altusomni

Enterprise dispatch and business analytics for mission-critical environments

MED - LGE Org
60 operators
200+ channels

Why altusomni?

Business Intelligence
Operational productivity & safety metrics all in one.

Small & Powerful
Minimal rack space, powerful processors, low maintenance.

High Availability
Modular design with high reliability and built-in redundancy.

Easy to Use
With a super customizable layout and built-in GPS.

Vendor Independent
Interoperability with multiple communication technologies and vendors.

Overview
Secure, Reliable and Robust

As the next generation of the popular and proven Omnitronics DX-Altus radio dispatch system, **altus**omni is the most secure, reliable and robust enterprise dispatch management solution for mission-critical environments.

Get More
Feature Packed

Lots of features come included as standard, like rapid recall, location services, **omni**connect interoperability, redundancy and reliability, deep analytics and reporting with real-time dashboards, night mode, distributed servers and more.

> **"** Detailed reporting in real-time really helps manage team safety and productivity.

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Interoperability Included

Need to connect people, technologies, protocols and manufacturers? **omni**connect interoperability makes it easy.

What's more, **altus**omni works with both conventional and trunked systems, digital and analog radios, and also supports traditional analog signalling schemes and modern digital technology. Connecting NXDN, DMR, P25, Tetra and more? No problem.

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www.omnitronicsworld.com
sales@omnitronicsworld.com

Easy to Use
Touchscreen interface with a highly configurable layout

Scalable
Up to 60 operators and 224 radio channels simultaneously

Analytics & Reporting
Optimize productivity & efficiency through data insights

Architecture
Centralized modular server with contacts database

Real-time operating system
Secure and impervious to viruses and malware

Location Services
Integrated real-time tracking of personnel and assets

Telephony
Connect with modern and legacy systems

API
Integrate and customize with third party applications

Radio Linking / Patching
Connect groups of radios on demand

Rapid Recall
Public safety grade instant audio recording and playback

Technical Specifications
We Include More

Standard Features	
Real Time Dashboard	Configurable web display for real-time operational system information
Redundancy / Failover (Server Based)	Central server with built-in redundancy and modular components.
Supported Radio Technologies	Analog, P25, DMR, NXDN, MotoTRBO™, NEXEDGE™, IDAS™, Tetra
Public Safety Grade Rapid Recall	Advanced instant voice recording and playback. Locally stored audio recording of all calls.
Digital Radio Functions	Individual call, group call, all call, emergency call, text messages, talk group change, channel change, call alert, radio check/monitor/stun
Audio Processing	Select and monitor audio streams with independent volume control
Analog Signalling	Two-tone paging , EIA tone remote, MDC-1200, DTMF, Selcall
Voice Recording	Radio and telephone	Access recordings from Call History	Transmit recorded voice messages
Radio Linking / Patching	12 independent link groups
Integrated Location and Real-Time Mapping	Configurable real-time display of devices on map. Customizable icon and identity display.
Telephony	Make and answer calls, hold, park, transfer, patch calls to a radios
Geofencing & Historical Playback	Geofences, events, event log, playback of selected user movements, 60 days of recordings
Optional Features	
Advanced Location Services	Shared geofencing & historical playback of selected user movements with event log, long-term storage of recordings

Core Industries
World Class System Across All Fields

Emergency Services   Utilities   Mining   Maritime   Public Safety

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omnicore

The Quantum Leap in Scalable Enterprise Dispatch

MED - LGE Org
100+ operators
200+ channels

Why **omni**core?

Mega Reliable by Design
Natural redundancy through distributed architecture.

Business Intelligence
Operational productivity and safety metrics all in one.

Cloud, Site or Data Center
Deploy how it suits you best.

Easy to Use
With a super customizable layout.

Overview
Next Generation Dispatch

The brand new **omni**core console is the next generation in scalable enterprise dispatch management and can be hosted on premises, in the cloud or a data center.

An evolution of popular Omnitronics radio dispatch technologies **altus**omni and RediTALK-Flex, **omni**core combines the best of both worlds, and is a flexible, easy to use system for small organizations and large enterprises alike.

> The central server delivers the information you need, lets you make instant changes on-the-fly and is unbelievably reliable.
>
> It just works.

We make it work. Easy.
Making the Transition

For peace of mind, the change to **omni**core is simple: it is compatible with existing tried and proven Omnitronics gateways.

It also features **omni**connect interoperability for those wanting to connect people, technologies, protocols and manufacturers.

