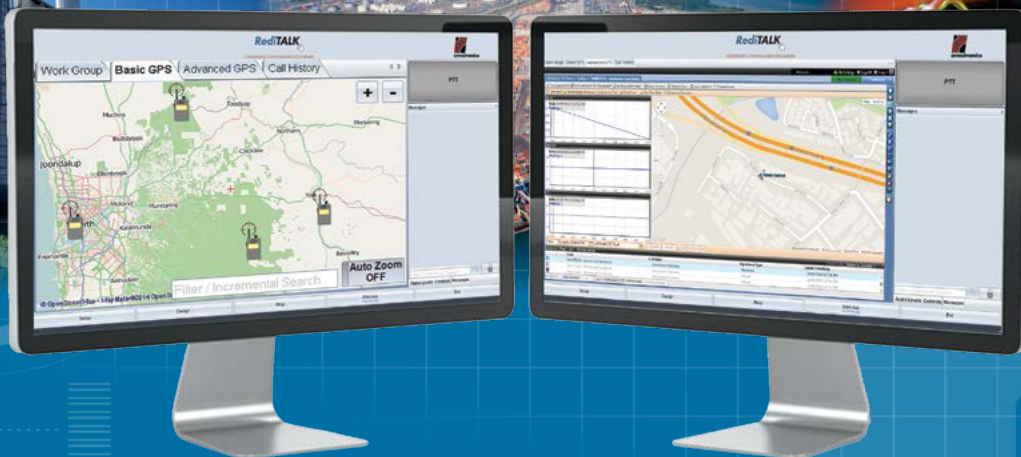# RediTALK-Flex

Radio Dispatch for Digital & Analog Radio

" *Making the Complex Simple* **"**

RediTALK-Flex is the pure Voice over IP dispatch system that's quick to setup, easy to use and works across multiple technologies

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"Technology with a DNA that's evolved since 1981"

Clean and customizable touch screen UI that's efficient and easy to use

Proven Interoperability without the complication

Simple installation and flexibility of operation

Easy upgrade paths to meet your changing needs

What is RediTALK-Flex?

RediTALK-Flex is a Windows based dispatch console application. It's quick to install and easy to use but doesn't require a central server. This makes it ideal for small to medium sized organizations.

RediTALK-Flex has been developed in collaboration with major radio manufacturers to ensure it delivers full functionality, from call management and text messaging to GPS. And because it works with both conventional and trunked systems, it can be used in a broad range of applications. It also works with analog radio and supports traditional signaling schemes such as Selcall, MDC and 2-tone paging. Best of all, RediTALK-Flex provides a user interface (UI) that is easy to use, and is consistent across different radio systems. Regardless of whether your system uses DMR, or P25 or both, RediTALK-Flex strives to make the operator's job easy – making the complex simple.

Key Benefits

→ **Clean and customizable UI that is efficient and easy to use**
Designed for touch screen | Press & hold for context sensitive menus | Flexible windows to best display most important information | Unique radio capabilities driven UI

→ **Interoperability across different radio systems and different organizations**
Gateway devices support communications for analog or digital radios including DMR, P25, Tetra NXDN and MotoTRBO |Common UI functions simplify inter-system and inter-agency operations

→ **Simple installation and flexibility**
Fully IP but isn't constrained to Multicast networks | Works over a LAN or WAN; within a Communications & Control Centre or from a remote location | Distributed audio processing at each PC console – no server required | Easy to expand in terms of channels and operator positions

→ **Easy upgrade path through add-on licenses**
Add more channels, SIP telephony or radio linking as required | Upgrade to a higher level of GPS services or bolt-on the ultimate Advanced Location Services

→ **Continuously evolving through quarterly upgrades**
Adds powerful new functionality to meet ever changing demands and take advantage of new radio features | Ensures continuous improvement.

→ **Integrates with third-party voice recording systems for the most demanding applications.**

Standard Features

RediTALK-Flex comes standard with support for two talk paths – analog or digital, conventional or trunking – full digital radio functionality and GPS Essentials. This will enable an operator to make individual, group or emergency calls, send and receive text messages, and record and playback conversations through the Call History facility. This is all integrated with the built-in contacts list which enables the operator to create, manage and use contact details for all radio users. For GPS enabled radios, the GPS Essentials window will display in real-time the position and status of remote radio units on a map. This functionality alone enables an operator to manage a small mobile workforce and helps ensure their safety.

