



# CLIQ® access control solution keeps clean English water flowing

**ASSA ABLOY**  
Opening Solutions

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and more open world



Administration Software



Keys



Cylinders



Padlocks

## CLIQ adds electronic security on top of patented mechanical security

*“We chose the CLIQ system because of the versatility and flexibility it offers.”*

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



### Project

**Company:** South Staffs Water  
([www.south-staffs-water.co.uk](http://www.south-staffs-water.co.uk))

**Type:** Utilities

**Location:** Midlands, England

**Devices installed:** approx. 1,000 Protec<sup>2</sup> CLIQ<sup>®</sup> programmable cylinders & padlocks, 200 CLIQ<sup>®</sup> user keys, plus 10 wall & 4 desktop CLIQ<sup>®</sup> programming devices

**Year of installation:** 2016

**ASSA ABLOY brand:** ABLOY

### Challenge

South Staffs Water (SSW) supplies drinking water to 1.3m people and 35,000 businesses, covering an area of around 1,500 km<sup>2</sup> in the English Midlands. The company sought an access control system suited to protecting its dispersed operating sites, including treatment works, reservoirs, pumping stations and water towers.

Requirements for a new installation included:

- A high-security system adapted to protecting critical infrastructure against the risk of intrusion
- Dependable mechanical security with protection against unauthorized duplication of site keys
- A solution to the problem of key loss
- Flexibility, to allow every individual employee or contractor to have access only to the assets and areas for which they are authorized
- Expandability, so that similar security levels can be brought to additional sites or openings when needed

### Solution

Partner Lincoln Security installed the CLIQ electromechanical locking system across 91 operational SSW sites. The installation comprised of 600 CLIQ padlocks, 392 cylinders, and 200 keys – plus 4 desktop programming devices and 4 wall programming devices at SSW premises around the region for key-holder revalidation. At SSW, CLIQ builds on world class-leading mechanical locks, designed to secure the most sensitive sites. The PROTEC<sup>2</sup> system has a patented disc controller structure that requires a moving element in the CLIQ key, as well as patent protection lasting to 2031, preventing locks being compromised by unauthorized key duplication. Further enhancing this is a layer of CLIQ -powered electronic security.

For convenience, each employee carries a single, programmable CLIQ key that works only in authorized CLIQ locks. No lock can be opened without the key being authorized by the central admin software. If a key is lost, it can be de-authorized quickly. Flexible access rights allow for keys to have short validity time-periods, further reducing the risk posed by lost keys. The power comes from a standard battery in the key which means low maintenance and easy installation. *“Our employees can use just one key for every site,”* adds Kate Wilkes.