



Capacity Max

Mining Industry

In the demanding world of mining, a communication system is more than just a tool—it's the backbone of your safety and efficiency. As your operations expand, your needs become more complex, and the need for a solution that can keep up is critical.

The MOTOTRBO™ Capacity Max system is the next generation of digital trunking, built on a foundation of reliability, scalability, and control. It's a solution designed for the real-world challenges you face every day, from vast open-pit mines to deep underground tunnels.



MOTOROLA SOLUTIONS

Seamless scalability for growing operations

Capacity Max is engineered for growth. This system can support up to 750 sites with up to 3,000 users per site, giving you the flexibility to expand your communication network as your business evolves. Whether you're a single-site operation or a complex network of facilities, Capacity Max can scale to meet your needs without compromising performance.

Built-In resiliency for uninterrupted communication

Capacity Max is built with a distributed architecture and multiple layers of redundancy to ensure ultra-high availability. The system is designed so that no single failure can bring your communications down, helping your team stay connected and safe, no matter what.

Centralized management for simplicity

Managing a large-scale communication network can be a challenge. Capacity Max makes it simple with powerful, centralized management tools. You have complete command of your infrastructure, devices, and talkgroups from a single console, allowing you to optimize performance, monitor alarms, and keep your entire fleet up-to-date with over-the-air programming.

Key benefits for the mining industry

- **Enhanced Safety:** Integrate applications for GPS tracking, lone worker alerts, and emergency calls to ensure your team has the support they need in an instant.
- **Boosted Productivity:** Use data applications for work order ticketing, text messaging, and telemetry to streamline operations and get the right information to the right person, right away.
- **Operational Control:** With a single, centralized view of your entire system, you can easily manage a large fleet of radios and ensure every team is on the same page.
- **Secure Communications:** Capacity Max provides end-to-end encryption for voice and data, securing your sensitive communications from unauthorized access.

The MOTOTRBO Ecosystem

The MOTOTRBO Capacity Max system works seamlessly with a wide portfolio of MOTOTRBO radios, including the rugged **MOTOTRBO R7**, creating a unified communication ecosystem. This powerful combination of a high-performance network and a purpose-built device gives your team the confidence to perform at their best in the moments that matter.

Learn more about how the MOTOTRBO™ Capacity Max system can deliver the capacity, coverage, and control your operation at www.motorolasolutions.com/en_us/products/mototrbo-systems/mototrbo-private-systems/mototrbo-capacity-max.html



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. ©2025 Motorola Solutions, Inc. All rights reserved. 08-2025 [KR02]