

Application Report 950 Radio Management with 970DD

Customer Profile

- Large Vietnam Oil & Gas company

Application

- To deploy a reliable radio management system where all channels can be monitored and controlled from several locations.

Business Benefits

- Reliable, robust operator console well suited to the platform's operating environment.
- Increased operational efficiencies.
- Achieved interoperability with seamless control and monitoring of Marine band, Air band and HF radio.

Products Used

- 950 Radio Management System
- 960CSD Console
- IPR100
- 970DD

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CHANNEL CHANGE FOR OIL & GAS PLATFORM

→ Customer Overview

An Oil and Gas platform destined for Vietnam called on Omnitronics to assist with their radio communications requirements. The platform operates Marine, Air band, radio and HF long distance channels.

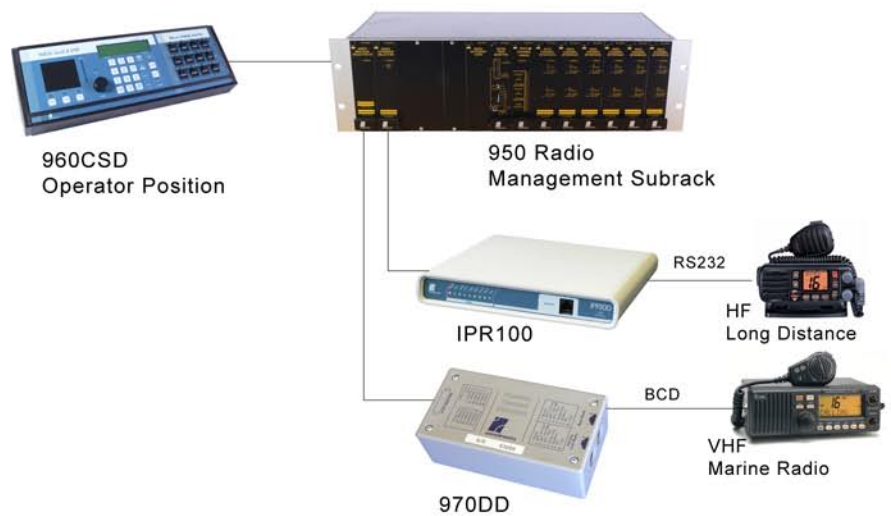
→ The Challenge

The organisation needed all channels to be monitored and controlled from several locations on the platform. In addition to this the radios mounted remotely from the operating room, needed to be channel changed.

→ Solution

Omnitronics achieved this by allowing the operator to send DTMF data to an Omnitronics 970DD channel change interface via the operating console. Up to 99 channels can be interchanged using Binary Coded Decimal (BCD) format.

As part of the variety of radios used by the client, a HF radio also needed to be channel changed. This radio did not have BCD interface lines, only a RS232 port. To channel change the HF radio, a translator unit was installed to convert the DTMF data to RS232 format.



→ Conclusion

Omnitronics was able to assist the client with a smart and straightforward turn-key solution through innovative engineering. Channel change is a typical requirement of organisations with various radios and is common across a range of industries. Omnitronics provide a range of interfaces that perform this crucial operation whilst making it simple for operators to use.