Options

1 Additional Talk Paths

RediTALK-Flex can be expanded to 12 talk paths (analog or digital) in groups of 2. Additional gateways must be purchased separately.

2 SIP Telephone extension with radio patching

Allows the operator to receive and make telephone calls and patch a call to a radio channel.

3 Radio Linking supporting two link groups

Operators can place any channel to either of the two link groups.

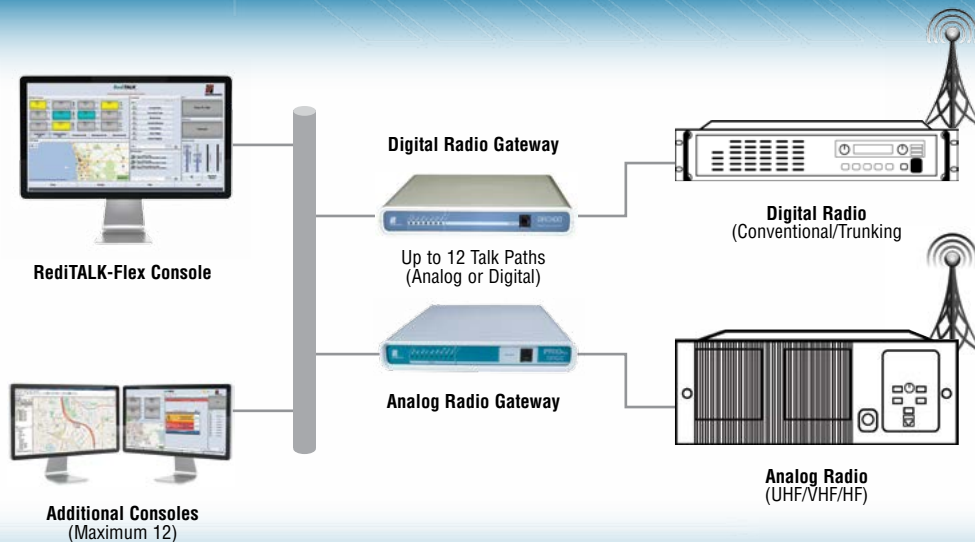### 4 Geofencing & Historical Tracking Option

This option extends the standard GPS Essentials to provide more than just real-time display of your mobile fleet. By adding geofencing and historical tracking of GPS activity, organizations can harness the full power of GPS enabled radio systems to improve the safety and productivity of their mobile workforce.

Advanced Location Services

Advanced Location Services (ALS) is a full featured GPS tracking and reporting system that works seamlessly with the Omnitronics suite of dispatch consoles. ALS is available as a licensed "bolt-on" to RediTALK-Flex. It provides server based functionality for a collaborative dispatch environment. ALS is designed for the more demanding asset tracking and management applications by providing a much higher level of functionality than the Geofencing & Historical Tracking Option, and managing all data in a shared secure database.

RediTALK-Flex Console

Digital Radio Gateway

Up to 12 Talk Paths
(Analog or Digital)

Analog Radio Gateway

Digital Radio
(Conventional/Trunking)

Analog Radio
(UHF/VHF/HF)

Additional Consoles
(Maximum 12)

Gateways

In order to provide full radio interoperability and choice, Omnitronics connects operators and radio networks through a range of proven gateways. All of our gateways are web enabled and support unicast, multicast and SIP.

Console Minimum Requirements

→ Intel Dual Core i5 2.5GHz

→ Windows 7/8/8.1/10 with latest Microsoft updates, .NET Framework version 3.5 to 4.0

→ 4GB RAM, 320GB hard disk (68MB typically required for RediTALK-Flex C2)

→ Ethernet port (10/100 Mbps)

→ Packet loss <5%, Packet delay < 2.5 seconds (with up to 1000ms jitter), Packet corruption < 1%; duplicated packets < 1%, Dead time < 3000ms

→ Video card (GeForce 8800GS 512MB or Intel HD4000 onboard video or equivalent) with Microsoft DirectX 11

→ 4 x USB 2.0 ports (for connection to touchscreen, computer keyboard and mouse as required)

→ LCD Touchscreen 10-inch (1024x768); (15.6-inch 1920x1080 with configurable "touch and hold" functionality recommended)

→ On-board sound (or sound card) with microphone and stereo desktop speakers or a headset (or built-in touchscreen speakers)

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