

intelligent access control



track, trace, report

The next generation of high security padlocks, controlled by the world's most intelligent key system - **cyberlock**®





The problem....

....key control with the traditional key!

In today's climate, companies face major access control issues, including:

- Hundreds of keys that are out of control and which may have been lost or stolen
- Unauthorised people accessing sensitive or potentially dangerous areas, without detection
- Theft of cash, consumables and assets from property without a record of entry
- Difficulty controlling secure and time restricted access by outside contractors

This problem affects all sizes of businesses, and even many homes suffer the consequences of not knowing who has keys and who is using them.

Henry Squire & Sons offer a security solution that will help all sizes of businesses and homes with the next generation of high security padlocks for gates, garages, machinery, cages, cabinets and containers.

"We need a key that cannot be illegally copied opening locks that cannot be picked and the convenience of opening as many locks as required with a single key. If this key could also record the date and time of activity, that would also be a major benefit."

Security Manager
London Construction Company



No more bunches of keys!!!



power plants



sub stations



secure data environments



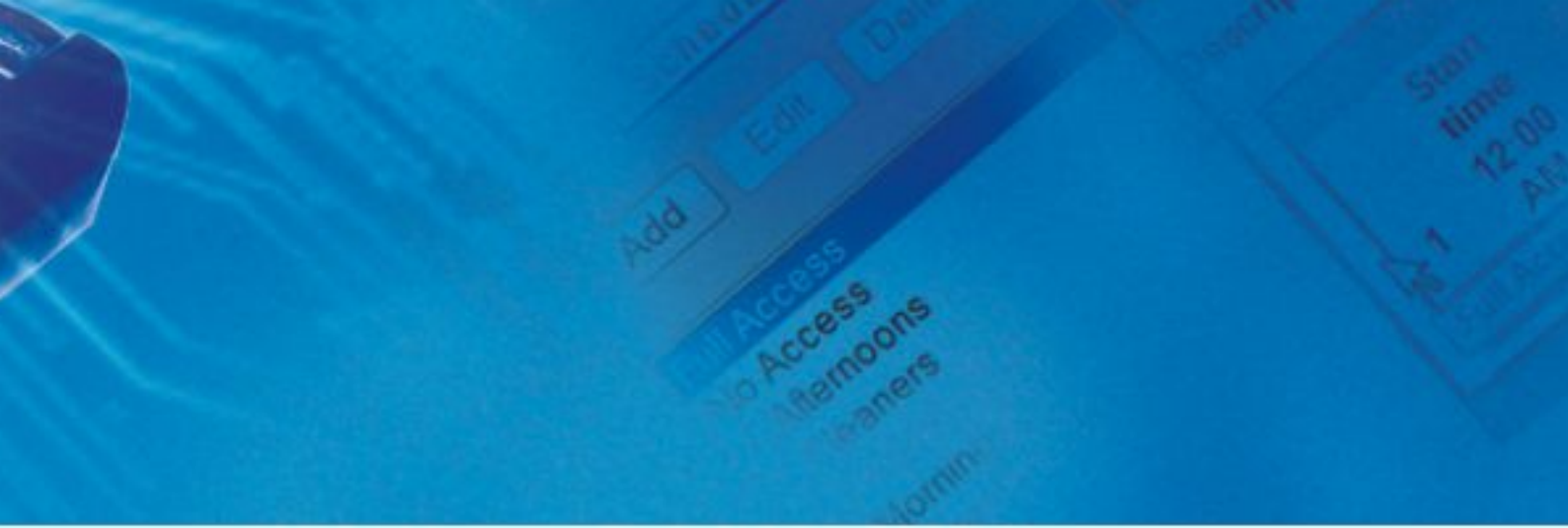
medicine rooms & cupboards



private data



parking meter, coin machines



The solutionthe CyberKey

Introducing the intelligent electronic CyberKey and advanced Squire Padlocks

When used with the Squire padlocks that include CyberLock, you can control what locks the CyberKeys will open and when they will allow access.

- CyberLocks and CyberKeys record all access activity, whether allowed or denied. Managers quickly achieve an accurate view of what is really happening in their business.
- Each CyberKey can be easily instructed to open hundreds of locks, but will only allow access on authorised days and at permitted times.
- CyberLocks cannot be picked and CyberKeys cannot be illegally duplicated, strengthening internal security whilst allowing controlled access by contractors, visitors and staff.
- Should you need to change CyberKey permissions, to remove or add locks to the authorised list, this is easily achieved yourself, saving costs and time.

Naturally, the CyberLock system can be extended to include many other types of locks if required. There are over 200 styles of lock available, as well as ready-made solutions for safes, PC protectors, cash handling, drug release, document storage and secure briefcases.

