



SECURITY, EFFICIENCY AND
ACCOUNTABILITY OF CONTROLLED DRUGS

The most common phrase in any hospital department...

"WHO'S GOT THE DRUG KEYS?"

Nurses can visit drugs cupboards up to 50 times per shift. One study found that this could waste up to 40 minutes per shift looking for keys – and substantially longer if the keys have been taken from the ward. This is time lost from Patient Care. At a time when efficiency drivers are the 'key' to success within the NHS, a solution needs to be found...

YOU HAVE HUNDREDS OF RESPONSIBILITIES...



BUT YOU ONLY NEED ONE KEY



CASE STUDY: QUEEN ELIZABETH HOSPITAL, BIRMINGHAM



1,100 Drug Cupboards



1,286 Keys



6,900+ Staff



30 Theatres



1,215 Beds



Complete Solution from Abloy UK

Inderjit Singh

*Chief Pharmacist,
Queen Elizabeth Hospital,
speaking about CLIQ®:*

"It doesn't take a significant amount of capital resources to install the system, it is the lock system itself that you are installing, which is battery operated so there are no concerns of power going to cupboards. You can retrofit it to cupboards you've got in place.



"Another aspect which we're extending it to next year will be around patients gaining access to their own medication. So some patients that want to take their own medicines from a cabinet next to them. They will be given a *credit card* type swipe and they can just utilise that to access the medicines and self medicate."

38 HOURS

SAVED EVERY SHIFT (5 EXTRA NURSES)

8,500+ CABINET OPENINGS PER DAY



HEALTHCARE SOLUTIONS

CLIQ® SMART KEY SYSTEM

The Award winning, *Nursing Times Innovation* nominee PROTEC² CLIQ® by ABLOY is an electronic key system that combines physical mechanical security compliant to the [Safe Custody of Medicines Act 1983](#) and electronic technology, enabling traceability of staff and continuously changing access rights. Keys can be automatically disabled if lost or stolen allowing each nurse to carry [their own key](#).



INTRODUCING NEW TECHNOLOGY

New systems can be difficult, and often a lack of change management and inherent cultural behaviour are barriers to progress. With PROTEC² CLIQ® the change is seamless. As global providers of locking solutions there are cylinders, cabinet locks and padlocks available to lock every treatment room door, controlled drug cabinet and drugs fridge. The locks are easily installed into existing equipment and all a key holder needs to learn is not to shout “**WHO’S GOT THE DRUGS KEYS?**” anymore.

ABLOY UK’s Healthcare team are always available to assist in installations, training and stakeholder buy-in to ensure the product is installed, maintained and managed conveniently and seamlessly.

BRANCHING OUT...

Following the success of the Award-winning PROTEC² CLIQ® solution, ABLOY UK partnered with other members of the ASSA ABLOY Group to develop the solution and solve further issues in the healthcare sector. These include Door Access for wards and clean utilities, patients’ own drugs lockers and bedside cabinets, key handover management cabinets, and integration to existing on-site solutions such as E-Rostering and Human Resource databases.

FOR YOUR BESPOKE SOLUTION: **CALL ABLOY**

HEALTHCARE SOLUTIONS

RFID BEDSIDE LOCKERS AND POD LOCKERS

An increasingly mandated and scrutinised area of medicine management within a hospital or treatment facility is the issue of self medication by patients and storage of both medicines and personal belongings.

ABLOY RFID locker locks provide a seamlessly integrated, retrofittable solution for management of patient lockers.



POD - Patient's own dispensing

ACCESS FOR TREATMENT ROOM DOORS

ABLOY SMARTair™ provides a flexible, easy to install and user friendly access control solution. It is the perfect partner for our CLIQ® Healthcare Solutions, to provide the full package for managing access.

Most Abloy SMARTair™ installations can be completely battery operated and can be managed without any software, making them a very simple and cost effective way to provide access control on selected critical doors.

Access through a SMARTair™ door can be achieved with the use of a key, a fob or with a digital PIN code as prescribed by the Home Office.



TRAKA 21 KEY MANAGEMENT

In many cases volumes of keys can pose a threat to even the more secure key management systems.

The ABLOY TRAKA 21 key cabinet provides quick, simple handover of keys at the end of each shift.

This minimises the quantity of keys required and enhances the traceability of the system as the cabinet matches each key to an individual, during the hours they use it.

Easily installed, moved and updated.



BUSINESS BENEFITS

MORE TIME TO CARE...

