

# MCC 7500 IP DISPATCH CONSOLE FOR ASTRO<sup>®</sup> 25 RADIO SYSTEMS



STAY IN CONSTANT CONTACT WHEN IT MATTERS MOST



## THE MOTOROLA MCC 7500 IP DISPATCH CONSOLE

Whether a large-scale event or a simple traffic light outage at a school crossing threatens the safety of citizens, you need to effectively communicate and coordinate a rapid response.

You need to have confidence in a dependable, always-available, complete communications system that keeps responders safe and constantly connected. You need the Motorola MCC 7500 IP Dispatch Console.

Seamlessly integrated into ASTRO® 25 radio systems, the MCC 7500 console provides interoperability, cost savings, and security advantages for today's critical communication needs. MCC 7500 consoles connect directly to the IP network without interface boxes, digital voice gateways or backroom electronics for an integrated mission critical system. Conventional channels link to the IP network and use the same audio transport as trunked audio.

### ASTRO 25 SYSTEM INTEGRATION

Motorola IP systems are optimized to perform to robust customer specifications for mission critical voice and data communications. ASTRO 25 complies with Project 25 interoperability specifications while system interfaces based on standard IP bring additional value to the system.



The MCC 7500 IP Dispatch Console features:

- Prioritized emergency calls get through no matter how busy the system.
- Voice quality and intelligibility optimized to eliminate clipped or degraded audio.
- High-quality audio maintained despite increasing traffic loads.
- Call setup in a fraction of a second.
- Voice messages consistently delivered in the shortest possible time.
- Quick re-routing of call traffic in the event of an IP network path failure, minimizing lost audio and any impact on the end user.
- Enhanced dispatch performance and improved bandwidth efficiency using IP multicast technology.
- Conventional channels linked to the IP network using the same audio transport as trunked audio.
- Simplified dispatch operations and optimized operational efficiencies when integrated with PremierOne™ CAD.

## MEETS YOUR DEMAND TO PROTECT, PREVENT AND RESPOND TO MISSION CRITICAL OPERATIONS.

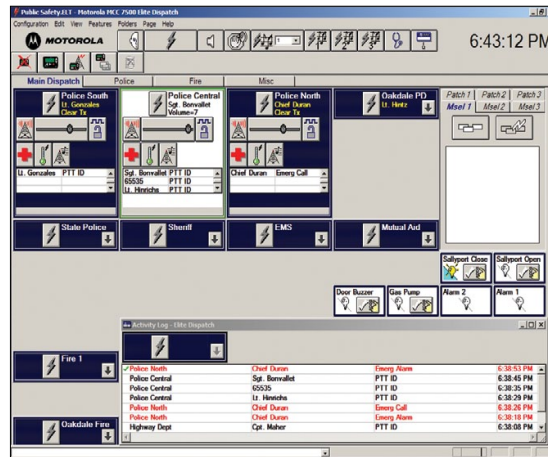
**True End-to-End Encryption** from the radio all the way through the console position. The MCC 7500 IP Dispatch Console goes beyond vocoded audio and uses true encryption technology, the only reliable means to keep your critical communication secure. Each MCC 7500 console supports up to six encryption algorithms simultaneously.

**With Agency Partitioning**, departments or agencies can share a system for cost savings and interoperability, yet manage and maintain control over their own resources, such as talkgroups, encryption keys, and configuration data.

**Centralized System Configuration and Fault Management** of dispatch positions allow changes to be automatically distributed throughout the system, providing vital efficiency. Access to the system manager from multiple remote locations via standard IP methods means users can still have convenient access while enjoying the benefits of centralized management.

**Enhanced, Integrated Logging Recorder** is available for the MCC 7500 Console providing digital recorded audio at the same high-quality level as heard through the dispatch positions. Digital recorders integrated into the radio system reap the benefits of agency partitioning, centralized management and system security, meeting a wide range of ASTRO® 25 customer requirements.

**PremierOne™ CAD Integration** further simplifies dispatch operations, improves data accuracy and enhances operational efficiencies by combining the common, intuitive user interface of PremierOne CAD with the reliable field personnel communications capabilities of the MCC 7500. Agencies that choose to integrate the MCC 7500 Console features with the PremierOne CAD common platform will gain the ability to automate common operations and get a real-time, comprehensive view of the personnel and equipment being supported in the field.



## Customer Accepted Interface

Efficient, easy to use and intuitive, having been refined and proven through years of use in public safety dispatch centers around the world.





## COMMAND AND CONTROL SOLUTIONS DESIGNED AROUND YOU

The MCC 7500 IP Dispatch Console is part of Motorola's extensive portfolio of communications and information solutions designed to address mission-critical public safety and security requirements worldwide. The MCC 7500 dispatch solution meets Motorola's rigorous quality standards to bring you peace of mind.

- Compatible with existing ASTRO® 25 radio systems with forward migration to protect and leverage your investment.
  - Converges with PremierOne™ CAD to further simplify dispatch operations, improve data accuracy and enhance operational efficiencies.
  - Software-based upgrades ease system and feature expansion. Re-use of the Elite Graphical User Interface (GUI) helps minimize dispatcher training.
  - Works together with CENTRACOM™ Elite Console for robust feature interaction.
  - Installation is simplified and site costs are reduced since the console operator position functions without backroom electronics.
  - Console configuration is performed at a centralized network manager client, with changes distributed automatically, saving valuable technician and administrator time.
- More robust service logs, containing real-time information, facilitate maintenance activities.
  - Integration into the system's central fault standard event monitoring protocols means fewer site visits.
  - Flexible bandwidth requirements minimize operating costs for all remote console locations.
  - Conventional audio is transported by the same IP network, eliminating the need for channel banks or a separate circuit switch system.



For more information about how the MCC 7500 IP Dispatch Console can meet your critical communication needs, contact your Motorola representative or visit [motorola.com/ASTRO25](http://motorola.com/ASTRO25)

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