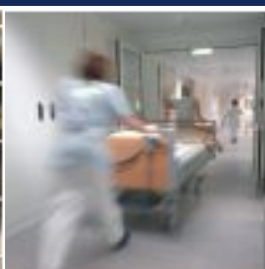


" We have been blown away by the CyberLock[®] system - its ease of use and extra control have managed to save us hundreds of thousands of pounds each week....."

Security Manager
Major London Council



restricted access environments



hospitals & institutions



water treatment plants



store rooms



data & server rooms



vending machines



Benefits

What are the most important features and benefits of CyberLock?

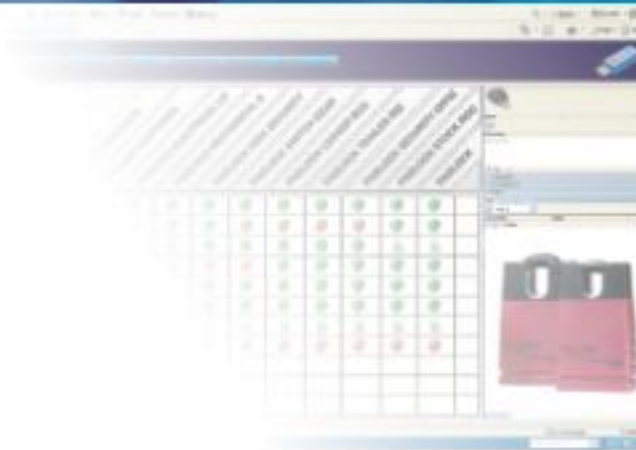
The CyberLock technology incorporated in the Squire range of Intelligent Padlocks is identical to that within over 200 designs of lock available from our business partner, AMS.

We provide the Squire Intelligent Padlocks ready to deploy within minutes.

- No wiring is needed so the locks are completely portable, which is why they are ideally suited to the Intelligent Padlocks we have designed.
- There are no batteries within the Padlocks even though they faithfully record all access activity, allowed and denied.
- CyberLocks cannot be picked since there is no keyway, making them also impervious to the ingress of water or dirt.
- CyberLocks are rugged and within our Padlocks we offer a range of styles and security levels to suit each type of situation.
- Should a CyberKey be stolen or lost, you do not have to change the locks.

Best of all, we offer solutions that mean you can take control of a situation in minutes. Deploy the Padlocks without any need for software or technical skills, or make use of the easy to use management platforms if you need to.

Add more locks and keys at any time. Benefit from being able to manage who can go where and when.



permit
restrict
monitor
track
report

Easy to use... ...easy to extend

How easy is it to take control?

Consider the advantages of being able to add more locks when you want to - or adding more keys at any time - securely and without fuss.

This is all achieved easily by using a special Control Key that we provide with each installation of our Padlocks. It has within it your own security code, making your keys and locks unique.

Coding Keys and Locks takes seconds. Just touch the Control Key into your locks. Only Keys that have your security code within them can open these locks. That's it. You are now in control. You have locks that cannot be picked and the convenience of a single key for all of your locks.

If you wish to change the settings within a Key, then we can arrange for the right software package to be made available to you from our business partner, AMS. There are software packages for every situation, to handle the needs of a home or small business all the way up to the largest of multi-site operations.

- Entry Point - Hardware Only
- Lite - Up to 50 Locks
- Professional - Up to 500 Locks
- Enterprise - Larger Organisations





main uses

Main uses

Accountability

Controlling, recording and monitoring who has gone where and when, which can be essential in many businesses such as manufacturing, health care and transport. The ability to exercise management control across remote sites or where assets are mobile makes our Intelligent Padlocks especially helpful.

Security

Improving and monitoring the handling of sensitive assets such as cash, legal documents, computer equipment and valuable goods is made much easier using the features within CyberLock Access Control, with many examples such as car park meters, vending machines and the information technology industries.

Health and Safety

Our Intelligent Padlocks are helping companies to comply with legislation, by allowing business managers to demonstrate that only authorised and fully trained individuals have access to sensitive areas of Plant and Equipment.

