



SECURED BY  
**ABLOY**

FOR TRUST IN WATER

# Critical Infrastructure Protection for the Water Industry

**ABLOY**



## For Trust in Water

ABLOY digital, electromechanical and mechanical future-proof solutions provide a high level of safety, control and efficiency for all aspects of water industry operations — from source to tap.

## Securing clean water to the society

Access to clean drinking water is vital for civilization and all mankind. However, the water industry is complex network of reservoirs, treatment plants, pumping stations and boosters. Many of the water industry's buildings and plant assets are in remote and isolated locations where they can be vulnerable to accidental or intentional contamination of treated water. Therefore, it is vital that they are securely protected and access is controlled and monitored.

With ABLOY solutions, you can protect your commodities, premises, equipment, assets and personnel by overcoming all the main challenges with one comprehensive solution. By connecting all your infrastructure, equipment and access control into one secure, digital ecosystem, we enable daily operational efficiency and continuous service. With remote access control and simplified key management you save time and reduce expenses without unnecessary travel time and key logistics.



# Digital Portfolio for Critical Infrastructure Protection

## Your bridge to the future

From the inside out, each employee, contractor, access point, restricted area and site can be controlled and monitored remotely. Assisting in meeting the demand and regulations for secure and efficient water industry operations from source to tap is what we know and do well.

The Digital Portfolio for Critical Infrastructure Protection and solutions are constantly developed to meet future needs ensuring that the supply chain of clean water is secure and operational for future generations as well.



\*Check availability from your local distributor

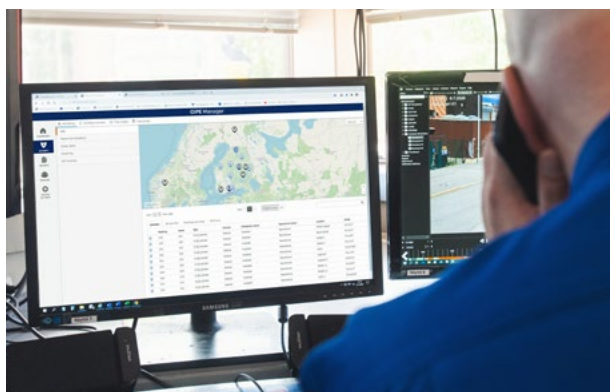


## Beyond high-end security requirements

Storing and using dangerous chemicals such as chlorine at water treatment works poses a severe challenge for security solutions. New water quality standards demand robust protection against physical attacks and the ability to withstand chemical corrosion and extreme weather conditions. Abloy has a comprehensive door cylinder range, cam locks and Super Weather Proof (SWP) padlocks that are durable and designed to perform under harsh conditions.

# Operational flow with digital transformation

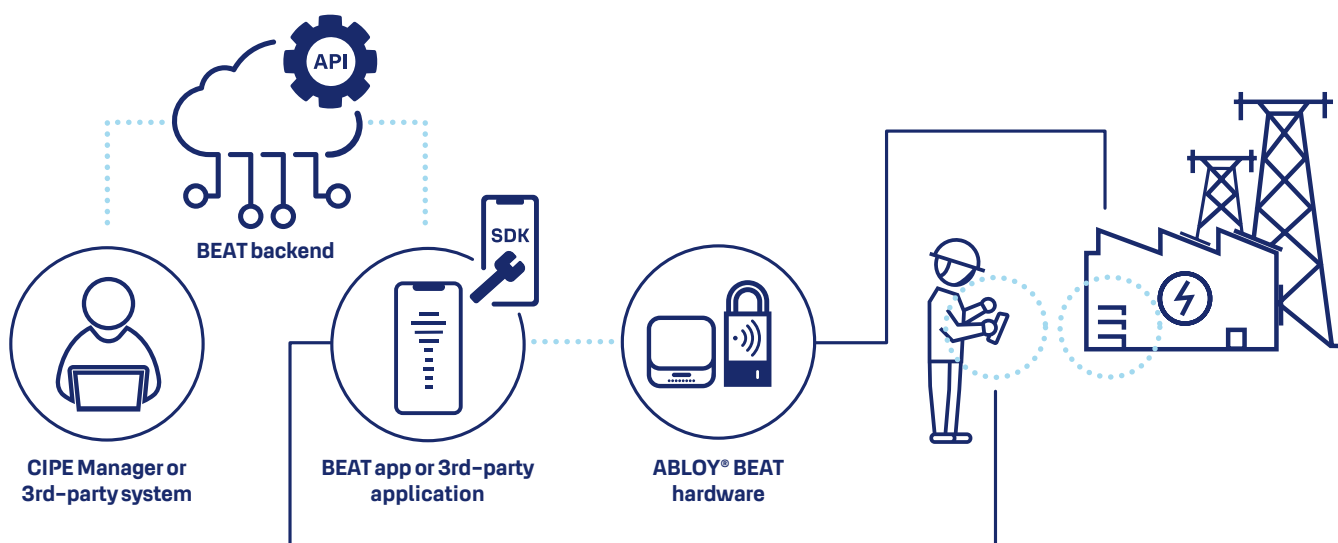
With multiple locking points, diverse locations and numerous access groups, it is challenging to maintain controlled access for operational efficiency without the risk of keys being lost and the system becoming compromised. The Digital Portfolio for Critical Infrastructure Protection streamlines key control and management by reducing the need for duplicate keys, having access management and audit trail feature with both keyless and key-based solutions. Daily operational efficiency can be increased even further by integrating our digital ABLOY BEAT and electromechanical PROTEC2 CLIQ solutions into your workflow or third party systems.