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Contacts
Automagically centralize your contacts databases into one

Easy to Use
Touchscreen interface with a configurable layout

Location Services
Geofencing, alarms, route playback

Reporting
Sophisticated reporting and analytics into existing systems

On-the-Fly
Central changes are instantly updated

Interoperability
Interconnect people, protocols, technologies & manufacturers

Connections
Digital & legacy analog radio systems, phone, paging, SIP

High Availability
Fully redundant, data replication, clustering & 24/7/365 Support

Technical Specifications

A Dispatch Powerhouse

Latest Technology Dispatch

Cloud, Site and/or Data Center Deployment	Designed to be run and managed in a virtual machine environment
Multi-Vendor Support	Offers interoperability between digital and analog technology from most popular radio vendors
Simple Licensing	All licensing stored on central server. Users can access their profile from any device / location connected to the network
High Availability & Redundancy	Server High Availability options include data replication and clustering. The system's natural redundancy allows consoles to continue working if the server is unavailable
Central Configuration & Monitoring	Easy to use web based configuration interface. Centralized server model for licensing and operator management, channels and installed feature packs. Updates / changes on the server are pushed to connected consoles in real-time
Dispatch User Interface	Touch-screen compatible and easy to use. Do more with less clicks. User defined roles and access control
Call Queue	Choose call requests from list, close completed calls, make notes against responded calls, forward completed responses to colleagues
Customizable 1-Click Workflows	Customizable task buttons to trigger simple & complex (multi-step) workflow actions with a single operator click
Public Safety Grade Rapid Recall	Advanced instant voice recording and playback. Locally stored audio recordings of all calls. Call history with each radio channel audio saved individually.
Integrated Location and Real-Time Mapping	Configurable real-time display of devices on map. Customizable icon and identity display, geofences and key operator dispatch functions directly from map
Real-Time Dashboard	Configurable web display for real-time operational system information
Reporting & Analytics	All system information available via REST API. Compatible with industry standard reporting tools

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RediTALK-Flex

Easy to Use & Flexible Standalone Dispatch Software

SML - MED Org
<12 operators
<12/20 channels

Why RediTALK-Flex?

Easy
Simple to install, maintain and use.
With minimal training.

Cost Effective
Easily customizable to fit the needs of
any organization.

Mapping
Make calls from your map with built-in
location features.

Geofencing & Tracking
Harness the full power of GPS, incl.
historical tracking.

Overview

Easy to Use & Flexible

Regardless of whether your organization is protecting the community, delivering a service or driving commerce and industry, you want the best dispatch management system to carry out your mission in a reliable and efficient manner.

RediTALK-Flex is a pure Voice over IP dispatch system that runs on a standard Windows™ PC or tablet. It's quick to install, easy to use and easy to maintain. Absolutely perfect for small to medium sized organizations.

> Omnitronics RediTALK solution allowed us to meet the operational needs for managing multiple radios in a simple to deploy and cost-effective manner.
>
> GRAHAM TAIT, NSW Fire & Rescue

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Interoperability Included

Need to connect people, technologies, protocols and manufacturers? **omni**connect interoperability makes it easy.

What's more, RediTALK-Flex works with both conventional and trunked systems, digital and analog radios, and also supports traditional analog signalling schemes and modern digital technology. Connecting DMR, P25, Tetra and more? No problem.

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Interoperability
Connect technologies, protocols and vendors

Easy to Use
Clean and customizable User Interface

Flexibility
Use the power of IP to connect & unify anywhere

Duress & Emergency
See who calls where and when

Geofencing
Easily set up zones & alerts to monitor movements

Radio Linking/Patching
Connect groups of radios in real time

Telephony
Receive and make calls and patch to radios

Location Services
Advanced people and asset tracking

Technical Specifications

Making the Complex Simple

Features (Standard & Optional)

Maximum Number of Channels / Talk-Paths	12 (20 for USA)
Maximum Number of Consoles in One System	12
Supported Radio Technologies	Analog, P25, DMR, NXDN, MotoTRBO™, NEXEDGE™, IDAS™, Tetra
IP Protocols	RTP (unicast, multicast), SIP, STUN
Digital Radio Functions	Full support for most protocols | Individual call, group call, all call, emergency call, text messages, talk group change, channel change, call alert, radio check/monitor/stun
GPS Essentials	Open StreetMap, online / cache, people & asset tracking incl radio location, status & ID
Audio Processing	Select and monitor audio streams with independent volume control
Analog Signalling	Two-tone paging , EIA tone remote, MDC-1200, DTMF, Selcall
Voice Recording	60 days, radio and telephone | Call history shows recordings | Transmit recorded voice messages
Radio Linking / Patching	2 independent link groups
Paging	Manual dial, all-call page, instant call, stack paging, talk-time feature, alert tones
Aux I/O Internet of Things (IoT)	Up to 4x4 digital I/O modules supported
Additional Channels / Talk-Paths	Up to 10 channels (up to 18 for USA) in groups of 2
SIP Telephone	1 line, make and answer calls, patch call to a radio
Geofencing & Historical Playback	Geofences, events, event log, playback of selected user movements, 60 days of recordings

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