Government

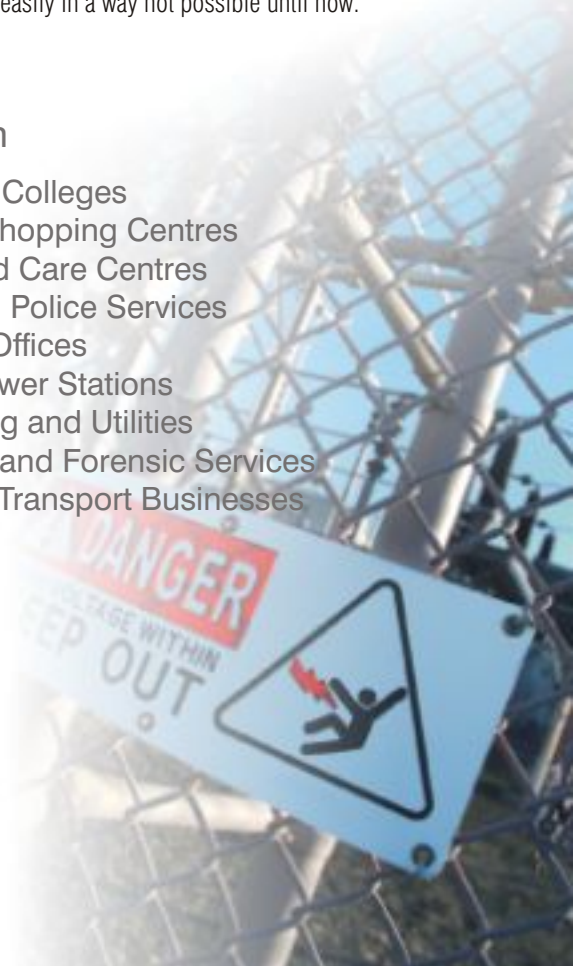
The ability to record and time restrict access to sensitive infrastructure, with the forensic record of who did what and when, is helping to streamline a range of processes by avoiding the need for paper trails. Every activity is automatically time stamped and available for secure on-line review if needed.

Property Management

If you wish to secure the perimeter of your house and sheds, or you have a major installation of communal property with fences and gates to protect, CyberLock brings you the ability to take control quickly and easily in a way not possible until now.

Used within

- Schools and Colleges
- Shops and Shopping Centres
- Hospitals and Care Centres
- Councils and Police Services
- Homes and Offices
- Ports and Power Stations
- Manufacturing and Utilities
- Government and Forensic Services
- Airports and Transport Businesses





Case studies

Parking Meter Protection

CyberLock® for Security

Background

The increase of attacks on parking meters has been widespread across the UK. A number of Councils have introduced the CyberLock solution that includes Squire Intelligent Padlocks to help eliminate the losses of cash being incurred. CyberLock also provides better protection to employees and agents, who no longer have to be concerned about keys that may previously have been stolen, copied or misused.

All previous solutions before CyberLock had failed due to the ease with which keys could be copied, with no ability to time restrict and record access.

Essential Requirements

- Keys that cannot be copied
- Padlocks that cannot be picked
- The ability to time restrict access
- Easy on-line reports of activity
- Remote update of keys with new permissions for each day
- Revoking of keys that may be lost or stolen

Project Success

In one project alone, over 700 padlocks have been successfully deployed with an immediate, substantial and durable reduction in the cash losses previously being incurred. Not a single Squire Intelligent Padlock has ever been successfully compromised.

Personnel Protection

CyberLock® for Health & Safety

Background

Master Key Suites have been the traditional means by which access to mechanical locks is made secure and convenient. This means that some persons have a key with access to all locks, whilst others are restricted to certain departments or areas. When tackling modern Health & Safety needs of industry, there is a growing requirement to ensure that only authorised and fully trained people access potentially harmful areas of plant. Traditional key suite systems do not meet the challenge of automatically recording activity and time restricting access.

Essential Requirements

- Keys that can be time restricted for groups of locks
- Remote update of Keys using PIN verification
- Perimeter gate and remote building control
- Date restricted access for control of external Contractors
- Dual key control over certain locks to ensure persons do not enter alone
- Time delay on locks to ensure activity is picked up by CCTV
- Automatic notification of activity outside expected parameters

Project Success

For an early adopter of CyberLock, one major UK Manufacturer has expanded their installation across many sites enjoying the benefits of total control over who can go where and when, with the management benefits of being able to monitor, track and allow activity as needed. Health and safety procedures are assured with a record of all activity in both the keys and the locks and PIN control over the use of Keys.





Squire **Stronghold®** range of padlocks



Stronghold®
BULLIT™



Grade 3-4

Hi-security CEN grade padlocks

SQUIRE **Stronghold®** brand of CEN grade hi-security products is recognised for market leading performance and versatility. All products are designed and manufactured using the latest computer controlled machinery and equipment. **Stronghold®** padlocks and padbars are tested to the European CEN standards for padlock and padbar fittings and meet grades 3-6.

Manufactured from solid billets of steel or brass. All tested to BS EN12320 - CEN grade

CEN sets the European Standards for padlocks and padlock fitting. Security ratings are awarded with the highest being 6 to the lowest being 1. SQUIRE **Stronghold®** hi-security products meet the CEN EN 12320 Standards 3 to 6.

