



## Custom designed flexibility



### Welsh Water

Welsh Water Llyn Brenig Reservoir is one of the Dwr Cymru Welsh Water reservoirs. It has been providing water supplies to industries and households in North East Wales and North West England since 1979.

<https://www.dwrcymru.com/>

### Background

Welsh Water's Visitor Centre and environs attracts around 190 000 annual visitors. People come for the watersports, fishing, wildlife and cycling. Its dual function, as both a critical public utility and a tourist attraction provides the ultimate security challenge. When choosing a solution to control the numerous sites throughout the area, Welsh Water had following requirements on its plan:

- Welsh Water requires premium levels of security as the site has valuable plant equipment and is particularly vulnerable to fuel theft, metal theft and poaching
- Weatherproof equipment is essential as a number of site padlocks are on gates and barriers exposed to the harsh elements of North Wales throughout the year
- Welsh Water needs an innovative and flexible solution that takes security and tourism into account. Access is required by utility workers and contractors as well as those working in the tourist industry

## Solution

To achieve the requirements, Welsh Water turned to Abloy's PROTEC2 CLIQ solution. In 2012 the site at Llyn Brenig adopted high-security padlocks, cylinders and keys from the CLIQ range.

The new electromechanical keys are part of an ABLOY PROTEC master-key system custom-designed for the needs of Welsh Water: the company is now able to efficiently generate an audit trail from any key, padlock or cylinder across the facility with ease. Access rights at Llyn Brenig can be tailored to every user's precise needs, and can be amended on demand.

The company is now able to efficiently generate an audit trail from any key, padlock or cylinder across the facility with ease. Access rights at Llyn Brenig can be tailored to every user's precise needs, and can be amended on demand. Usage of the CLIQ solutions also guarantees long-term cost savings for the utility, because locks no longer need to be changed when keys are lost; missing keys are simply deleted from the system. Llyn Brenig's locking system is also fully flexible. For example, the same system could easily accommodate a planned expansion of site facilities – scheduled to include a café and improvements to boardwalk areas if needed.



**"The greater functionality of the access control is very important, allowing us to change key access rights, download audit trails and remove missing keys as required. It gives us that extra flexibility and greater confidence"**

**Nick Kite**  
Welsh Water's site manager

## ABLOY solution

- PROTEC2 CLIQ
- SUPER WEATHER PROOF PADLOCKS (SWP)

## Benefits

- Efficiently generate an audit trail
- Access rights can be tailored to every user's precise needs
- Long-term cost savings is guaranteed
- Fully flexible locking system

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