



KAHRAMAA

KAHRAMAA is the general electricity and water corporation for the 2.8 million people of Qatar. KAHRAMAA has been expanding the electricity network to meet the growing demand for high-quality, sustainable electricity. Extensive operations can be a challenge for locking and access control.

future-proof locking and access management for electricity and water.

Background

KAHRAMAA had different master key systems for each power station. A large number of keys and difficult to manage. The wrong personnel kept entering the wrong areas. KAHRAMAA wanted to use the existing card system.

How could we improve access management in a way that would improve security, operational efficiency and convenience – and stand the test of time?

Solution

Our energy sector specialists collaborated closely with KAHRAMAA's local teams from the beginning. They visited sites and studied users, their roles and facilities. Our first task was to optimize the master key system. The close collaboration made it possible to design the right master key system for KAHRAMAA, the mechanical ABLOY PROTEC² key system. Master keying is the foundation of secure and successful key control. The better the design, the easier the use and control of keys, future extensions and minimizing security risks.

ABLOY solution

- ABLOY PROTEC²

Benefits

- Well designed, patented and reliable master key system
- One key opens all the doors needed
- Improved efficiency and security
- No need for duplicate keys
- Reduced risk of copying the keys and theft
- Easy to expand from mechanical to electromechanical system with access control and audit trail

ALCEA is now working on fine-grained control with rich routing rules, retries and fault injection to secure the mechanical keys of the electricity primary and distribution substations.

The ALKEY key management system by ALCEA lets you centralize the management of an unlimited number of key cabinets. Every resource is associated with an RFID keychain. All in a secure cabinet.



” In terms of security and future-proofing, we are very satisfied with the solutions and would not hesitate to advise anyone who is thinking of obtaining new and better locks system locks to contract ALCEA. The collaboration has been fruitful and cooperative.”

Jaber Khamis Al Kubaisi
Chief of the Security and Safety
Section of KAHRAMAA