

Case Study

Yazoo County Authorities Upgrade to RediTALK-Flex Dispatch System

Overview

Yazoo covers the largest area of any county in the State of Mississippi, USA. Their command & control center is a busy hub combining centralized dispatch for the Yazoo County Sheriff's Office, Yazoo City, Yazoo Fire Department, and Law Enforcement / Police for the Cities of Yazoo, Sataria, Eden and Betonia in addition to 9 volunteer fire departments throughout Yazoo County.

EMADirector Jack Willingham and the Board of Supervisors had previously chosen an Omnitronics DX-Altus system to manage these complex communications. As their call volume increased they saw the need to add an extra radio position so as to respond more quickly and efficiently to emergency calls.

Compatibility

One of the main objectives of the new system is that Yazoo County needs to be able to interface to the statewide Mississippi Wireless Information Network (MSWIN) when the requirement arises.

MSWIN is a P-25 700 MHz trunked phase 2 Motorola LMR public safety communication system which is designed to provide 97% mobile area coverage statewide via multiple sites.

MSWIN is the only statewide interoperable emergency communication voice and data network available for use by both state and local public safety entities and connects all police, sheriffs, public safety, county, local state police, and fire departments through Tait TM9400 mobile radios.

Overview

Customer Profile

Yazoo County

Application

Dispatch Console update from DX-Altus to RediTALK-Flex

Business Benefits

- MSWIN Integration
- Simple Installation and Setup
- Easy to Use
- Reliable
- Interoperability
- Conforms to P25 Interoperability Standards
- Future Migration Path to Digital
- Radio Technology
- Improved Utilization of Radio
- Network Resources
- Flexibility to Adapt to Future Needs

Products Used

RediTALK-Flex Dispatch Management System
DRG100 P25
IPR100
IPR110+
omnihub
In Partnership with Ozborn Communications



 **omnitronics**

 www.omnitronicsworld.com
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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

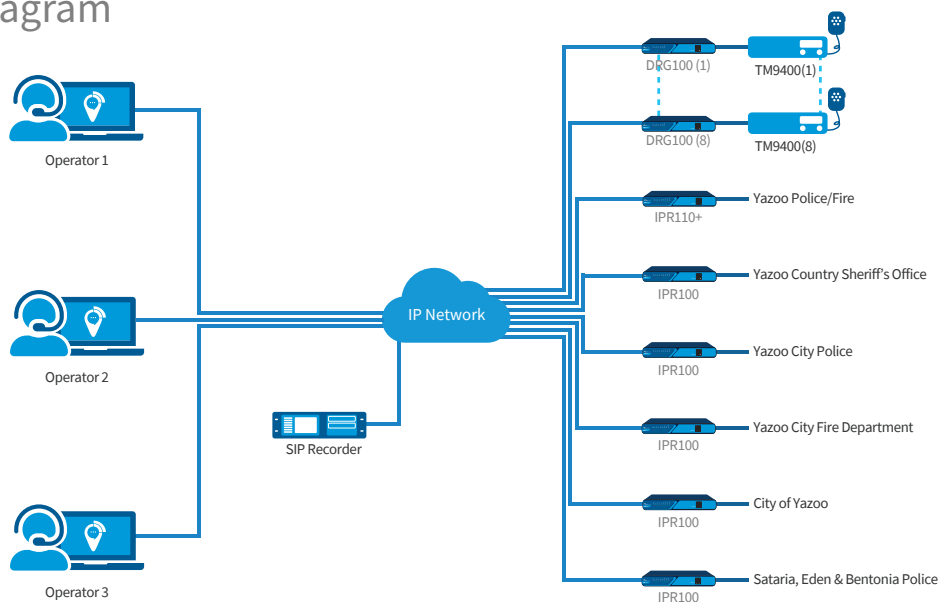
Advanced people and asset tracking

The Solution

With the need to add a radio position, Yazoo County turned to Ozborn Communications for advice on the best suitable options to upgrade their system. As the County had previously used, and had been happy with an Omnitronics solution Ozborn Communications recommended they remain with Omnitronics but upgrade to a Redi-TALK Flex system.

The County preferred the graphical user interface (GUI) found in RediTALK-Flex and liked that the console interface is easy to use so operators could be quickly trained ensuring a smooth transition between systems. Remaining with Omnitronics also meant existing gateways could be reused, minimising the cost of the upgrade.

Network Diagram



Implementation

This was successfully implemented, comprising of 12 channels interfaced to the MSWIN statewide P25 trunked system via Omnitronics DRG100 gateways connecting 8 Tait TM 9400 mobiles and a combination of Tait, Icom and Motorola radios.

Conclusion

Set for the Future

Yazoo County are now able to provide a greater quality of service to their community due to improved efficiency enabled by the new RediTALK-Flex Dispatch System.

We thank our Partner Ozborn Communications for recommending and effectively implementing the solution.