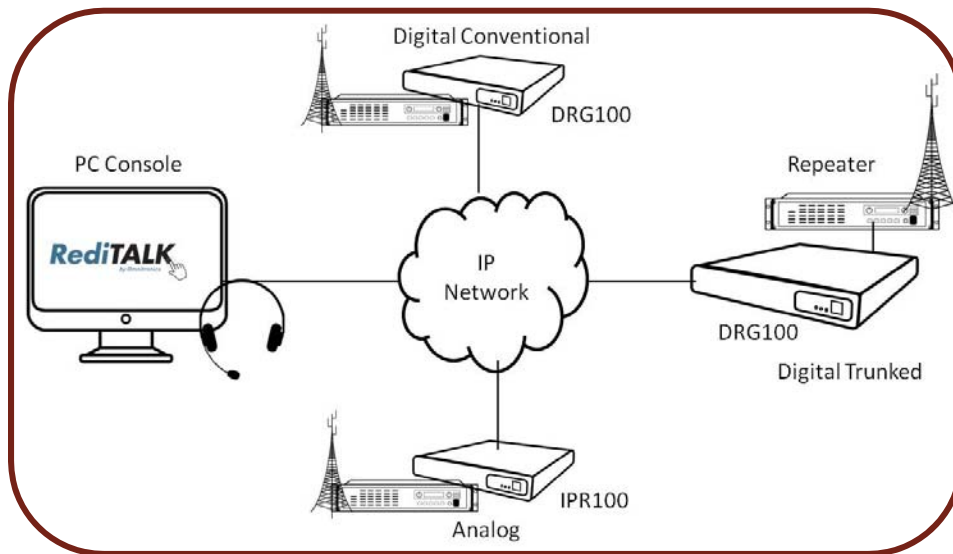


The way in which you design and structure your radio network can have a significant impact on your business today and in the future. Radio over IP is one such technology that can have a positive impact. This fact sheet highlights the top 5 ways in which Radio over IP can add value to your business.

What is Radio over IP (RoIP)?

Radio over IP (RoIP) interconnects radio systems and operators together in the most flexible and cost effective way – over IP networks. The differing sites can be nearby or on the other side of the world; and they can be interconnected through a combination of technologies. In most cases, radio systems are connected to the IP network through specialized gateways.





Fact Sheet

Top 5 Ways Radio over IP Adds Value to Your Business

VALUE #1: ROIP SAVES YOU MONEY!

As RoIP connects devices together using the existing IP infrastructure in your business, you no longer need expensive leased lines, microwave or satellite links. Furthermore, as IP is a predominant technology, many elements of a RoIP implementation are available off-the-shelf and the cost of equipment is very competitive.

VALUE #2: ROIP GIVES YOU ROOM TO MOVE

Due to the nature of IP, it is quite simple to add or alter locations. This makes it easy to add a dispatch console position in a building or to add a new repeater site to your radio network. This ensures that your area of communications can expand or change to suit changes in your operations.

REAL WORLD EXAMPLE!

Mobile Repeaters at Mine Sites that move once one area is "mined" onto another.

VALUE #3: ROIP CONNECTS SITES OVER WIDE AREAS

Radio over IP can connect locations down the road or around the world. A few examples include:

- *Connecting Repeater Sites along large stretches of Coast Line for Sea Rescue Operations*
- *Connecting Hospitals with local Emergency Services*
- *Connecting Remote Mine Sites back to Centralized Operational Centers*
- *Connecting security in a worldwide retail chain onto ONE network.*

REAL WORLD EXAMPLE!

Volunteer Sea Rescue Organization enabled their on-call operators to connect to the Radio network over IP from their homes for 24/7 coverage.



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Fact Sheet

Top 5 Ways Radio over IP Adds Value to Your Business

VALUE #4: ROIP CONNECTS DISPATCHERS ANYWHERE

Not only can Radio over IP interconnect repeater sites but it can also connect dispatch operators to those repeater sites and to the radio networks. RoIP can achieve this regardless of whether dispatch operators are located on-site, at a communications center or working from home!

VALUE #5: ROIP GIVES YOU THE FLEXIBILITY TO CHANGE TECHNOLOGIES

Radio over IP gateways provide a common interface to proprietary radio equipment. This enables organizations to mix and match the type and brand of radios used in a network. Here are some common scenarios:

- Enabling the use of radios on different frequency bands: such as Air Band, UHF and Marine Band on Offshore Oil Rigs;
- Supporting migration from Analog to Digital using a staged approach or across budget periods;
- Supporting interoperability within and across Digital Protocols: such as connecting emergency services on P25 with a utilities company on DMR after a natural disaster.

WHY OMNITRONICS ROIP?

Omnitronics are a world-leading, award-winning Radio over IP solutions provider. We will *work with you* to choose range of different options and networking configurations to enable you to find the best-fit solution for your organization.



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