The primary driver in every care environment is patient care. The time saving that arises from the PROTEC² CLIQ[®] key solution can be as much as **40 minutes per nurse, per shift.**

But there are many other benefits the system can provide...

STAFF MORALE

The engagement and motivation of staff is never more critical than when it is our care that we place in their hands.

Nurses, doctors, surgeons, anaesthetists and other personnel who often require access to drugs embrace the simplicity of the ABLOY solution.

“You’ve got that quality time with your patient, rather than just looking around, wandering around, looking for keys.”

“It’s life changing, it really is”

AUDITS AND APPROVALS

The **Misuse of Drugs Act 1971** and the **Safe Custody of Medicines 1973 Regulations** call for Controlled Drugs to be stored in a secure cabinet locked at all times with a lock compliant to **BS3621**. Our solutions meet and exceed this requirement.



Misuse of Drugs Act 1971

Describing a culture of innovation within the trust:

“An example of this was the drug key system on trial on the assessment units. It had been identified that significant nursing time is spent getting access to the drug cupboard key. This can lead to poor practice of control of the key and ineffective use of nurse time. The team had identified a system where an electronic key is released to each member of staff on duty; it is linked to them and an audit trail available. It restricts access to some staff when skills and competencies have not yet been achieved.”

DATA

KNOWING WHO HAS HAD ACCESS TO DRUGS AND WHEN...

Investigation into stock discrepancies is known to be an arduous task in pharmacy departments due to the lack of available data. CLIQ® Software stores every cabinet opening, the length of time the key was in the cupboard and the date and time it was used.

Investigation is now a few 'CLIQs' of a button...

SECURE, ENCRYPTED AND INTEGRATED

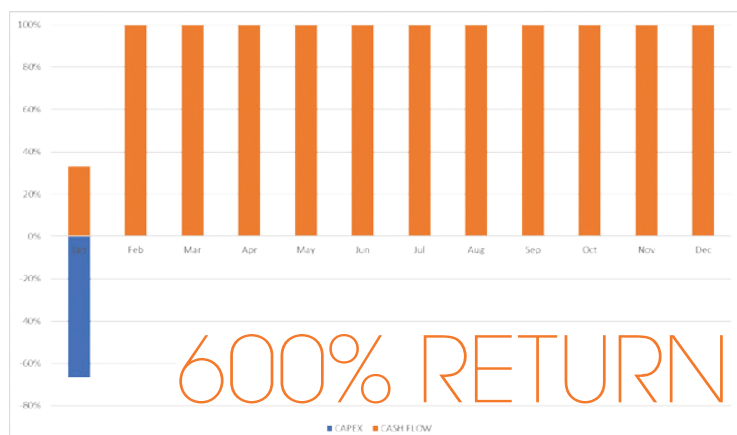
Installation of new systems, particularly when they incorporate an aspect of IT or Data can be complex. At ABLOY UK we take care of those complexities for you. Operating the solution as a Software as a Service or SaaS offering means that we utilise existing infrastructure without installing new servers or applications.

Access to the system is simple and secure, a web portal allows management and visibility of every element of your solution, 24 hours a day 7 days a week.

It is our job to patch the systems and maintain security - after all many of our nations critical utilities, transportation hubs and high traffic tourist attractions rely on PROTEC² CLIQ® for their security.

The team at ABLOY UK have consulted Information Governance to ensure compliance and we are now working with industry leading software vendors to increase our portfolio of integrations and bring new innovations to our healthcare customers.

RETURN ON INVESTMENT



600% RETURN ON INVESTMENT

MIKE URWIN

CHIEF PHARMACIST,
NORTH LINCOLNSHIRE & GOOLE NHS TRUST,
SPEAKING ABOUT CLIQ®:

"The return on investment is incredible, we estimate that it costs about £3,500 per ward to install the system and that money is saved in released nursing time in about 2 months, that equates to a return on investment of 600% in the first 12 months which quite frankly is incredible."

DAY IN THE LIFE OF AN ABLOY NURSE

Working smarter... not harder

This is what a shift looks like with ABLOY helping out. To find out what this could look like in your hospital or treatment facility contact ABLOY.

STEP 1 - PICKING UP YOUR KEY

No need to sign a book or hunt around the ward for the keys, when a key holder comes on shift they simply enter their PIN number in the TRAKA key cabinet to retrieve their key.

The cabinet records the time and the date against the user and the key they have been authorised to remove.



