



## Application Note IPRdispatch & IPR400

# IP IMPROVES VESSEL TRAFFICE SERVICE (VTS) IN MIDDLE EAST

### Customer Profile

- Middle Eastern Port Authority

### Application

- Wide area radio dispatch and control over IP

### Business Benefits

- Increased Reliability
- Increased Efficiency
- Improved response to emergency situations
- Easy to Use
- Flexible
- Cost Effective
- Easily Expandable

### Products Used

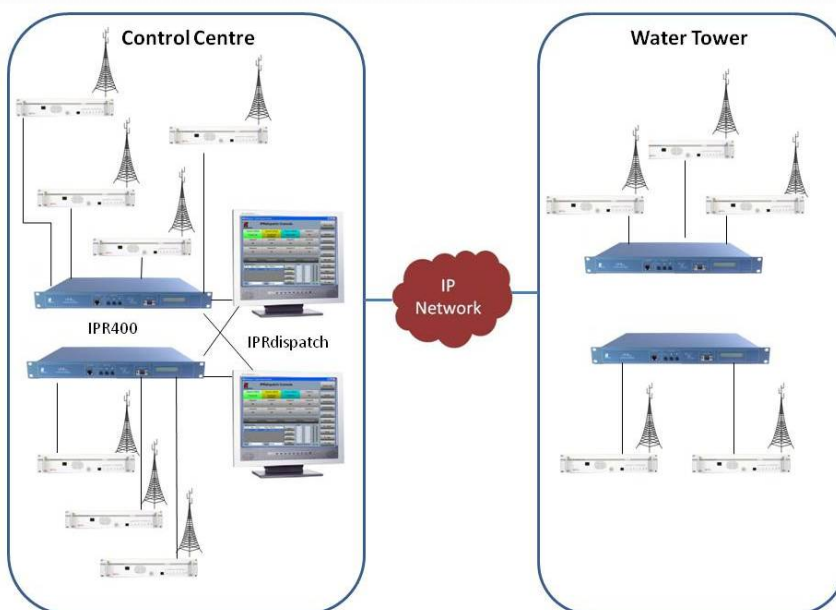
- IPR400
- IPRdispatch

### ➤ Overview

A large port in the Middle East has upgraded their radio communications network to IP to increase the reliability, efficiency and safety of their operations.

### ➤ The Challenge

Providing navigational advice to a large number of vessels can be challenging. Originally operating with separate radios for each channel, the port authority wished to combine operations at two separate locations onto one simple to use dispatch system.



### ➤ Solution

Both locations are connected via IP with one control centre. This centre operates 7 base stations at the primary location and 5 base stations at the secondary location. Using the user-friendly, Microsoft Windows based IPRdispatch software, operators are able to remotely access all 12 Spectra MX800 base stations including remote channel change. Each of the base stations are connected by IPR400 RoIP adaptors. With four ports available on each device, the IPR400 can operate on four independent channels simultaneously.

### ➤ Conclusion

By using an IP based dispatch system and network, the port has been able to improve the efficiency and reliability of their Vessel Traffic Service over a wide area. In addition, the system is easily expandable for future growth.

Thanks to our international systems integrator for taking the time to understand the customer's requirements and implementing a solution that meets those needs.

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