

Challenging Communication Boundaries



Radio Dispatch & Networking Solutions

for Digital & Analog Radios





Solutions Overview

“ Making the Complex Simple ”

When did two-way radio get so complicated? This is a sentiment Omnitronics hears every day. There are a vast array of options available, and the choices can be confusing. Regardless of whether your organization is protecting the community or delivering a valuable service to commerce and industry, you just want the best tools that will allow your organization to carry-out its mission in a reliable and efficient manner.

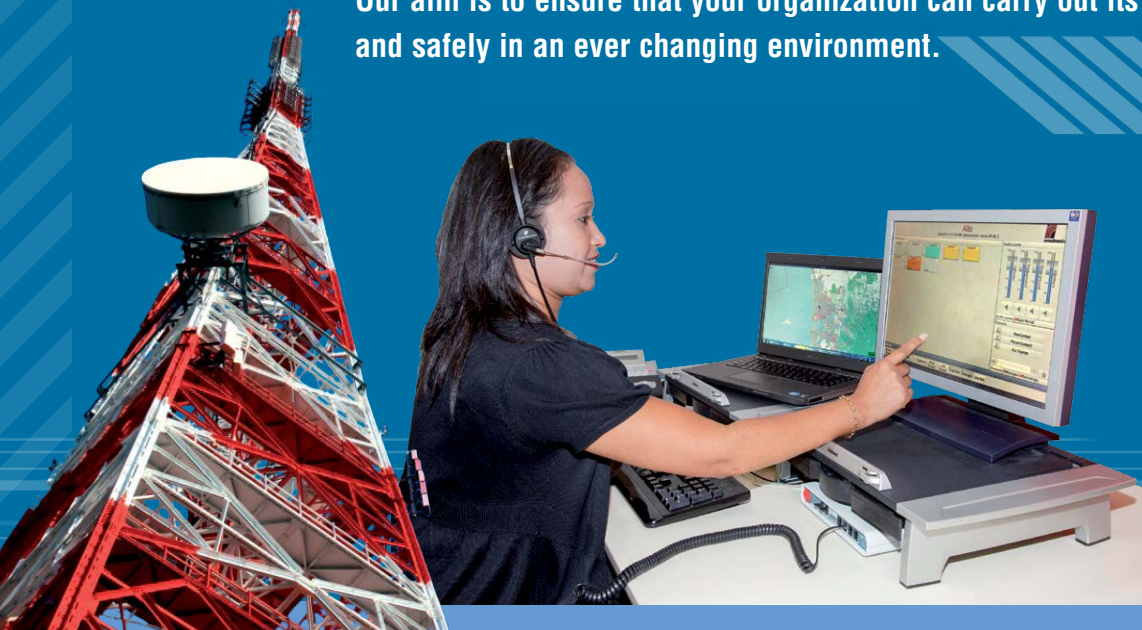
Omnitronics understands this. That's why our mission is to make radio dispatch and networking simpler for all levels of organizations. Omnitronics does the hard work for you by working with a wide variety of technologies and vendors to deliver solutions with the following goals in mind:

- Powerful functionality to meet ever changing demands
- Interoperability across organizations and across technologies
- Flexibility to meet changing needs
- And ultimately... simplicity of operation.

The fulfilment of this philosophy is two-fold:

- Ensuring that multiple technologies can operate on the same network
- Creating powerful dispatch solutions that are efficient and simple to use

Our aim is to ensure that your organization can carry out its business effectively and safely in an ever changing environment.





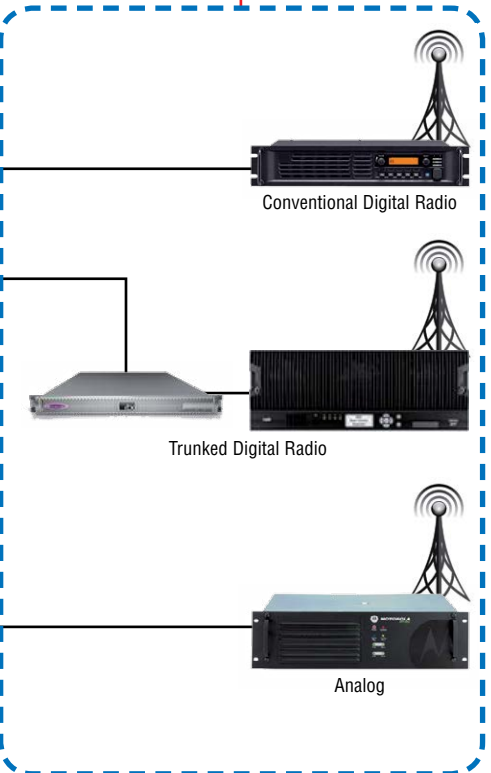
RediTALK: A purely PC-based dispatch console that connects directly to the radio gateways through an IP network.

DRG: Digital Radio Gateways that convert a growing list of digital protocols into one common protocol to be used by the dispatch consoles.

