CASE STUDY

Upgrade to DX-Altus

Overview

Next Generation Dispatch

After years of operation, the Port of Antwerp upgraded two of their Omnitronics DX-64 Radio Management Systems to the DX-Altus Dispatch Management. As one of the busiest ports in the world, it was imperative that the upgrade be conducted in a timely and efficient manner. In addition, new features such as Night Mode and Improved Selcall Management added significant value to the system.

Radio Dispatch on a Large Scale

With over 200 million tonnes of freight transported through the port in 2015, efficient communications management is crucial to Port of Antwerp's success. Not only does the port manage sea vessel traffic, it also interconnects other forms of transport including by road, barge, rail and pipeline. As such, Port of Antwerp required a radio system that could handle a large volume of voice traffic in an efficient, reliable and easy to manage way. With the ability to manage over 160 channels across differing radio technologies, the DX-Altus has met this challenge.

Features such as Workgroups, Link Groups, Selcalls and Integrated Contacts all help operators easily monitor the large volume of traffic. In addition, the new Individual Volume Control feature enables each individual channel's volume to be controlled independently from each other. This means priority channels can be set at higher volumes to ensure they are heard first.

Overview

Customer Profile
Port of Antwerp, Belgium

Application
Efficient Upgrade of DX System including new enhanced features

Business Benefits
Central Webserver System Configuration
Costs Minimized by use of Existing Hardware
Customizable GUI
Minimal Operator Retraining
Easy to Use
Ability to Handle Multiple Radio Systems
Moveable Operator Positions
Flexibility to Adapt to Future Needs

Products Used
DX-Altus Digital Radio Management System
Alto
IPR110+

omnitronics

www.omnitronicsworld.com
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Night Mode

Night Mode

The dispatch operator console Alto has a wide variety of features to help increase the usability of the system. This includes customizability of layouts, workgroups, channel buttons and which feature modules can and can't be seen.

Adding to this list, the new Night Mode feature enables dispatch operators to easily be able to see the computer monitor without impacting on their vision of the port at night time.

Flexibility to Meet Future Needs

As a growing port, networks and systems are regularly changing at the Port of Antwerp. As such their radio dispatch system must be able to grow with them.
The DX-Altus met this need by not only providing easy expansion but with the inherent flexibility of its IP infrastructure.

Dispatch Operator locations can easily be moved or added to differing locations by simply connecting to a new Ethernet port. In addition the central webserver system configuration means the system can be remotely configured from any location.

Additional Redundancy is also able to be added easily in the future.

Conclusion

Set for the Future

The upgrade to the DX-Altus Digital Radio Management system has provided Port of Antwerp with a reliable, easy to use and flexible radio system that will be able to grow with them.

Thanks to Sonal Professionele Telecommunicatie, TSLO Telecom and Tein Technology for recommending and commissioning the system.