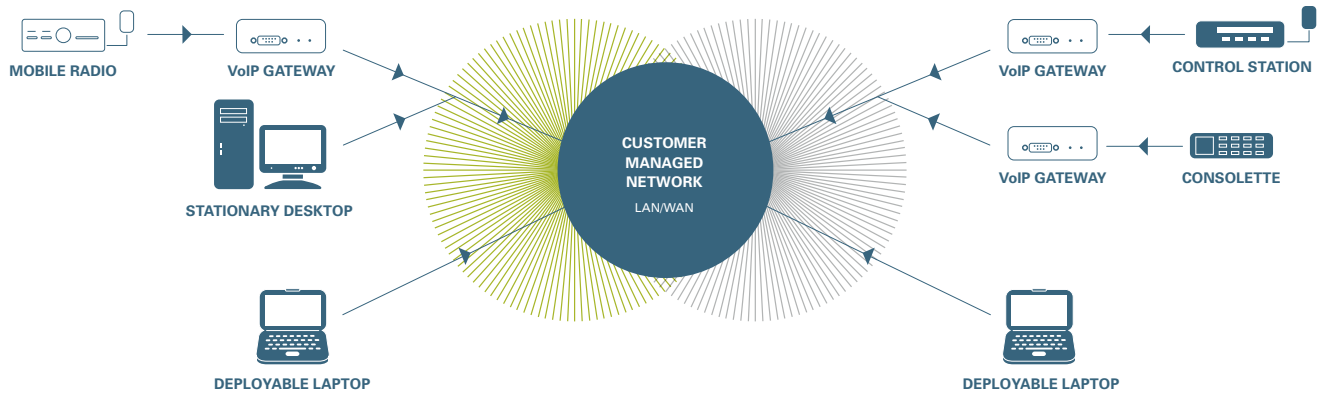


# ***MIP 5000 VoIP Radio Console***

Seamlessly Deploy. Easily Afford.



# MIP 5000 VoIP Radio Console Sample Scenario



## *An affordable VoIP radio console w*

No cable routing, no drilling, and no leased lines, Motorola's MIP 5000 VoIP radio console uses your existing IP network and simplifies the installation saving time and money.

Operating in a Windows environment this powerful dispatch console is easy to use and can control up to 24 channels.



The MIP 5000 radio console works efficiently on your existing managed IP network enabling you to reuse your existing IP network assets. This lowers the cost of ownership by simplifying the deployment effort and eliminating the need for expensive lease lines while assuring continuous, high-quality communication.

The ability to operate wherever network access is available makes MIP 5000 an excellent back up for remote locations and helps to ensure the integrity of your communications infrastructure in a crisis. If you should need to call in backup or temporarily move off site, the VoIP radio console, with its modest hardware requirements and flexible licensing allows you to quickly and easily transition operations to a mobile command vehicle or remotely monitor radio communication anywhere a network connection is available.



**With the flexibility of IP.**



#### Customizable Channel Control

The MIP 5000 GUI provides extensive user options for full control of the display.

#### MIP 5000 VOIP RADIO CONSOLE FEATURES

##### MDC 1200 Signaling

- PTT ID Alias
- Emergency
- Call Alert
- Selective Call
- Frequency Select
- Radio Enable and Disable
- Voice Alert
- Remote Monitor
- Status Request
- Repeater Enable/Disable
- Manual RAC

##### Conventional ASTRO Signaling

- PTT ID Alias
- Emergency
- Call Alert
- Selective Call
- Frequency Select

##### General Features

- Status Message
- Emergency Alarm Response
- Intercom
- Multi-Select (APB)
- Page History Window
- Single Button Paging
- Radio / Telephone Patch
- Supervisory Takeover
- Instant Recall Recorder (Option)

#### VoIP Desktop Application

A MIP 5000 radio console system consists of VoIP software operating on a PC and a compact MIP 5000 gateway connecting your radio to your network. The scalable dispatch solution uses your existing Ethernet network to transport audio packets. For maximum performance in a public safety environment, the MIP 5000 radio console must be configured on a secure and dedicated multicast network enabled with QoS that allocates priority to voice traffic. Once on-line, all operator positions can control any of the conventional radio channels on the network that reach out to your public safety personnel in the field. The MIP 5000 can also communicate wirelessly with trunked radio systems.

#### Flexible Dispatch Control

From a networked desktop computer in the dispatch center to a laptop in a mobile van or an emergency operations center (EOC), the MIP 5000 VoIP radio console allows public safety officials and operators to monitor and respond wherever a network connection is available. The MIP 5000 radio console also provides dispatcher controlled APCO Level 4 Interoperability. When a crisis requires patching disparate radios together, the MIP 5000 uses an easy drag and drop action to allow the radios to talk together. The same easy drag and drop action connects an inbound telephone call to a radio channel.

#### Intuitive Graphical User Interface for Easy Operation

With the look and feel of familiar application menus and icons in a standard Windows environment, the MIP 5000 software is easy to learn and simple to use. Utilizing the same interface as Motorola's MCC 5500 dispatch console, allows trained staff to move seamlessly into a backup center and leverage their knowledge of the solution without additional training.

#### Virtual Control Head

MIP 5000 can mimic the control head for select Motorola radios enabling exclusive Motorola features such as ASTRO PTT-ID for calls and emergency alarms. This provides the dispatcher with control and display indications as if they were actually with the radio. The console displays Alias ID in the both the activity log and on the channel itself and allows the dispatcher to change radio modes.

#### MIP 5000 Accessories

Utilizing the same high quality accessories as the MCC 5500 console, the MIP 5000 Basic Headset Jackbox interface provides access to the standard quick disconnect headsets, and desktop gooseneck microphone and footswitch. The Enhanced Jackbox adds support for a call director interface or a paging encoder interface/recorder port.

# MOTOA<sup>4</sup><sup>™</sup>

## MOTOA4 Mission Critical Solutions

Only Motorola enables agencies to confidently take the next step in mission critical communications. Motorola helps agencies move beyond the basics to achieve the most reliable and innovative wireless solutions that help to save lives and protect communities. These technologies are delivered seamlessly into the hands of first responders: simply, reliably, and without distracting them from their mission. This is Technology That's Second Nature<sup>™</sup>.

For more information about dispatch applications for public safety, the MOTOA4 mission critical portfolio and Motorola's commitment to the public safety industry, please visit our website or contact your Motorola representative.



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