

A man wearing a yellow hard hat and a plaid shirt is looking at a row of server racks in a data center. The racks are filled with various cables and components, some of which are illuminated with blue and orange lights. The background is slightly blurred, showing more racks and the interior of the data center.

FOR TRUST IN DIGITAL INFRASTRUCTURE

# Security Solutions for Digital infrastructure



## Protecting your equipment, ensuring customer service

We understand the demands on your business, the pace of change is increasing, and with ambitious government targets for 85% nationwide fibre to the premise (FTTP) coverage by 2025, achieving this will be a challenge.

You need to make progress as quickly as possible and competition is increasing as new 'altnets' companies with varying levels of experience and expertise are emerging to rise to the challenge.

Driven by the Dept. of Culture, Media & Sport, targets for FTTP coverage need not only to be reached, but must be delivered with complete safety and security compliance and that's where we can help you manage and protect your assets and your operations.





## Where our security solutions can help you

Security and protection of infrastructure is paramount to ensure the service is delivered without disruption 24/7/365.

You need to look at the current infrastructure including Cabinets and Cabled Networks, and plan for emerging equipment and technologies that will deliver the future capability such as Smart Lamp posts, additional point of presence connectivity and automated transport.

Access needs to be secure but also versatile, so it can be given immediately in the event of an emergency, or to improve businesses operational efficiencies and sustainability objectives. Access may also need to be revoked immediately without disruption if access is compromised.

Some sites will be shared and will require multi-company and agency access – and this needs to be convenient, secure and audited so businesses have full traceability of who's accessed which locking points and when.

Ideally such a system will integrate with third party ticketing systems such as permit to work and training records to ensure that staff and contractors remain safe by controlling individuals access down to an individual piece of equipment by those who are properly trained and competent to service that equipment.

### Current Infrastructure

- Roadside cabinets
- Cabled networks
- Data racks and cages
- Manhole access covers
- Secure Access Hatches
- Vehicles
- Point of Presence (PoP's)
- Data centres
- Storage / service depots
- Towers

### Future Infrastructure

- Smart Lamp posts
- Automated transport
- Charge points
- 5G Antenna sites
- Live news / advertising sites
- Travel info
- Air quality monitoring sensors
- WiFi
- Faster integrated connection

### Shared Access Sites

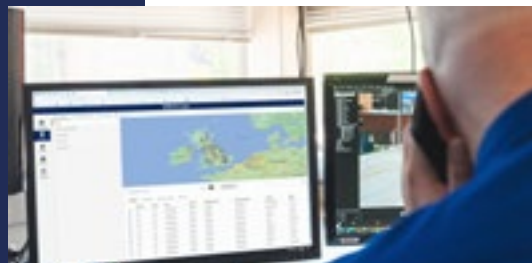
- Convenient and efficient access for operations
- No compromise on security
- Security audits, automated reporting
- Minimise the risk of lost or stolen keys
- Compliance with relevant security regulations – Telecommunications (Security) Act 2021

## How we can help you

ASSA ABLOY can provide a complete package of digital access control, electromechanical and mechanical locking systems to fulfil virtually any locking solution you need.

### CIPE Manager

Manage your keys, locks and access rights remotely and flexibly with CIPE Manager, our user-friendly, cloud-based management system. CIPE Manager connects with our digital portfolio including our keyless solution ABLOY BEAT, electromechanical solution PROTEC2 CLIQ, and ABLOY mechanical master key systems. CIPE Manager provides digital convenience, control and security to simplify your operations, helping you increase efficiency and providing comprehensive situational awareness.



### Optional Credentials

Credentials to access areas, rooms and cabinets need to be closely controlled, but they also need to be convenient and practical. With ASSA ABLOY access control systems they only need a single credential to access all the areas they need – key card, fob, or a mobile device such as a smartphone or smart watch.



### Digital key Systems

We live in a connected world that offers tremendous capabilities and opportunities, but it also creates new Cyber Security threats and challenges.

ASSA ABLOY's digital key systems combine the benefits of digital technology, including passwords, multi factor authentication, audit trails, flexible access control and so much more, with the security of market leading, fully tested, resilient mechanical locks.



### ABLOY BEAT

The ABLOY BEAT mobile app allows activation of users' own access rights and flexible access to specified locations, syncing all rights and movements with CIPE Manager. Especially useful in remote areas, busy schedules and emergency cases from wherever you are. Travel logistics and key management are significantly simplified, saving on emissions, costs and time.



### Electric Locks & Electric Strikes






Wired locking solutions such as electric locks and strikes are recommended for external doors and doors which require high security, such as Offices, Labs and IT hubs.






