

CASE STUDIES | G20 SUMMIT

DEPARTMENT OF TRANSPORT & MAIN ROADS

(Queensland Government)

EKA | **CyberLock**

Read Our Success Stories

Our success comes through understanding each customer like they are our only customer.



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Our success comes through understanding each customer like they are our only customer.

EKA CyberLock prides itself on fulfilling the security, productivity, and auditing needs of our customers. We have worked hard to ensure every customer's requirements are exceeded. In many cases once our professional team engages with customers on their requirements we tend to unearth vulnerabilities in their current access control environment.

We work tirelessly to produce a measured actionable plan that addresses the heart of our customers individual concerns. We would love for you to review our success stories over the years and contact us to see how the EKA CyberLock next gen solution would suit your business.

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ARGENTINA
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 CANADA
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 GERMANY
 INDIA
 INDONESIA
 ITALY
 JAPAN
 MEXICO

The preferred access control for any industry or sector



Telcos and data centres.
 EKA CyberLock can be used to secure access to communication pits, racks and cages.

Utilities.
 Large utilities like water boards can secure facilities like power plants, sub-stations, equipment and storage.

Government.
 Assets ranging from offices and halls, to depots, parking meters, barriers and park toilets can all be easily secured with EKA CyberLock.

Transport and logistics.

Containers, yards, warehouses, depots and even gates can be secured using EKA CyberLock.

Airports.
 EKA CyberLock will secure access to hangers, gates, utility and server rooms and restricted access areas.

Remote Sites.
 Covering thousands of locks across vast geographical distances such as traffic light systems, communication towers, power systems and more.

Mining and construction.
 Stop wondering who has access to plant equipment, vehicles and explosives. EKA CyberLock secures and tracks it all for you.

Education and office.
 EKA CyberLock can be used to secure access to utility doors with padlocks, cash tins, access panels, air conditioning, display units, light boxes and even roller doors.

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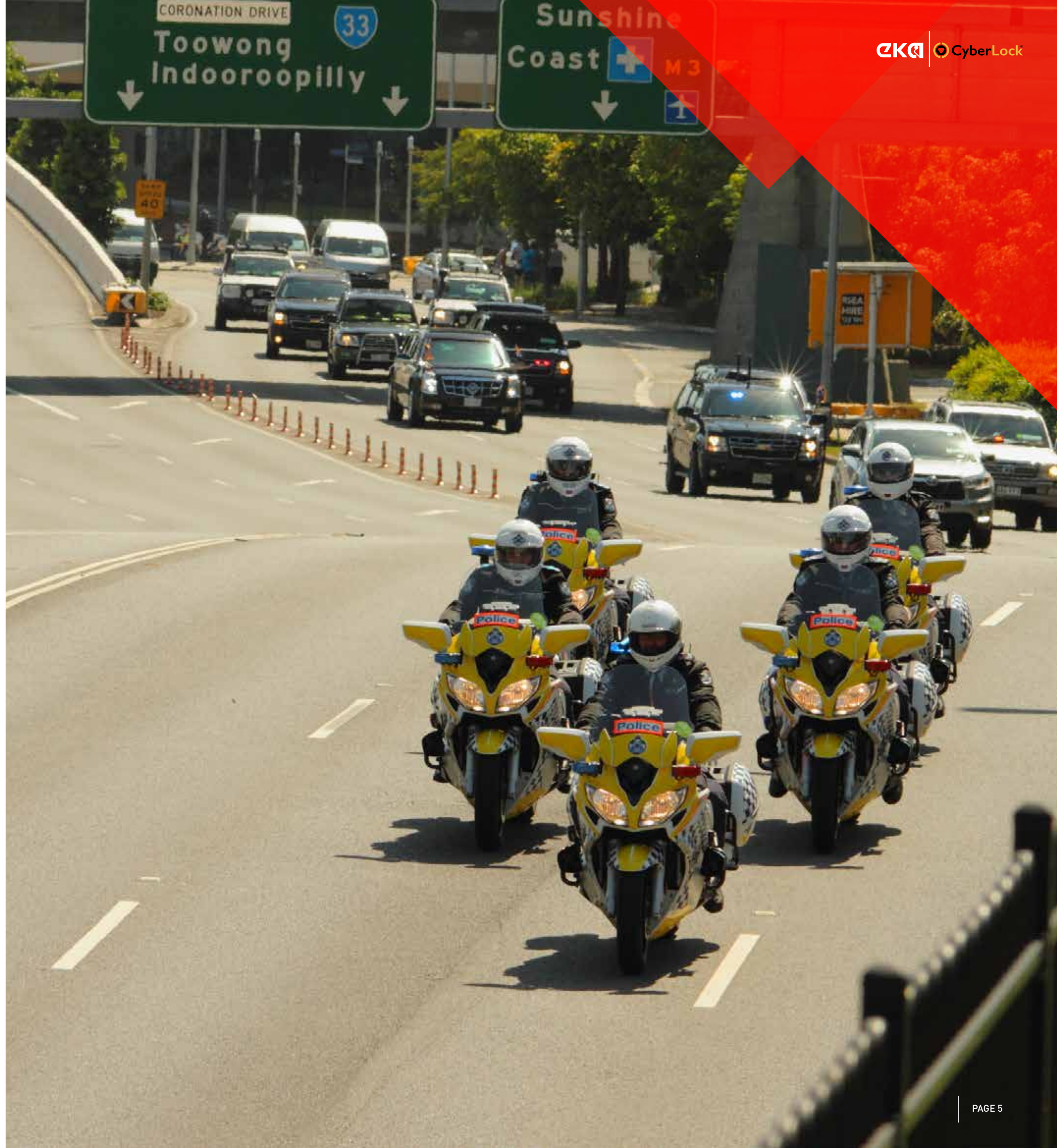
The Challenge