Multiple Protocols: Supports Analog and Digital Protocols including open standards such as P25 and DMR and proprietary standards such as iDAS and MotoTRBO.



or



DX-Altus: A server based radio management system for centralized control and increased functionality.

IP Network: Supports Communications over LAN's, WAN's or the Internet.

IPR: IP Gateways to enable Analog Radios to operate over IP networks.

Powerful Dispatch Solution

RediTALK

RediTALK has been designed for those organizations who want a dispatch solution that is quick to setup and easy to use but doesn't require a central server.

Compatible with both Analog and Digital Radios, RediTALK has been developed in collaboration with major radio manufacturers to ensure it meets the expectations of small to medium sized enterprises such as Utilities and Transportation.

RediTALK includes a range of digital functions to help significantly increase the value you get from your radio network. These include Text Messaging, Group Calls, Individual Calls and Location Services – as standard.

RediTALK Lite is also available for those that want a very basic console but with the option to upgrade as needs change and the organization grows.

DX-Altus and Alto

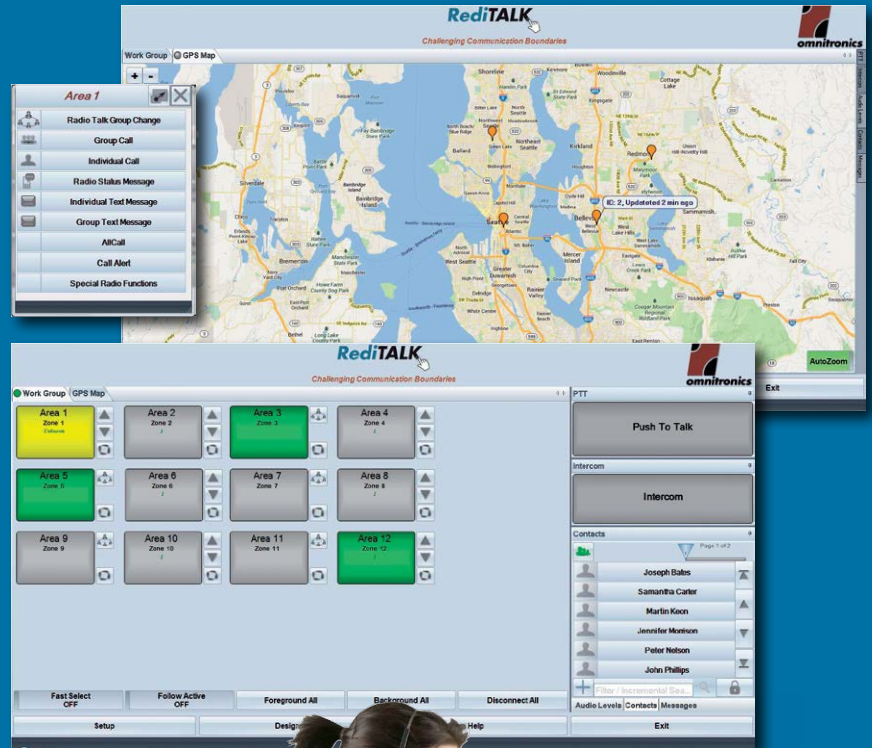
The DX-Altus is a complete Digital Radio Management System. It includes all the functions of RediTALK but with added features to suit medium to large organizations.

DX-Altus consists of a central modular server and the dispatch software, Alto.

The server provides centralized control and management of radio resources, telephones and users. This provides an elevated level of functionality and enables information and audio to be distributed efficiently across an IP network.

Alto is the access and control point for operators to the network and is designed for touch screen operation and maximum customization.

Learn more about DX-Altus & Alto on our Website.



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RediTALK Air

RediTALK Air provides added mobility to dispatch operations. This extends radio networks beyond the dispatch station and into other areas of the office, even for use by managers and supervisors.

RediTALK Air has been designed for simple operation on tablets with the enhanced touch screen features they provide.

Operators can choose the Talk Group or Channel they wish to talk to or to monitor. They can also use advanced digital radio functionality such as individual calls and text messaging.

RediTALK Air can be used in conjunction with RediTALK or DX-Altus systems or as an independent dispatch solution.

RediTALK or DX-Altus?

	RediTALK	DX-Altus	RediTALK Air
Maximum Operators	12	>90	12
Maximum Simultaneous Talk Paths or Channels	12	>160	1
Platform	PC	PC & Server	Tablet
Analog	✓	✓	✓
Digital Conventional	✓	✓	✓
Digital Trunked	✓	✓	✓
Lite Version Available	✓	-	-
Touch Screen	✓	✓	✓
Text Messaging	✓	✓	✓
Individual and Group Calls	✓	✓	✓
Emergency Calls	✓	✓	-
Location Services	✓	✓	-
Talk Group Change/Channel Change	✓	✓	✓
Telephony	+	✓	-
Workgroups	-	✓	-
Rapid Recall	-	✓	-
Remote Configuration and Monitoring	-	✓	-
Centralized Contacts	-	✓	-
Central Controller	-	✓	-
Option for Multiple System Collaboration	-	✓	-
Advanced Location Services	+	+	-
Emergency Management	-	+	-
“Security” Module + Optional Extra	-	+	-



