Empowering Michigan's Public Safety

CompassCom's Advanced Tracking Solutions Revolutionize Emergency Response

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Overview

In a strategic initiative to strengthen emergency operations across Michigan's 83 counties, the **Michigan Public Safety Commission (MPSC)**, in partnership with the **Michigan Public Safety Communications System (MPSCS)**, is deploying cutting-edge tracking and communication technologies. At the heart of this deployment is **CompassCom's real-time Automatic Vehicle Location (AVL) platform**, offering secure, interoperable broadband and land mobile radio (LMR) tracking solutions that meet **high State of Michigan IT security standards**.

Designed to enhance operational coordination, situational awareness, and emergency response times, CompassCom's platform supports mission-critical operations across EMS, Fire, Law Enforcement, and Public Works agencies.

Challenge

Michigan's diverse terrain—including dense urban centers, remote rural areas, and critical infrastructure corridors—presents complex public safety challenges. Emergency management teams require a **secure, interoperable platform** that can function seamlessly across varied landscapes and technologies, including **Computer-Aided Dispatch (CAD)**, **GIS systems**, and **legacy infrastructure**. Effective off-grid communication is essential during crises like tornadoes, wildfires, and floods.

Solution

At the **Michigan Interoperability Conference**, CompassCom showcased its **real-time location platform** with support for:

- **Broadband cellular and satellite communications**
- **Motorola Astro P25 and BK Technologies LMR radios**
- **Seamless CAD and Esri GIS integration**

This single, unified system ensures continuous connectivity—even in disconnected or degraded environments—empowering responders with the tools to make rapid, data-driven decisions.

Key Benefits

- **Real-Time Tracking:** Live visibility of personnel and mobile assets statewide
- **Reduced Response Times:** Enables faster, better-coordinated emergency responses
- **System Integration:** Fully compatible with CAD, Esri GIS, and legacy systems, certified to meet **State of Michigan cybersecurity requirements**
- **Scalability:** Configurable for municipal, county, and statewide deployment
- **Advanced Reporting:** Delivers actionable insights and operational accountability
- **Off-the-Grid Capability:** Maintains communication beyond traditional network boundaries

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Results

The integration of CompassCom's AVL platform has already delivered measurable public safety benefits:

- Enhanced **incident coordination and visibility**
- Faster **emergency response times**
- Improved **inter-agency collaboration**

- Better **asset tracking and accountability**
- Deployment aligned with **state cybersecurity and IT policies**

Michigan's proactive approach sets a benchmark for modern, secure, and resilient emergency response systems across the U.S.

Conclusion

By empowering Michigan's emergency services with real-time, GIS-centric tracking capabilities, **CompassCom is redefining operational excellence**. The result: **safer communities**, **smarter resource utilization**, and a **secure statewide communication backbone** built for today's and tomorrow's emergencies.

Explore how CompassCom supports your mission-critical operations.
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