



# MCD 5000 DESKSET SYSTEM

**VoIP TECHNOLOGY FOR OUR CONVENTIONAL  
AND TRUNKED COMMUNICATIONS**





## EXPAND COMMUNICATIONS WITH VoIP TECHNOLOGY

The MCD 5000 Deskset brings you VoIP technology for your conventional and trunked communications. Ideal for dispatch environments, back-up sites, alternate locations, special events and call monitoring, the MCD 5000 Deskset is a powerful and easy-to-deploy VoIP solution for your radio system. With IP technology, you have the flexibility to quickly install desksets where you need them using your IP network infrastructure. And you can easily expand communication capabilities throughout your organization for increased safety, awareness and coordination.

### ADVANCE TECHNOLOGY TO POWER YOUR DISPATCH COMMUNICATIONS

Take full advantage of VoIP technology and enable communication across your network when and where you need it most. The MCD 5000 Deskset connects over your IP network to MCD 5000 Radio Gateway Units (RGUs), each of which supports up to four radios. The MCD 5000 Deskset emulates the buttons and display of the connected radio and performs all the functions of the radio control head. The inherent flexibility of this solution allows you to tailor configurations from a single deskset and a single radio to multiple desksets and multiple radios. Further increasing your capabilities, the MCD 5000 Deskset allows deskset users to dynamically switch between MCD 5000 RGUs, giving you access to additional radios for expanded communications. Each MCD 5000 Deskset can connect and monitor up to four radios (channels) at a time.

### DESIGNED FOR THE WAY YOU AND YOUR TEAMS WORK

With maximum usability in mind, the MCD 5000 Deskset is ergonomically designed with a highly intuitive layout and an adjustable viewing angle for both occasional and constant everyday use. The large and easy-to-read color LCD screen gives at-a-glance access to all of the critical information you need, including messages, channel status, and names along with emergency and user IDs. You can further customize the programmable softkeys to meet the needs of your personnel.

### INCREASE THE SAFETY OF YOUR PERSONNEL

Emergencies can take many shapes and can happen anytime, anywhere, the MCD 5000 Deskset includes the orange emergency activation button familiar on so many radios from Motorola Solution. Your staff will have peace of mind knowing that in an emergency, help can be summoned immediately with the simple push of a button.

### EMERGENCY NOTIFICATIONS

The MCD 5000 Deskset allows you to manage all of your inbound field unit emergency activations across many system types, including ASTRO® 25 systems. Additionally, the ASTRO 25 radio emergency function allows external alarms to be triggered to notify the MCD 5000 Deskset user of an emergency situation, improving response levels.





### **GIVE SUPERVISORS PRIORITY TRAFFIC**

When a supervisor logs into any MCD 5000 Deskset, their communications take first priority over all other MCD 5000 Desksets, allowing their critical voice traffic to get through immediately.

### **FREE UP AIRTIME**

The intercom facilitates conversation and information exchange between MCD 5000 Deskset users with no need to key a radio channel, preserving airtime and keeping conversations off the air.

### **SAVE TIME AND PROVIDE ADDITIONAL SUPPORT WITH ROBUST REPORTING TOOLS**

Provide timely support and save travel time when you remotely access your system to configure and troubleshoot the MCD 5000 Deskset and RGU using the MCD 5000 Deskset System Configuration Tool application. Run reports and perform queries for information you need to make real-time decisions. Supervisor reporting tools allow monitoring of each MCD 5000 Deskset System devices (MCD 5000 Deskset/MCD 5000 RGU) to enhance training and operational efficiencies.

### **SECURITY BUILT IN**

Secure your communications in locations that are not staffed continuously, have public access or access sensitive channels. Select the individual desksets which need this additional level of security and with the MCD 5000 Deskset's security time lock, you configure the duration of time the deskset remains active, after which an authorized user name and PIN are required to reactivate the device. For increased security, user profiles can establish which radio resources are allowed to be seen and accessed. An activity log on each MCD 5000 Deskset displays the last operations performed by the user as well as received transmissions. Flexible communication options allow the use of the handset, Push-To-Talk (PTT) switch and built-in condenser microphone, or headset, footswitch and desk microphone accessories.

### **ADAPTS TO YOUR EVOLVING NEEDS**

Scalable from small operations to complex control centers and geographically dispersed operations, you can depend on the modular MCD 5000 Deskset system to handle your communications and grow with you as your operational needs evolve and change.