Choice & Customization

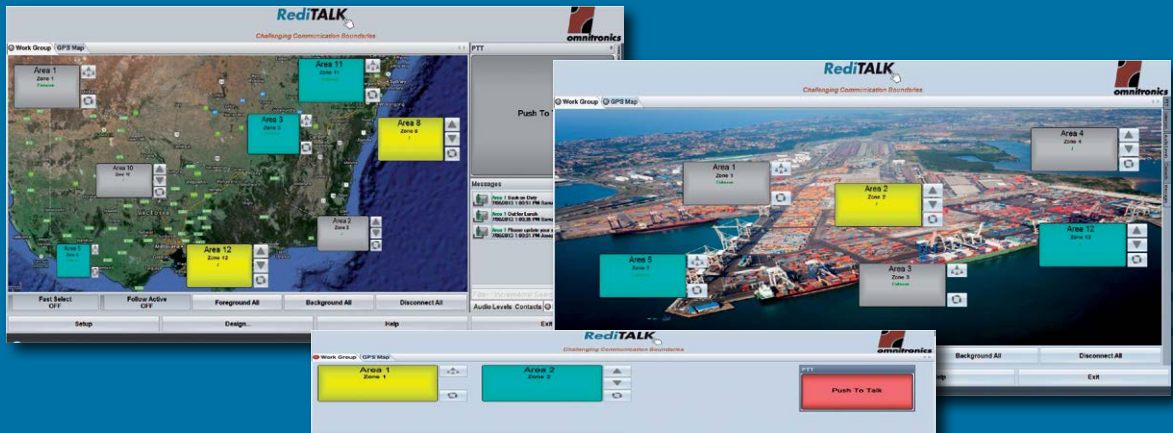
Providing organizations with ultimate choice, RediTALK and Alto have been designed for complete customization.

All sub-windows can be resized, repositioned, hidden, docked or even moved to a second screen.

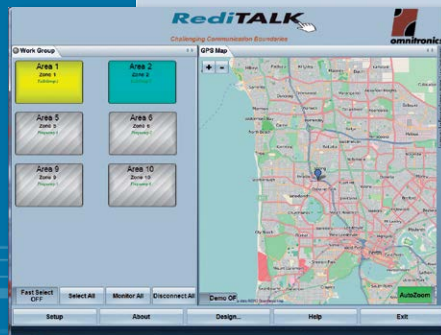
Through the unique design mode, button sizes, colors, text, fonts and more can all be configured to suit your needs. You could even add a background image such as your logo, a site photo or a map.

RediTALK and Alto reduce operator information overload with contact lists, filtering, and enhanced touch-screen functionality (including one-touch and press and hold controls).

Ultimately, organizations can create the most efficient working environment for their operators.



Alto and RediTALK can be customized in a multitude of configurations.



Gateways

In order to provide full radio interoperability and choice, Omnitronics connects operators and radio networks through the use of a range of gateways.

DRG100

The DRG100 can be programmed with a continuously growing list of firmware that converts your chosen digital protocol, conventional or trunked, into Omnitronics' proprietary CCP protocol. This is then transmitted across your existing IP network, all without the loss of extra digital functionality provided by the radios. In fact, the DRG can detect what functionality is available and what is not so operators only receive the relevant information.



IPR Range

The IPR series of gateways enable organizations to connect their analog radios over an IP network, reducing operating costs and increasing network reliability.

The IPR100 interfaces to a single radio, whilst the IPR400 can connect up to four disparate radio types from the one device. The IPR110+ includes SIP connectivity.



Benefits of Gateway Infrastructure

- **Supports Simple Migration:** From Analog to Digital, from Conventional to Trunked, and between Digital Protocols
- **Creates Interoperability:** Within organizations and between agencies
- **Connect Anywhere:** Across the city, state, country or globe
- **Future-Proof:** Adapt easily to future changes in technology
Not locked into any one vendor or protocol
- **Grows with you:** Easy to add sites and channels as required
- **Cost-effective:** No need for expensive leased lines, radio links or satellite links
- **Highly Reliable:** Mesh IP networks eliminate single points of failure



About Omnitronics

Established in 1981, Omnitronics specializes in providing highly reliable and flexible Radio Dispatch, Radio over IP (RoIP) and Interoperability solutions to organizations worldwide.

Working directly with dealers, system integrators and end-users in a variety of industries such as Public Safety, Utilities, Maritime, Transportation, Mining, Oil and Gas, Government and Healthcare, Omnitronics prides itself of creating solutions that meet the demands of organizations of all shapes and sizes.

We do the hard work for you by taking complex radio technology and simplifying it so you can get the maximum use and flexibility out of your radio network without the confusion. Ask us today how we can help you.



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