

ABLOY PROTEC2 CLIQ was the perfect fit for Endeavour Energy, giving them control over who has access to their facilities, remotely.

Endeavour Energy



The Client:

Endeavour Energy is a NSW Government state-owned energy corporation, responsible for the safe and reliable supply of electricity to 2.2 million people in households and businesses across Sydney's Greater West, Blue Mountains, Southern Highlands and the Illawarra. With an estimated value of \$3.3 billion, this network spans 24,500 square kilometres and is made up of over 170 major substations, 315,000 power poles and 28,000 smaller substations bound together by 33,000 kilometres of underground and overground cables.

Independent Locksmiths & Security won the tender to work with Endeavour Energy on the Supply and Maintenance of a Proprietary Built Masterkey System.

The Requirements:

- A high security locking system was needed to prevent the ongoing security threats and protect onsite workers.
- A controlling system was also needed for the issuing of keys to all key holders.
- A system that was capable of securing assets and providing an audit trail of key/lock use. These assets included Electrical substations, Field Support centres, Communication sites and Distribution Networks.

ABLOY® PROTEC²



www.independentlocksmiths.com.au

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Independent Locksmiths & Security Secures Endeavour Energy

Our Solution:

To provide Endeavour Energy with the Abloy Protec Cliq System, combining Restricted Master Keying with Access Control and Key management. ABLOY® PROTEC2 CLIQ has the key control of a high security mechanical keying system as well as an audit trail functionality of an Access Control system.

Independent Locksmiths & Security worked closely with stake holders from Operations and IT to design and implement the masterkeying system and network software. Work involved creating an intricate locking system with permission based access control and a state-of-the-art Mechanical locking system. This included a mechanical and electromechanical key hierarchy.

As Endeavour Energy depend upon the ability to deliver their service 24/7, any break or interruption to this service caused by vandalism or physical attack would prove costly. Maintenance of an Electrical substation is undertaken by Endeavour Energy staff as well as various contractors. With ABLOY® PROTEC2 CLIQ, access is now granted remotely and in real time for unplanned visits, and reports can be generated to identify who has been onsite. In addition, any lost keys can be rendered obsolete for use by the network controller, enabling total control of every key distributed to personnel.

At Independent Locksmiths & Security the team of Master Keying experts continued to work on the design, coding and support of this system over a 4 year contracted period. The Abloy Protec2 Cliq delivers a high security locking system to the Substations. Independent has been able to provide Endeavour with a masterkey solution that is capable of future expansion in regard to the quantity of keys/locks and the number of access groups available.

CLIQ™

ABLOY® PROTEC²

The multi-award winning ABLOY® PROTEC2 CLIQ and CLIQ WEB MANAGER with CLIQ REMOTE is a combination of the proven, SSEC endorsed ABLOY® PROTEC2 mechanical keying system and the CLIQ electronics developed by ASSA ABLOY.

ABLOY® PROTEC2 CLIQ offers the ultimate synergy between the tried-and-true reliability of the superior mechanical ABLOY® PROTEC2 and the programming ease and flexibility inherent in electronic locks and keys. ABLOY® PROTEC2 CLIQ is a true one key solution where CLIQ keys are able to operate both the electromechanical and mechanical cylinders.

ABLOY® PROTEC2 CLIQ is a very cost effective solution. CLIQ cylinders are installed in areas which require electronic features such as audit trails, time limited access and easy blocking of lost keys. Those areas could for instance be the perimeters, storerooms or server rooms. Mechanical ABLOY® PROTEC2 cylinders are then installed in the other areas.

Key Features

- Electronic access control without wiring
- Cost effective one key solution
- Audit trails stored in both keys and cylinders
- Flexible access permissions
- IP57 Rated CLIQ Keys
- IP68 Rated Padlocks
- Access permissions can be updated remotely
- Cloud (web) based software
- Easily replaced standard battery
- Dual security; mechanical and electronic
- Central management philosophy

