



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.

At Abloy, we 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 ensure daily operational efficiency and continuous service. With remote access control, simplified key management and precise audit trails you save time and reduce expenses without compromising the highest levels of security and control.

## ABLOY Digital portfolio

### Your bridge to the future

From the inside out, each employee, contractor, access point, restricted area and site can be secured and monitored remotely — whatever the conditions. Assisting in meeting the demand and regulations for secure and efficient water industry operations from

source to tap is what we know and do best. ABLOY's portfolio 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.



## 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 extremely durable and designed to perform under harsh conditions.



# Operational flow with digital transformation

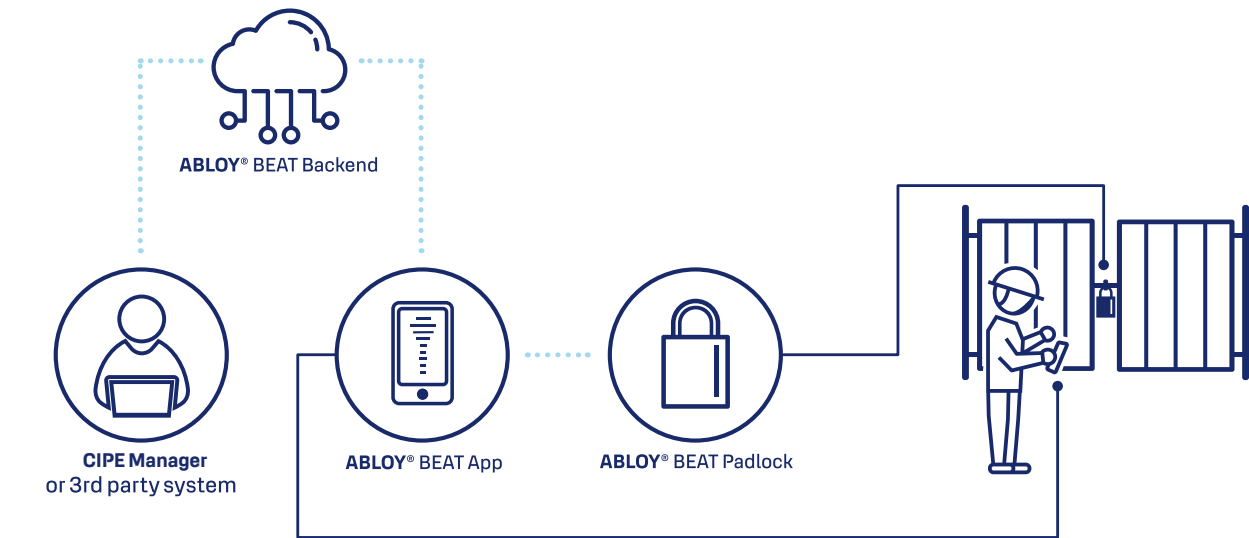
With multiple locking points, diverse locations and numerous access groups, it is challenging to maintain controlled access for operational efficiency without the risk of keys being lost and the system becoming compromised. The ABLOY digital portfolio streamlines key control and management by reducing the need for duplicate keys, providing transparent access rights and audit trails with a keyless or one key principle. With ABLOY BEAT and PROTEC2 CLIQ, you can provide individual access rights and have an audit trail of all actions made in the area. Daily operational efficiency can be increased even further by integrating these solutions into your workflow or third party systems.



## Complete visibility to manage your security

Abloy simplifies access control with remote management systems incorporating CIPE Manager, ABLOY BEAT and PROTEC2 CLIQ. They provide visibility of your security status and a comprehensive audit trail. CIPE Manager enables access management for all persons, contractors and subcontractors, and makes sure all critical areas are reliably secured. 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	ABLOY products	
<ul style="list-style-type: none"> <li>All Waterworks Personnel</li> <li>Maintenance (Technical &amp; Cleaning)</li> <li>Operational Personnel (Waterworks)</li> <li>Data System Maintenance</li> <li>Electrician</li> <li>Chemical Deliverer</li> <li>Outdoor Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>Padlock CLIQ/BEAT</li> <li>Cabinet Lock CLIQ</li> <li>Cylinder CLIQ</li> <li>Cam Lock CLIQ</li> <li>Key Deposit Lock CLIQ</li> <li>Custom made product</li> </ul>	<ul style="list-style-type: none"> <li>Padlock mechanical</li> <li>Cabinet Lock mechanical</li> <li>Cylinder mechanical</li> <li>Cam Lock mechanical</li> <li>Key Deposit Lock mechanical</li> </ul>





# South Staffs Water

South Staffs Water supplies drinking water to approximately 1.3 million people and 35,000 businesses in the English Midlands.

**The challenge:**  
To secure and control access at 91 widely dispersed operational sites.

**The solution:**  
The PROTEC2 CLIQ simplified access management, streamlining employee and contractor workflows and improving efficiency and security across the business.

“We chose the PROTEC2 CLIQ system because of the versatility and flexibility it offers. Our employees can use just one key for every site they need access to”

**Kate Wilkes**  
Resilience and Security manager  
South Staffs Water



# O des Aravis

O des Aravis is responsible for the capture, storage, quality analysis and delivery of around 700,000 m3 of water annually to homes and businesses in the Aravis Mountains in France.

**The challenge:**  
To harmonize access control and to protect high-security openings, including a room with high-tension electrical cabling and equipment.

**The solution:**  
PROTEC2 CLIQ enables controlling, modifying and tracing every important access and brings full awareness of activity affecting all critical doors.

“The programming software platform is very simple to use. We can easily grant or forbid access rights to any user. There is very good communication about software updates. It is highly valuable.”

**Laurent Schutz**  
Water & Sanitation Process Manager  
O des Aravis

# ABLOY Water Solutions Portfolio

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



## CIPE MANAGER

CIPE Manager gives you total awareness of your security situation. 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 digital locking solution that includes a Super Weather Proof Bluetooth padlock that is operated with a digital, mobile key and secured with the best-in-class Seos® credential technology. It’s managed with CIPE Manager or can be integrated into third-party systems, so you are always in sync with your security situation.



## 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. It provides instant and precise situational awareness of movements. It’s also scalable for future needs and can be integrated with other systems.



## MECHANICAL SOLUTIONS

Best-in-class 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 meets IP68 specifications and can withstand the harshest conditions from storm-driven salt water or fine desert dust. They also come with electromechanical versions able to 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 Security  
6005 Commerce Drive #330  
Irving, TX 75063  
Tel. 972.753.1127  
800.367.4598  
info@abloyusa.com  
WWW.ABLOYUSA.COM

This content is protected by Intellectual Property Rights Laws. The title to the content shall not pass to you, and instead shall remain with Abloy Oy or a third party holding the title. Abloy develops continuously the products and solutions offered. Therefore, the information contained in the document is subject to change without notice. ABLOY PROVIDES THIS CONTENT ON AN "AS IS" BASIS WITHOUT ANY WARRANTIES OF ANY KIND EXPRESS, IMPLIED, OR STATUTORY."