STEP 2 - KEY VALIDATION

To record the previous shifts activities and to validate the key for the next shift the key is placed in a Wall Update station.

If a key goes missing, is stolen or needs to be removed from the system, the validation using the Wall PD updates or deletes the key's access rights.

Keys can even open different cabinets on different days.



Start of Shift

STEP 3 - DURING THE SHIFT

Key holders have access to whatever cabinets, trolleys, fridges or patient cabinets they require.

Each access is recorded including how long a key is left in a cabinet and when it is removed.



50 OPENINGS PER SHIFT NO WASTED TIME



At the end of the shift...

How much time has been saved?

On a typical ward each nurse can waste up to 40 minutes per shift trying to find keys...

STEP 4 - RETURN YOUR KEY

Simply enter your PIN and return the key to the cabinet, with all user information automatically and securely recorded. If an illegal handover has occurred i.e. a user returns a key with a different PIN to the user that retrieved it, a report is generated.

100% accurate, confident, secure data...



ONE KEY...



... CAN OPEN ALL THESE LOCKS

VOICE OF YOUR COLLEAGUES

See what fellow medicine management professionals think...

Since the launch of ABLOY CLIQ® in 2011 into the UK Healthcare Sector, our knowledge and understanding of our clients key challenges and requirements has grown. By listening to early adopters and by challenging our developers to grow the solution we have been able to resolve countless challenges for our customers.

See what your colleagues think...

JON STANDING - YEOVIL DISTRICT HOSPITAL

Chief Pharmacist

“Installation on the full system approach of CLIQ® locks/keys, RFID bedside lockers and Traka 21 electronic key safe has allowed us overnight to fundamentally improve the security and safety of medicines in clinical areas. This combined with the staff time that has been released back into direct patient care means that the investment has created a win win situation for us.”



STEVE HORTON - SANDWELL AND WEST BIRMINGHAM TRUST

Chief Pharmacist

“Investigating a discrepancy in controlled drug stocks was completed in less than an hour as we could identify everybody who had been into the cupboard in the previous 12 hours.

“No longer do you hear the cry: ‘Who’s got the keys’ when you go round a ward. It is easy to check which clinics leave their cupboards open while the clinic is in progress.”



FIONA DORRINGTON - THAMES HOSPICE

Macmillan Principal Pharmacist Palliative Care

“We have found that the system was easy to have installed into our existing cupboards and has made access to medicines quicker as the nursing staff and the pharmacist no longer have to find the key holder each time they need to access the drug cupboards. When a key was lost it was easy to interrogate the system to assure ourselves that it had not been misused.”



If you would like further information on any of our installations or would like to talk to one of your colleagues already benefitting from our solutions, please call us.



COST EXAMPLE

Abloy understand the pressures in the healthcare sector to achieve maximum value from any investment, and we offer bespoke cost-effective solution pricing...

ABLOY offer solutions to the market through a network of dedicated installation partners. The cost examples below are based on ABLOY published RRP prices and formal quotations can be provided on request.

HEALTHCARE@ABLOY.CO.UK

A 20 Ward Installation

A typical 20 ward installation will include up to 8 locks per ward including, Controlled Drugs Cabinets, Fridges and Trolleys. 10 keys per ward that are shared across each shift.

The keys could be stored in TRAKA key cabinets and RFID lockers would be compatible with the solution.

£100K

OR

£3,222 PER MONTH*

*134 Hours of nursing time saved per ward...
each month*

£15K

OR

£484 PER MONTH*

Smaller Treatment Facilities

Many customers choose to start small and build the system up slowly, but equally these customers could only have a small footprint and ABLOY solutions are ideal for all healthcare customers big or small.

35 Locks and 15 Keys per ward...

How does this work?

ABLOY partner with existing healthcare solutions providers, qualified and authorised experienced locksmiths and installers and even financial organisations to offer the right solution to you.

- * The above estimations include an installation cost, training, maintenance and support and can be broken down into a 3 year lease package as described.

There are no hidden additional fees and we are there to help you every step of the way with our free of charge technical support helpdesk and our vast network of experienced partners.

Contact our healthcare team for a formal quotation or more information...



Security, efficiency and
accountability of controlled drugs



ABLOY secures people, property, and
business operations on land, at sea,
and in the air – in all circumstances.

ASSA ABLOY is the global leader in
door opening solutions, dedicated
to satisfying end-user needs for
security, safety and convenience.

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