

Supply security requires adaptive access management

Effortless ability to grant entry remotely is a must at the wind farm



Helen Ltd, is one of the largest energy companies in Finland. The company produces and sells electricity, district heating and district cooling. Helen's energy production is awarded as the most efficient in the world. The company aims to achieve 100% carbon neutrality in its energy production. It has over 550,000 customers throughout Finland.

www.helen.fi

Background

Lakiakangas 3 is a recently built wind farm, located in the forests of Isojoki and Kristiinankaupunki, in Western Finland. The wind farm includes 20 wind turbines, producing renewable, clean energy. It is owned by the energy company Helen, together with the wind power company CPC Finland. For the security of the wind farm, it is essential that the unmanned wind turbines as well as the power station, located in the middle of a forest, are properly secured from outsiders.

When a mechanic arrives to the wind farm, Helen's administrators must be able to grant access rights remotely, so the mechanics can perform the necessary upkeep on the spot. Helen's maintenance providers change constantly, and they come from different parts of Europe. Helen must be adaptive so administrators can grant access rights to new personnel with ease. Furthermore, administrators need to be able to deactivate those access rights if needed.

An energy company like Helen has many different assets, for example electrical rooms, where access must be restricted. Key management plays a major role in the security of supply. The wind farm Lakiakangas 3 also has critical and closed security of supply spaces that only certain people have access to.

Solution

The co-operation between Helen Ltd and Abloy Oy goes way back. Helen has a wide range of different ABLOY solutions in use.

At the wind farm, Helen chose to utilize the PROTEC² CLIQ access management solution by Abloy. CLIQ Connect was found convenient since it allows staff and contractors to activate a key's access rights via a mobile phone. Helen can have multiple keys in circulation but the administrators can assign correct access rights at certain moments to specific people to the exact CLIQ key and lock needed.

The locking points have been secured with multiple different padlocks and mounted locks. The overall security solution at the wind farm is complemented with exclusively ABLOY Keyless Access padlocks. With them, Helen can provide even more flexible access for employees and contractors without physical keys.

Now the various maintenance personnel do not need to pick up keys from a faraway location, but they can travel straight to the site without any extra detours. Helen grants access rights directly to their mobile phone that they can then use to open the lock. This makes the operation easier and faster.



"Abloy has been able to offer solutions for even the quite unusual locking needs we have had at our different power sites. They have always provided the needed products."

Jari Kottonen
Power Asset Manager at Helen

ABLOY solutions

- ABLOY Keyless Access
- PROTEC² CLIQ
- CLIQ Connect

Benefits

- Convenient, as end-users can receive access rights remotely via a mobile device
- Ability to assign correct access rights at a certain moment to a specific person to the exact key and lock needed
- More flexible, as access rights can be granted and deactivated without physical keys
- Centralized and reliable key and access management, required for security of energy supply

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