SCALABLE RADIO DISPATCH SYSTEM

Customer Profile

- Coast Guard Melbourne

Application

- To provide a radio management solution that can be customised and expanded to in future

Business Benefits

- Reliable radio operations
- Customisable
- A scalable solution depending on the growth & needs of the organisation

Products Used

- DX64
- IPR100

Omnitronics Head Office
Phone +61 8 9445 2633

Omnitronics International
Phone +61 7 3369 5733

Omnitronics North America
Phone +1 904 425 0336

Email sales@omnitronics.com.au
Web   www.omnitronics.com.au

→ Customer Overview

Coast Guard Melbourne is the communications centre for the Australian Volunteer Coast Guard in Victoria. The organisation has been operating for the past 30 years providing rescue co-ordination for Coast Guard vessels, routine weather broadcasts and a safety watch for recreational and commercial vessels.

→ The Challenge

This facility, manned by volunteers 7 days/week, needed a major upgrade to the entire radio operations.

→ Solution

After researching various alternatives, Coast Guard Melbourne selected an Omnitronics DX64 system to take care of all audio management tasks.
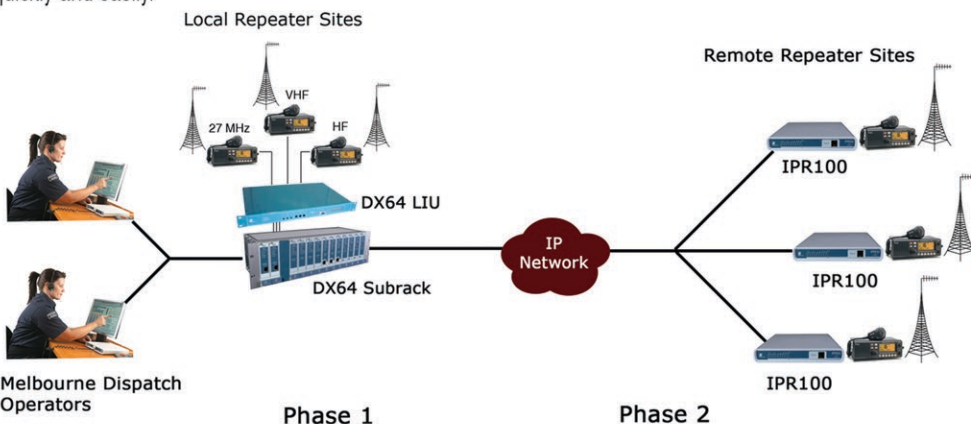
Coast Guard Victoria's communications manager, Marcus Grinblat, said that the decision to go with the DX64 system was based on the fact that the system can grow with the increasing commitment the Coast Guard has to monitoring communications along Victoria's coast.

"The decision to go with the DX64 system was based on the fact that the system could grow.."

Coast Guard, with support from Marine Safety Victoria and Telstra, commissioned a series of marine VHF repeaters along the Victorian coast which now provides complete coverage for mariners at sea. These repeaters are monitored by local Coast Guard units. Phase 2 of the project is to supplement this coverage by providing support to the local units by bringing these repeaters back to Coast Guard Melbourne using RoIP.

The DX64 system can easily expand to cater for this using IPE cards. At present 2 complete workstations are in operation monitoring 14 different channels comprising marine VHF, 27 MHz and HF, Coast Guard domestic channels and Emergency Service channels.

The Coast Guard operators love the system and have adapted to it with minimal training. The marine radio environment calls for numerous channel changing from distress and calling channels to working channels and back again. Omnitronics reacted to this need by developing a Fast Select feature to enable this to happen quickly and easily.

→ Conclusion

The ability to customise and expand the DX64 to suit growing needs are key features of the DX64 that made selecting the product an easy choice for Coast Guard Melbourne.

challenging communication boundaries