

Snap Shot

INDUSTRY

Engineering and Construction

CHALLENGE

Fredon required a solution that could offer the best possible cyber security and information management solution available urgently. Given the nature of the business with high amounts of intellectual property, ransomware, data breaches and loss of information is an unacceptable outcome.

SOLUTION

- Sententia Design, Implementation and Managed Security Services
- Check Point 5600 Gateway Appliances
- Check Point Next Generation Threat Extraction Solution
- Check Point Smart Event and Smart Viewer SIEM platform

CUSTOMER BENEFITS

- Market leading cyber security solution
- Temporary solution deployed while vendor delivered final appliances
- Ransomware incidents halted
- 100% uptime since its implementation in June 2016

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Case Study

FREDON

Fredon Engineering Services

Sententia helps to protect Fredon from cyber security incidents and data breaches.



The Challenge

Established in 1968, Fredon is a privately-owned electrical construction company that has become one of Australia's leading providers of electrical and communications, heating/ventilation/air-conditioning (HVAC), security and technology services. Fredon projects include Barangaroo, the Offices of the NSW Premier and Cabinet, Logan Hospital, Wollongong University and the Gold Coast University Hospital to name a few.

Many of these projects require the deployment of innovative solutions designed and engineered by Fredon that result in considerable generation of intellectual property. Fredon has identified that it is essential and within its business interest to ensure that this intellectual property is protected from cyber criminals and potential loss through data breaches.

The Considerations

Prior to the Fredon / Sententia engagement, a number of ransomware incidents had taken place within Fredon placing pressure on the IT department, forcing the business to take action. Sententia were contacted to assist. Fredon's requirements dictated an understanding of the current cyber threat landscape, emerging threats and intimate knowledge of both the regulatory and legal landscape that Fredon operates within. Sententia's whole-of-business approach in this area appealed to Fredon.

In consultation with Check Point, an industry-leading vendor of cyber security network and endpoint solutions, a solution was designed collaboratively that met the current and future needs of Fredon. A critical consideration was future expandability in order to allow Fredon to deploy a backup appliance, a data loss prevention solution, and manage remote sites from a centralised location at a later date.

The Sententia design and engineering team looked at the requirement from the most challenging angle - how could Fredon's information be best protected both now and into the future whilst providing the appropriate future proofing?

"Sententia has performed very well with the short time frame constraints Fredon placed on them. They worked quickly with us to get us up and running and also accomodated us with temporary solutions to get us protected as soon as possible."

Ruly Sutedja
National Information
Systems Manager,
Fredon

ABOUT SENTENTIA

Sententia is a leading Australian cyber security services provider with a team of highly skilled and talented experts able to solve all your cyber security challenges.

Sententia provides secure solutions for a vast suite of industries including finance and banking, government and defence, telecommunications, media and corporate.

Sententia's resourceful and inventive IT professionals think outside the box. We create, implement and support high performance and highly-available infrastructure to make life easier for our clients.

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Case Study

FREDON

Fredon Engineering Services

The Solution

Prior to Sententia being involved, Fredon had commissioned a Check Point Security Checkup Report that illustrated a number of cyber security related recommendations. A number of these recommendations were deemed by Fredon to be significant enough to warrant immediate rectification.

The Sententia engineering team believed that Fredon required a best-practice cyber security solution and opted to recommend Check Point's industry leading Threat Extraction solution. Fredon also required proactive event alerts and monitoring, choosing to deploy Check Point's Smart Event and Smart Reporter SIEM (Security Information and Event Management) solution to cater for this.

As part of the project scope, Fredon required a Level 3 and 4 managed security service with escalation path for any cyber security alerts that were beyond Fredon's technical capability, and contracted Sententia to provide this service.

The gateway appliance, the Check Point 5600, was sized to account for current needs as well as future traffic growth, with the recommendation that a secondary redundant appliance be deployed. As Fredon have a number of legacy firewall appliances across its national branches, Sententia further recommended that the core gateway solution include the future capability to manage approximately 10 branch office gateways. The Fredon business has also identified a future requirement for Data Loss Prevention (DLP) to be implemented at a later stage, and the deployed solution allows for these future requirements.

Prior to acceptance of Sententia's proposal, Fredon were advised that there would be a lead time of 4-6 weeks from Check Point for delivery of the physical appliance. In order to protect Fredon from immediate cyber threats and breaches in the interim, Sententia provided a temporary Check Point appliance, at no cost to Fredon.

Technical Overview

- The Check Point 5600 Gateway appliances are deployed in Fredon's Silverwater, NSW datacentre.
- The Gateway utilises Check Point's most powerful threat prevention package solution, the Next Generation Threat Extraction solution.
- The solution includes Check Point's Smart Event and Smart Reporter SIEM solution to allow Fredon immediate security event alerts and remediation as required.
- The solution allows for significant future expandability in order to offer solutions such as Data Loss Prevention, redundant gateway as well as remote gateway management when Fredon chooses to deploy these.
- Sententia customised and deployed the solution and managed security service to Fredon as Fredon required.
- Sententia provides Level 3 and 4 technical engineering and managed security services to ensure that Fredon are comprehensively protected from cyber breaches and can draw on Sententia's expertise when required.