These products are tested to fulfil UK and European Fire and Escape standards, helping you meet your regulatory requirements, as well as helping you implement a Lockdown situation.

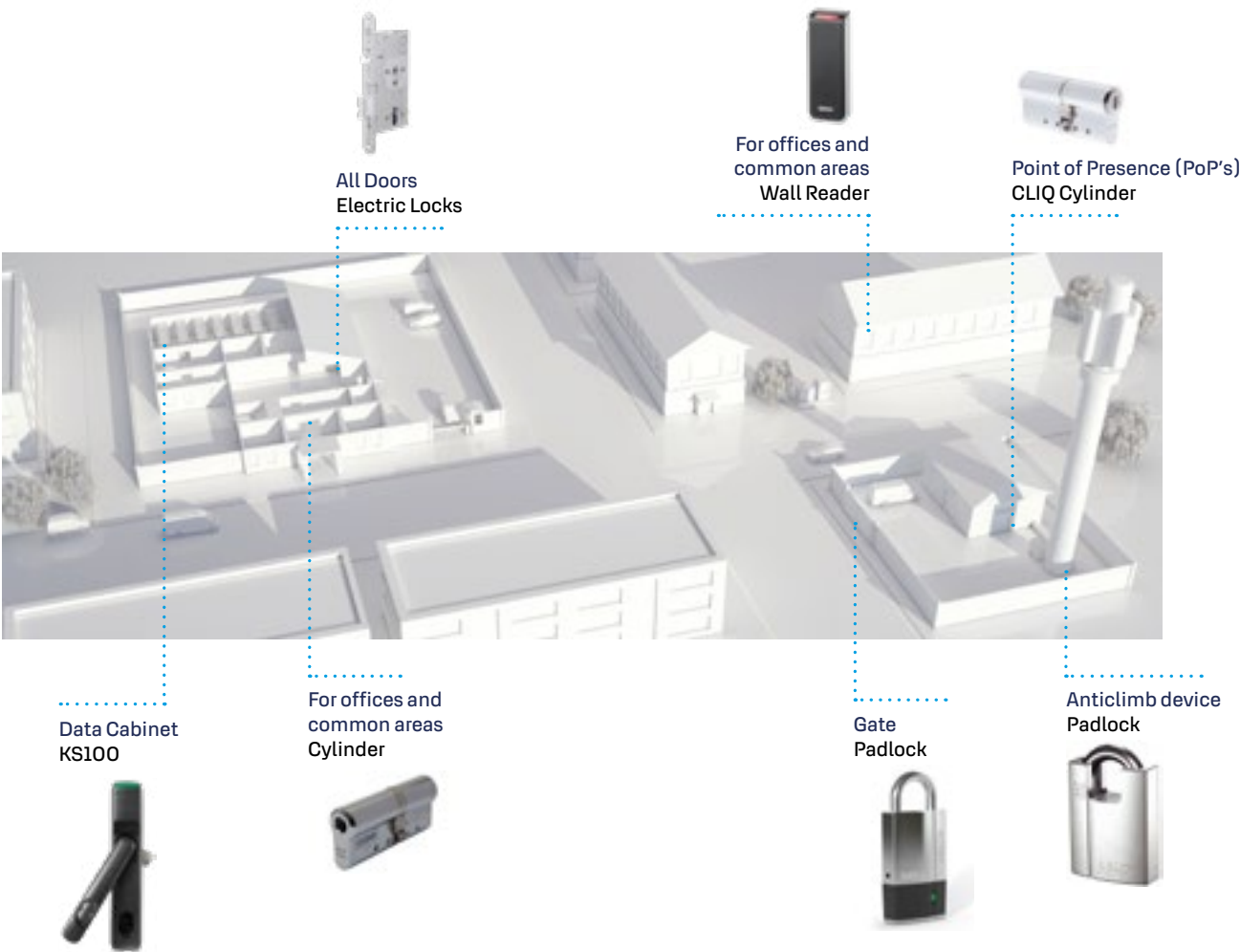


# How our security solutions can help you

ABLOY offer a comprehensive security ecosystem: integratable, Fire Safety & Escape compliant locking solutions to meet BS EN 179, BS EN 1125 and BS EN 13637, suitable for credentials including cards, fobs, mobile phones and keys.

