, fobs are available in both HiD iClass and MiFare Formats. A key ring slot allows for this credential to be retained on a lanyard or attached to a keyring. Fobs by design are compact and very durable.

## Wristband

Waterproof composition makes the wristband credential ideal for use in leisure centres. Also by design, it is a good solution for environments where users may have restricted abilities and where tradition credentials may present difficulty of use. Available in MiFare.

## Synerkey

Designed to be used in conjunction with a Mul-T-Lock mechanical key, the Synerkey reduces the need to carry two items for locking and unlocking. By incorporating the credential in the head of the key the user is able to operate both the Smartair™ proximity device as well as mechanical locking devices. Available in MiFare format.

## Transponder Only

This self adhesive transponder can be attached to your ID card or other items to convert them to a credential. It can also be affixed to existing onsite credentials to allow multi purpose access more than one technology. Available in MiFare format.

*Available on Mul-T-Lock mechanical key platforms only

## Mezzino, Student Accomodation at Rialto Court

"Smartair™ appealed to us because of its stylish design and its flexibility to accommodate the different access requirements. We have found it really easy to use and manage as have the students, especially when they lose their fobs!

"With Smartair™ installed, access for cleaners and maintenance staff can be granted or denied by simply updating the exact door or doors concerned, saving us valuable time and resource which is awesome."

James McGrath, Co-Founder and Director of Mezzino

## BMW Showroom, Wollaston

"We wanted to upgrade our security to access control, but needed a wire-free solution that could work from existing programming and user cards and yet didn't compromise on the aesthetics.

"Lock-tec recommended Mul-T-Lock's Smartair™ Standalone and we were instantly impressed with how easy it was to install and code, and overall how robust the system is, standing up to the pressure of high traffic on a daily basis."

Rob Riley of BMW Wollaston

## The Green School

"The safety of the pupils attending our school is of paramount importance. When it was decided to upgrade the security arrangements, PW Secure-It recommended Smartair™ to bring all the convenience and added benefits of access control. Installation was quick and it is easy to use; in fact, the whole process was seamless from start to finish."

Dave Lawrence, Facilities Manager of The Green School

## Bishop Sutton Tennis Club

"Overall, the installation of Smartair™ was quick and trouble free and is proving to work well. We have distributed nearly 500 fobs to our members and feedback suggests the fob offers a greater convenience. We are already looking at ways to extend this to allow the key fobs to operate access to the courts at allocated times."

Chris Rylance, Bishop Sutton Tennis Club