The G20 summit is a big deal for any city to host. The 2014 summit in Brisbane was no different with 22 world leaders and more than 4,000 delegates attending. Brisbane left no stone unturned to guard against all forms of disruption and ensure everyone was safe.

One particular area of concern in the transport infrastructure space was roadside traffic signal controllers which could potentially have been used to conceal a form of attack on a motorcade.

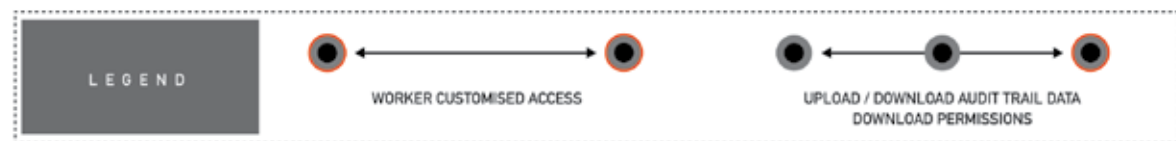
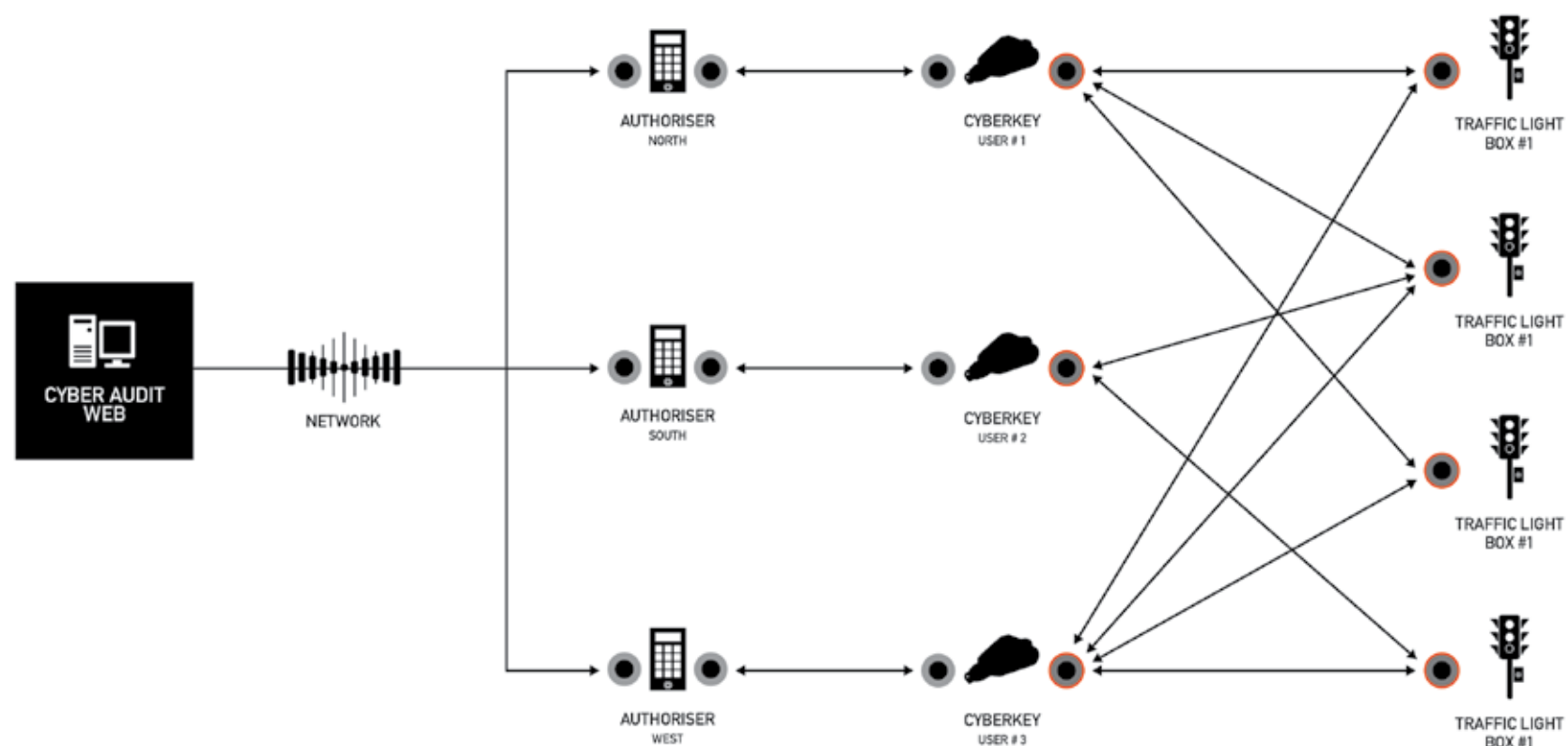
Prior to G20, the controllers were secured by a carriage style lock that is opened using a square drive key or cam lock, like those used on most letterboxes. These locks could be opened by a screwdriver or filing cabinet master key so offered very little security.

