

CASE STUDY

Mornington Island Upgrades Dispatch to RediTALK-Flex

Maritime, Shire, and Community Communications

Overview

Overview

A Reliable Communications System for Mornington Island's Shire

Mornington Island, also known as Kunhanhaa, is an island in the Gulf of Carpentaria in the Shire of Mornington, Queensland, Australia. It is the northernmost and largest of 22 islands that form the Wellesley Islands group. The island serves a small population of over 1,100 people.

The island's main communication was the use of mobile phones and council staff often would see a disruption to the mobile phone service.

They selected Omnitronics partner Simoco to

“

A great example proving the benefits of using distributed architecture. Providing cost effectiveness, efficiency, reliability, and wide area coverage.

PETER SCARLATA | Simoco CEO

implement the project in 2020. Simoco chose Omnitronics DRG200i Gateways and RediTALK -Flex Dispatch to complement DMR Tier III trunking system comprising a new CB repeater and a marine base station repeater, fixed desk mobile radios and 20 SDP660 portable radios.

Customer Profile
Mornington Island Shire Council, Australia

Application
RediTALK-Flex Radio Dispatch

Business Benefits
Minimal Operator Retraining
Easy to Use
Flexibility to Adapt to Future Needs

Products Used
2x RediTALK-Flex
DRG100 RoIP Gateways



 **omnitronics**

 www.omnitronicsworld.com
 sales@omnitronicsworld.com

Interoperability

Connect technologies, protocols and vendors.

Easy to Use

Clean and customizable User Interface

Flexibility

Use the power of IP to connect & unify anywhere

Duress & Emergency

See who calls where and when



Geofencing

Easily set up zones & alerts to monitor movements

Radio Linking/Patching

Connect groups of radios in real time

Telephony

Receive and make calls and patch to radios

Location Services

Advanced people and asset tracking

Business Needs

Requirements

To meet Mornington Shire's requirements, the new system needed to improve the safety of council staff visiting local council housing, include location tracking of council staff in the field, provide the ability to raise and monitor emergency / lone worker and man-down alarms.

Future-Proof

The Solution

For council workers on the island, the new solution with 2 RediTALK-Flex Radio Dispatch consoles, provides enhanced worker safety including through the ability to use GPS data to track worker location in the field, i.e. when staff visit council housing as well as aiding in the coordination of local disaster man-

agement. The key benefit however of the digital radio solution has been the reliable communications across the island and out to sea. Council workers have peace of mind that communications will get through and as a result this has increased efficiency in operations with the availability of real time communication between different teams.

Radio coverage has been greatly improved across the island and provides workers a streamlined communication platform in the event of disasters.

Safety & Productivity

Conclusion

Simoco engineers have completed the work at the island and are providing 24x7 remote support. Teams place trust in the new communications solution and are confident that that the new equipment will work in the harsh environments they are used to in daily

Network Diagram

