DX-Altus Dispatch Improves Operational Efficiency

Port Authority of NSW

Overview

The Port Authority of NSW has installed a DX-Altus System at its operations at Sydney Harbour and Botany Bay.

The challenge presented to Omnicore was to work with the Port Authority and develop a system that required a highly configurable, yet simple to use dispatch solution, for managing communications across the many vessels that come into Sydney Harbour and Port Botany on a daily basis. This including cruise ships, bulk goods, container shipping, tugboats and smaller vessels.

Due to the customizability of Alto, the system is able to easily and efficiently manage the heavy amount of vessel traffic.

> " Omnitronics was very accommodating in assisting with specific feature requirements. This responsiveness to meeting our needs was a key contributor to the success of the installation.
>
> Jeremy Gibson | Asset Manager, Marine, Port Authority NSW

Customer Profile
The Port Authority of NSW operations at Sydney Harbour and Port Botany.

Application
Installation of DX System including new enhanced features

Business Benefits
Increased productivity due to improved operator efficiency.
Minimal downtime through simple setup and use.
Cost effective
Removes the need to overhaul software as it expands leading to reduced long term costs.
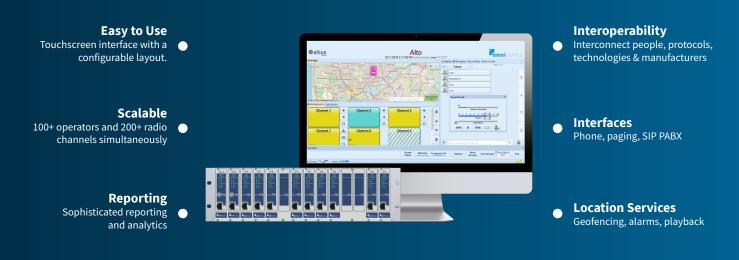
Products Used
DX-Altus Digital Radio Management System.
Alto.

omnitronics

🌐 www.omnitronicsworld.com
✉ sales@omnitronicsworld.com

Easy to Use
Touchscreen interface with a configurable layout.

Scalable
100+ operators and 200+ radio channels simultaneously

Reporting
Sophisticated reporting and analytics

Interoperability
Interconnect people, protocols, technologies & manufacturers

Interfaces
Phone, paging, SIP PABX

Location Services
Geofencing, alarms, playback

Solution

A Smooth Installation

The DX-Altus Radio Management System was installed at the central command centre and interconnected via fibre to IPR RoIP Gateways at 5 repeater sites across a wide geographical area.

Key to the success of the system was the customizability of the Alto dispatch console which enabled supervisors to set up the screen to suit their specific requirements and minimize operator error. Additionally, features like simple foreground and background control and Rapid Recall increased operator efficiency.

Conclusion

Set for the Future

Managing a large volume of vessels of differing sizes, the Port Authority of NSW required a radio dispatch & management system that could simplify this task for dispatch operators as much as possible.

The DX-Altus was able to meet this objective and provide room for adaptability and growth in the future.

Thanks to Australian Mobile Radio for installing, testing and commissioning this solution.