WIDE AREA NETWORK ESTABLISHED ACROSS NSW BEACHES

Customer Profile

- Surf Life Saving NSW consists of over 100 Surf Clubs

Application

- Wide area Radio over IP network with multiple dispatch locations

Business Benefits

- Centralised and Local Control
- Improved Response Times
- Simple to Use
- Increased Flexibility
- Increased Safety
- Scalable for future expansion
- Cost effective

Products Used

- DX64 Digital Radio Management System
- 960SIP Consoles
- IPR100
- IPR400

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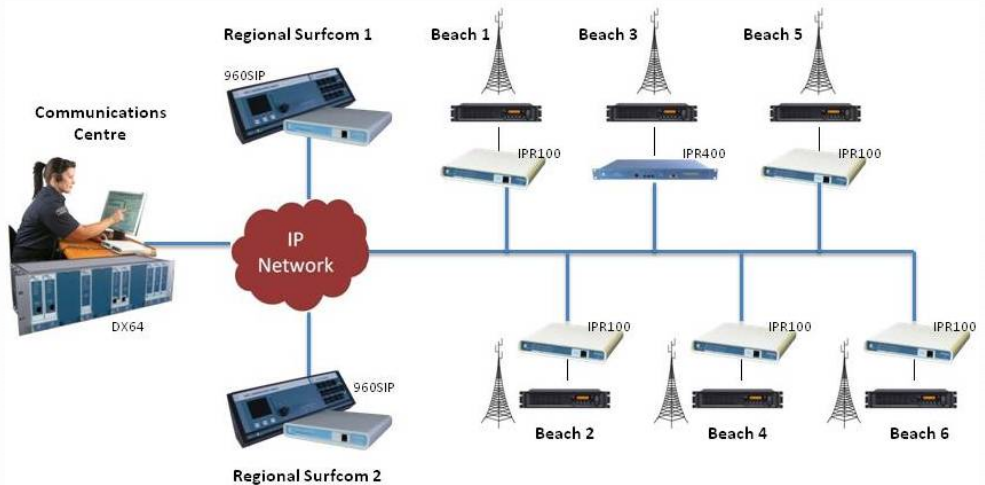Email   sales@omnitronicsworld.com
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➢ Overview

Surf Life Saving in NSW recently implemented Phase 1of a new state-wide radio network using Radio over IP.

➢ The Challenge

Surf Life Saving NSW operates across a large stretch of coastline made up of numerous popular beaches. The challenge was to implement a system that would enable communication between these beaches and back to a centralised communications centre where dispatch operators can monitor and coordinate activities. In addition, communications from regional Surfcoms was required.

➢ Solution

The DX64 Digital Radio Management System was implemented as the backbone of the network at the communications centre. Using Radio over IP (RoIP), the individual beaches were able to be connected with IPR100 and IPR400 devices. Regional Surfcoms were also added using simpler 960SIP Consoles. Dispatchers between the sites on a choice of consoles can be simultaneously connected to the same radio via an IPR which has the technology to accept and conference multiple sessions.

➢ Conclusion

Establishing a RoIP network has enabled both localised and centralised monitoring across a wide area. This has given individual life savers the backup of not only their local team members but also right across the region, increasing safety and improving response times when further backup is required. The solution is easily expandable allowing for the future.

Karera Communications took the time to understand the user's requirements and worked closely with Omnitronics to implement the solution.