Protecting	Lock
Point of Presence (PoP's)	
5G Antenna anti climb	
Active Cabinets	
Passive Cabinets	
Data Centres	

Protecting	Lock
Server racks	
Storage units (containers)	
Warehousing / Offices	
Vehicle high value storage cages	
Perimeter Gates	





## Benefits

- Asset Management, Service and Maintenance Management, Control Security.
- CIPE – Digital , Electromechanical and Mechanical – Full range of solutions
- Full Audit Trails
- Full situational visibility of the lock status in remote sites
- Improve the flexibility and standards of recording, monitoring and auditing of keys and individuals access rights
- Eliminate risk of lost or stolen keys
- Behavioural management and competence
- Secure and flexible key management
- Third party integration
- Shared access for multiple users
- Meeting the range of compliant and Safety standards and guidelines?
- CPNI Tested products – Approved for UK Government use
- IP rated products available for harsh environments
- ATEX certified products
- LPS security rated products
- Cyber Essentials certified
- Reduce carbon footprint – achieve your Sustainability objectives
- Mobile / digital key management
- Installation Services & Support

## Trusted by Internet Service Providers

Major technology companies trust Abloy UK to protect their assets – including commercial offices, server racks, data centres, network cabinets and 5G Antenna sites.

Abloy products are trusted to protect assets globally with an unrivalled range of proven solutions, to provide the ultimate combination of security, reliability, accountability and convenience.

### Gigaclear, UK



Since the installation of eCLIQ, Gigaclear has been able to audit cabinet access, resulting in a complete drop in hardware outages caused by their own contractors. It is also now benefitting from lower operational costs, thanks to not having to respond to major incidents, and their overall network up time has increased.

The Network Operations Manager at Gigaclear, said: "We chose to work with Abloy because of their outstanding reputation in the security marketplace, and we're glad we did as we've had no problems to date. I'm very pleased with the new system, which has increased up time and overall made our operations more efficient."

### Virgin Media, UK



O2, Virgin media a British based telecommunications company owned by Liberty Global and Telefonica's owned O2 merged in 2021. Virgin Media owns and operates its own fibre-optic cable network, operating a fibre to the cabinet service which then connects to businesses and households.

As a business processing vast amounts of data and with the introduction of the Telecoms Security Bill, knowing who has access to that data and when they accessed is becoming increasingly important. Following a regular key audit, the decision was taken to upgrade to a more effective key management system that would provide full traceability of who had which keys, and who accessed which lock, where and when, and to monitor if keys were lost or stolen. As an existing user of ABLOY mechanical products Virgin approached ABLOY for a solution. They chose CLIQ, not only because it enables audit reports to be run on a regular basis, but also because CLIQ manages the keys access rights, delivering heightened security greater flexibility, and speed of change with the added benefit of future-proofing.

### Verizon, UK



Verizon is one of the world's largest telecommunications providers, known for its 4G and 5G wireless networks, broadband, fibre optics, video and advertising platforms. Founded in 2000, it now provides services to 118 million people across the globe. Its UK company, Verizon UK Ltd, is based at Reading International Business Park and employs more than 2,000 people.

Verizon UK selected Abloy's award-winning PROTEC2 CLIQ® as a secure, easy to use access control system. Using CLIQ products has enabled Verizon control entry and provide audited evidence throughout the country to a wide variety of applications. The ability to zone control is the feature highlighted as a major benefit when they chose CLIQ from Abloy.

### Vodafone, UK



Vodafone Limited is a British telecommunications services provider, part of Vodafone Group Plc, the world's second-largest mobile phone company. In the United Kingdom, they have almost 17 million subscribers and is the longest running network in the UK.

The CLIQ system from ABLOY was adopted through Mitie Fire & Security to secure Vodafone's Fixed Line internet service sites. The sites which are on their criticality category, use CLIQ as an additional layer of security and wire-free access control, making it an easy solution for retrofitting into existing locks and security doors. The system is centrally managed by the ARC but could also provide decentralised administration and automated access validation through integration with ticketing systems.

### KCOM



KCOM Group is a UK communications and IT services provider. Its headquarters are in Kingston upon Hull, Yorkshire, and it serves local residents and businesses by providing ADSL, VDSL and fibre to the home (FTTH) broadband internet and telephone service in Hull and surrounding areas.

KCOM had been a long-standing user of ABLOY mechanical master key systems but wanted to improve key control. As a provider of Critical Services, being able to carry out comprehensive key audits and know who has access to any asset is crucial, especially within communications where huge amounts of audio and data is handled. KCOM turned to ABLOY for the solution and chose CLIQ technology which would future-proof their system, provide the ultimate in key control as well as the ability to deliver operational efficiency benefits.





# SECURED BY ABLOY

Abloy is a security and locking innovation company with trust at the core of all activities. By combining mechanical and digital expertise Abloy develops industry leading security solutions to protect people, property and business. Abloy is part of the ASSA ABLOY Group.

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4/2019 | Subject to change without notice.