Shutter locks - WS50S Range

These hi-security padlocks are purpose designed for securing roller shutters, warehouses, garages, lorries, perimeter gates, trailers and high security doors. For maximum strength and durability, the lock body is made from solid hardened steel and the shackle is made of hardened boron alloy steel.



Padlock for electrical switch gear

The SQUIRE **Stronghold®** padlock for switch gear is designed to stop accidental start up of machinery.

- 5mm shackle
- Ideal for pumps, valves and electrical switch gear
- Isolation of potentially dangerous machinery
- Available with solid steel or brass body
- Solid steel shackle
- Available in different colours



SS65 and SS65CS



SS50 and SS50CS



SB50 and SB50CS



product range



Heavy duty padlocks - unbeatable toughness in any weather POL45, POL45CS, POL55 & POL55CS

Constructed for extreme durability outdoors these heavy duty padlocks are designed for securing garages, site equipment, vans, perimeter gates, commercial vehicles and storage areas. Made from solid steel, Powerlok™ padlocks benefit from state-of-the-art British manufacturing to ensure the tightest tolerances, reliability and security. They come with an innovative soft-feel weatherproof body cover for easy handling.

Powerlok™ features

- Heavy duty security product
- Solid steel lock body
- Soft feel body cover for easy handling
- REKEYABLE 5 pin tumbler cylinder
- Boron steel shackle - hardened
- Spring locking, double deadlocking, ball locking

Powerlok™ benefits

- Heavy duty construction for high security protection
- Easy to use self-locking mechanism
- Easy to handle lock body, particularly in cold weather
- Weather-proof covering gives excellent outdoor durability

Customised products

Powerlok™ comes in a range of four colours, black, red, blue or yellow and can be customised by printing your company logo onto the body.





Sold Secure Security Chains



TC chain



G chain



J chain

Hardened alloy steel - Sold Secure approved, the SQUIRE range of hardened alloy steel chains are all Sold Secure approved and provide a very high level of security. The chains are recommended for use with a SQUIRE padlock of similar strength. They are available in a range of different lengths.

- TC chain - 14mm hardened alloy steel
- G chain - 10mm hardened alloy steel
- J chain - 8mm hardened alloy steel

Chain Attachments



Chain attachments are a convenient and low cost way to secure a padlock whilst it is not in use. They are particularly useful when there are multiple users of the same padlock. All chain attachments are available as part of the Special Products Fast Track Service.

High Security CEN grade Hasps and Staples STH1 & STH2



Built to stringent BS EN 12320 European Security Standards with CEN ratings 4-6, Squire's **Stronghold®** padbars provide maximum security against attack. Their heavy-duty construction provides a total security solution as part of SQUIRE'S extensive range of **Stronghold®** hi-security products.



special products

Cylinders



The CyberLock isn't just available in padlocks. It is also available in a variety of cylinder formats such as Euro cylinders, UK Oval cylinder, Scandinavian Ovals, Mortice, Rim cylinders etc.

Specialist products

In addition to the Squire Intelligent Padlocks, CyberLock comes in a wide range of formats and solutions. AMS is able to provide further details, such as:

- Cylinders
- Switches
- Safes
- Drop Boxes
- Document Protection
- PC Protectors
- Cash Transport Solutions
- High security doors and safes



®



SQUIRE

electronic™



SQUIRE



SQUIRE recognises the market wants new and better solutions to security problems. With our expertise in the security market and our determination to meet our customers' needs, SQUIRE has a proud record of producing products that are innovative and unique in design. Many of our recent product developments are protected by patents and offer solutions that are not available elsewhere. With the substantial investment in our new building and capital plant we are well placed to accelerate our rate of product development and strengthen our position as market leaders in the development of security products.

ams



AMS provide intelligent access management and activity tracking solutions. Many require no wiring and are therefore extremely flexible. CyberLock is a good example where AMS has developed solutions to meet the needs of a range of industries - including Utilities, HealthCare, Vending, Property Management and Retail. The AMS Head Office and training centre is based in the Midlands, with regional support and distribution across the UK. AMS are members of the Association of Police & Public Service Suppliers (APPSS), the Defence Manufacturers Association (DMA) as well as other industry specific bodies such as the Automatic Vending Association (AVA).

Squire electronic, working in conjunction with AMS
Squire electronic is a division of Henry Squire & Sons Ltd
Lock makers since 1780

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AMS is the authorised business partner of VIDEX in the UK

www.squire-electronic.co.uk

www.amsgroup.uk.com