## Manage your security with map-based interface

Abloy simplifies access control with remote management systems incorporating CIPE Manager, ABLOY BEAT and PROTEC2 CLIQ. They provide visibility of your security status with an audit trail feature. CIPE Manager enables access management for all persons, contractors and subcontractors, and makes sure all access rights are controlled from one system. It puts your entire operational site into a simple and visual browser interface, enabling detailed access management of every key and cylinder.

## How it works














# Case example: Water treatment site security

## Access Groups

- All Waterworks Personnel
- Maintenance (Technical & Cleaning)
- Operational Personnel (Waterworks)
- Data System Maintenance
- Electrician
- Chemical Deliverer
- Outdoor Maintenance

## ABLOY products

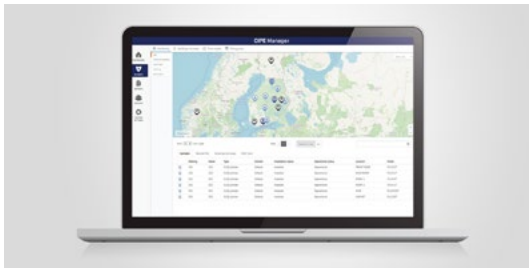
- |  |  |
|--|--|
|  Padlock<br>CLIQ/BEAT     |  Padlock<br>mechanical          |
|  Cabinet Lock<br>CLIQ     |  Cabinet Lock<br>mechanical     |
|  Cylinder<br>CLIQ         |  Cylinder<br>mechanical         |
|  Cam Lock<br>CLIQ         |  Cam Lock<br>mechanical         |
|  Key Deposit Lock<br>CLIQ |  Key Deposit Lock<br>mechanical |
|  Custom made<br>product   |  |





# ABLOY Water Solutions Portfolio

Our high security solutions and products are modified to meet the industry's safety and security requirements.



## CIPE MANAGER

With CIPE Manager, you can manage your digital, electronic and mechanical solutions, plus user rights on the go with a highly visual and user-friendly interface. PROTEC2 CLIQ and other digital portfolio solutions are all managed with CIPE Manager.



## ABLOY® BEAT

ABLOY BEAT is a new keyless locking solution that is operated with a digital key and secured with the Seos® credential technology, specifically made for critical infrastructure protection. It's managed with CIPE Manager or can be integrated into third-party systems, so you are always in sync with your security situation within all critical infrastructure, industry and businesses.



## PROTEC2 CLIQ™

PROTEC2 CLIQ is Abloy's comprehensive and flexible key and access management system. It's a wireless solution with easy installation, electronic keys, and an audit trail feature. The PROTEC2 CLIQ key can open both mechanical and electromechanical locks, so there's no need to make your entire system digital.



## MECHANICAL SOLUTIONS

High security cabinet, cylinder, microswitch locks, and padlocks that are designed to comply with the special security requirements of water industry.