This created an urgent requirement to secure the controller cabinets located along the VIP routes in the vicinity of the G20 summit venue in South Brisbane and the VIP's accommodation. The Department of Transport and Main Roads had to find a solution to provide comprehensive auditable control and be completely undertaken within eight weeks, including identifying the solution, sourcing the equipment, installation and testing.



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THE SOLUTION



Establishing a new master key system was considered as a possible solution. However, it was determined that this would not provide comprehensive control as the reproduction of keys is not all that difficult these days given the availability of 3D printers that can replicate some mechanical master keys.

After extensive research and consultation with other state road authorities across Australia to identify the locking systems they were using and feedback they had to share, it was decided the solution should be managed in a similar way to conventional access control. The system needed to be auditable at all levels, lost keys must be easily deactivated, and the system must be able to be easily installed into the existing controller cabinets. EKA CyberLock system offered a superior range of benefits including;

- + There was a raft of reference sites demonstrating how the system was already proven.
- + The CyberLock cylinders could be simply and quickly installed with the cylinders retrofitted with the pre-existing locks.
- + The entire system is managed almost exactly in the same way as conventional access control utilising CyberLock communicators and the current network to communicate with the CyberKeys.
- + The entire system, setup, installation and commissioning could be achieved in the allocated timeframe.
- + Access privileges could be customised to each users' requirements.
- + The system delivered comprehensive audit trails of every process.

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THE RESULTS

The 2014 Brisbane G20 summit was a huge success and the EKA CyberLock solution for ensuring the safety of Brisbane's traffic signal controllers definitely contributed to this success. The system offered significantly improved safety and security of the traffic signal controllers and vastly improved the control of access to the cabinets. It also provided a whole new level of reporting with the comprehensive auditing capabilities.

The Department of Transport and Main Roads decided to roll out the system across its wider network. They have separated traffic signal controller cabinets into two sections, low voltage and extra low voltage, therefore granting access based on the access rights of the user.

The EKA CyberLock system has delivered the ability to add and delete users and their key via a centralised software management system which guarantees key control and has enabled the Department of Transport and Main Roads to tightly control access to their roadside cabinets delivering a level of security.





CONTACT US

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