### **OPTIONAL OPERATIONS MANAGEMENT CENTER SERVER**

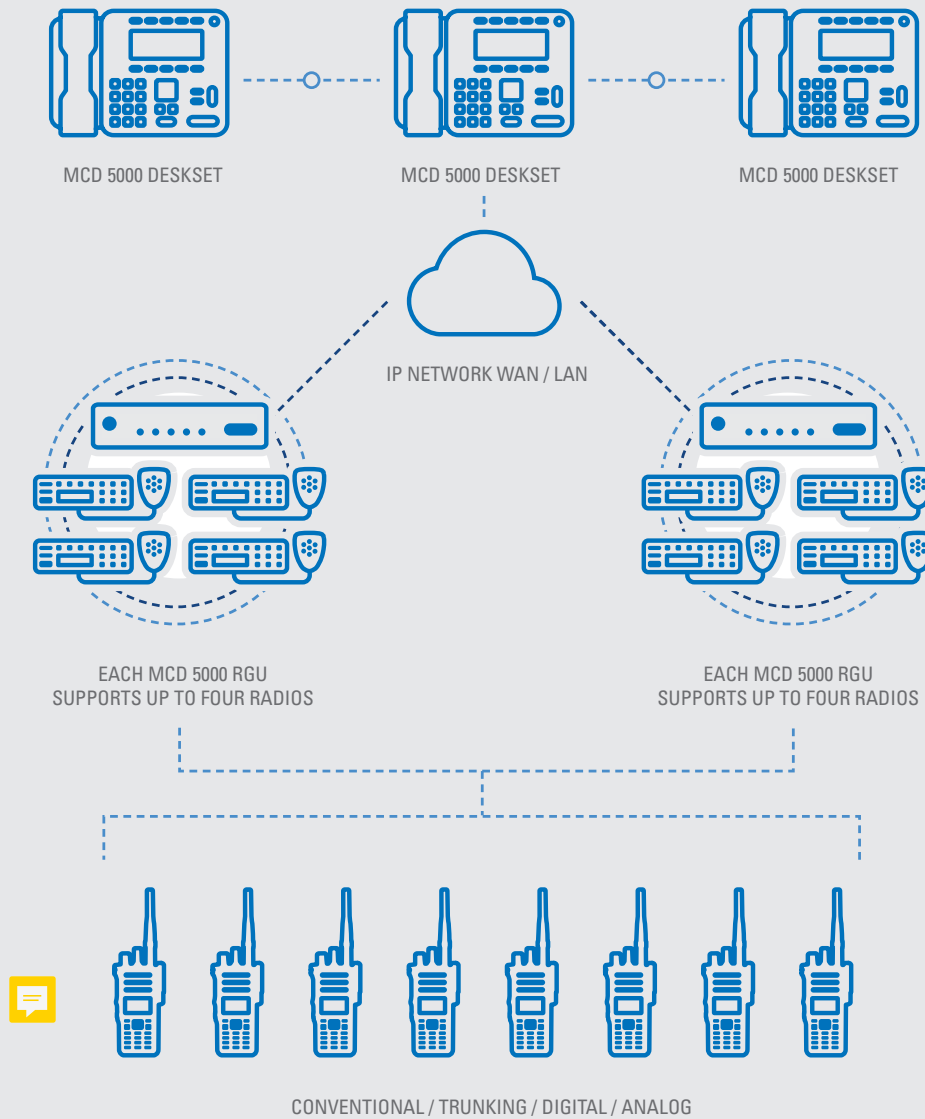
The Operations Management Center (OMC) is an optional main management server for the MCD 5000 Deskset system, enabling system operation, maintenance, provisioning, and control for larger installations as well as for customers with information assurance (IA) needs. This central repository is where all system users, MCD 5000 Desksets and radio resources are registered and where system-wide information including alarms, logs and audits is stored. The OMC server runs on the Red Hat® LINUX® operating system.

### **TWO-WAY RADIO SUPPORT**

- XPR5550e
- APX All-Band Consolette-05 CH
- APX All-Band Consolette-E5 CH
- APX 7500 Multiband Consolette
- ASTRO CONSOLETTE (W9)
- ASTRO Spectra
- ASTRO Spectra Plus
- MTM5400
- MTM800E
- TRC Radios / Base-Stations / Adaptors
- 4-Wire E&M Radios

## MCD 5000 DESKSET SHOWING 3 OPERATOR POSITIONS CONTROLLING UP TO 8 RADIOS

The MCD 5000 allows multiple desksets to dynamically switch to different MCD 5000 RGUs, giving you access to additional radios for expanded communications. Each MCD 5000 Deskset can connect and monitor up to four radios (channels) at one time.



To learn more about how the MCD 5000 Deskset solution can help you implement a flexible VoIP communications on your network, contact your Motorola Solutions representative or visit [www.motorolasolutions.com/dispatch](http://www.motorolasolutions.com/dispatch)



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