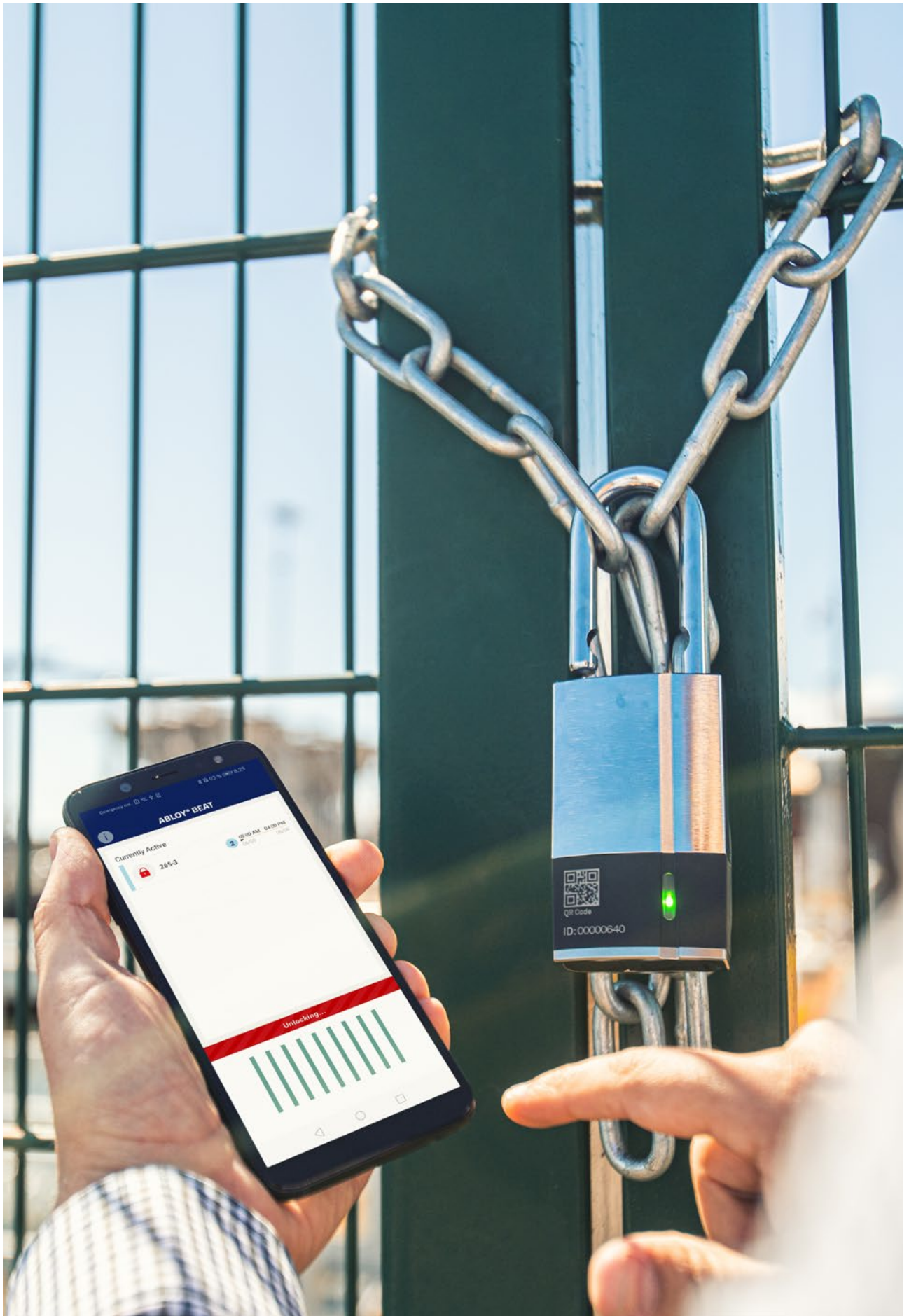
## SUPER WEATHER PROOF PADLOCKS

The Super Weather Proof (SWP) Padlock range can withstand harsh conditions from storm-driven salt water or fine desert dust. There are also available IP68 and ATEX approved electromechanical versions that can be linked to our CLIQ system.



## CUSTOM SOLUTIONS

For decades, Abloy Oy has been developing customised applications for Original Equipment Manufacturers (OEM) and Professional End Users (PEU). Whether it's a new configuration of existing components or a completely new structure for an existing system, our goal is always a cost-effective, holistic solution with a competitive advantage.





# SECURED BY ABLOY

ABLOY offers security and locking innovations dedicated to creating more trust in the world. Combining digital and mechanical expertise, Abloy Oy develops industry-leading security solutions that protect people, property and business. Abloy is part of the ASSA ABLOY Group, the global leader in access solutions. Every day, we help billions of people experience a more open world.

Abloy UK  
Portobello Works  
School Street  
WV13 3PW  
England  
Tel. 01902 364500  
[www.abloy.co.uk](http://www.abloy.co.uk)

Abloy maintains Product Security Center at [www.abloy.com/securitycenter](http://www.abloy.com/securitycenter). We recommend that You check the Center on a regular basis in order to be fully informed of product security updates, so that your knowledge of our products remains optimal.

It is the customer's responsibility to define the required level of security, whilst taking into consideration relevant factors for its operations. To achieve the overall level of security required in the customer's operations multiple layers of security must be in place. These include for example locking system, key management system, access management, CCTV and alarm system as well as physical security in a manner and level specified by the customer.

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