



# MOTOTRBO™ PREMIUM SOFTWARE FEATURES

**Premium software features that are normally sold a la carte are now included as standard with selected MOTOTRBO portable and mobile two-way radios<sup>1</sup> so you can benefit from MOTOTRBO advanced functionality without the need for additional licenses.**

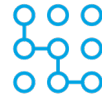
Different users in your organisation have different needs and work environments. With access to all these premium software features now included as standard, you can maximise your communications to enhance personnel safety, improve audio clarity and boost worker productivity.



## SAFETY & SECURITY



## AUDIO



## EFFICIENCY & PRODUCTIVITY



## CONNECTIVITY

Man Down	SINC+ Noise Cancellation	Indoor Location	Wi-Fi Connectivity
Enhanced Privacy	Mute Mode	Text to Speech	Bluetooth Permanently Discoverable
Transmit Interrupt	Received Audio Levelling	Multi-Button PTT	
Authenticated Radio Disable			
Transmit Inhibit			
Response Inhibit			

Providing premium software features as standard enhances performance, but also reduces the complexity of managing your radios. With no licenses to purchase, renew or track, programming is quicker and easier and features can be enabled as required as business needs change.





## SAFETY & SECURITY

### ENHANCED PRIVACY

Keep your communications private and secure. Enhanced Privacy is more robust than Basic Privacy and uses 40-bit encryption to prevent others reading data or listening to voice messages on your system.

### MAN DOWN

Help protect workers using the radio's built-in accelerometer. Man Down detects if a user falls down (tilt alarm), becomes incapacitated and stops moving (anti-movement alarm) or moves when they are normally in a fixed location (movement alarm). On detecting a problem, the radio initiates an Emergency Alarm or an Emergency Call.

### TRANSMIT INTERRUPT

Ensure urgent messages can always get through, even when all channels on your system are busy. Transmit Interrupt allows supervisor radios to stop an on-going call and take control of the channel to deliver higher priority messages, or to stop a radio that is transmitting if the PTT button is inadvertently pressed for an extended period.

### TRANSMIT INHIBIT

Similar to "Airplane Mode" on a phone, Transmit Inhibit prevents your radio from transmitting (for example to prevent interference in an area with sensitive electronic equipment, or when entering a potentially explosive area where safety can be jeopardised due to device transmissions) whilst still allowing the user to receive and hear calls.

### RESPONSE INHIBIT

Response Inhibit prevents a radio from being remotely monitored or tracked using GPS by blocking all transmissions unless they are initiated by the user. So the user can still make calls, but third parties cannot locate them by requesting an automatic radio acknowledgement or location request.

### AUTHENTICATED RADIO DISABLE

Improve system security by preventing radios from being accidentally or maliciously disabled. Authenticated Radio Disable uses software privacy keys to check a remote radio disable command and ensure that the supervisory radio issuing the command is authorised to do so.



## AUDIO

### SINC+ NOISE CANCELLATION

Single Input Noise Cancellation (SINC+) uses advanced audio processing technology to improve speech intelligibility in high noise environments. It uses the radio's built-in microphone to provide background noise reduction previously only available with a more expensive dual microphone accessory.

### MUTE MODE

Users can quickly mute their radio if needed, for example when entering a quiet area or if a non-urgent call arrives during a meeting. Mute Mode silences all radio audio at the press of a single button, or by placing the radio face down<sup>2</sup> and the radio will stay quiet until the user turns off mute mode, an emergency call is received or a pre-set timer expires.

### RECEIVED AUDIO LEVELLING

Different people speak more loudly or softly, some use accessories and some don't or you may have a mixed radio fleet with different gain characteristics. Received Audio Levelling provides an improved audio experience by automatically balancing out inconsistent audio levels on the other end so the listener doesn't need to continually adjust their volume.



## EFFICIENCY & PRODUCTIVITY

### TEXT TO SPEECH

Users can focus on the job at hand, rather than looking at their radio to see its status. With Text-to-Speech, your radio will read out text such as channels, zones, functions, messages and work order tickets. Select from 27 different languages and several different voices or even define a custom dictionary to ensure accurate readout of abbreviations and industry specific terminology.

### MULTI-BUTTON PTT

Create your own bespoke radio interface, for example by having external buttons for each channel mounted on the dashboard of a bus. Motorola Solutions does not produce customised interface panels enabled by Multi-Button PTT, but provides the design parameters necessary to allow partners to create their own.

### INDOOR LOCATION

Boost efficiency and worker safety by monitoring and tracking workers' locations. Indoor Location utilises the radio's Bluetooth capability and iBeacons positioned across a facility to provide location information to a central control station.



## CONNECTIVITY

### WI-FI CONNECTIVITY

Supported radio models can now connect to a Wi-Fi network for fast and secure exchange of large volumes of data, for example to update radio firmware or codeplugs remotely, saving time and money managing your radio fleet.

### BLUETOOTH PERMANENTLY DISCOVERABLE

Some third party applications, for example location tracking, require the radio Bluetooth to be "always on". Bluetooth Permanently Discoverable provides this functionality.

# COMPATIBILITY



	DP2000e SERIES	DP3000e SERIES	DP4000e SERIES	DP4000 Ex SERIES	SL4000e SERIES	DM4000e SERIES
<b>SAFETY &amp; SECURITY</b>						
<b>Enhanced Privacy</b>	Supported	Supported	Supported	Supported	Supported	Supported
<b>Man Down</b>	Not Supported	Supported	Supported (DP4x01e models)	Supported <sup>3</sup>	Supported	Not Supported
<b>Transmit Interrupt</b>	Supported	Supported	Supported	Supported	Supported	Supported
<b>Transmit Inhibit</b>	Not Supported	Supported	Supported	Supported	Supported	Supported
<b>Response Inhibit</b>	Supported	Supported	Supported	Supported	Supported	Supported
<b>Authenticated Radio Disable</b>	Not Supported	Supported	Supported	Supported	Supported	Supported
<b>AUDIO</b>						
<b>SINC+ Noise Cancellation</b>	Supported	Supported	Supported	Supported	Supported	Supported
<b>Mute Mode</b>	Supported (button only)	Supported	Supported <sup>2</sup>	Supported (button only)	Supported	Supported (button only)
<b>Received Audio Levelling</b>	Supported	Supported	Supported	Supported	Supported	Supported
<b>EFFICIENCY &amp; PRODUCTIVITY</b>						
<b>Text to Speech</b>	Not Supported	Supported	Supported	Supported	Supported	Supported
<b>Multi-Button PTT</b>	Not Supported	Not Supported	Supported	Not Supported	Not Supported	Not Supported
<b>Indoor Location</b>	Not Supported	Supported	Supported (DP4x01e models)	Not Supported	Supported	Supported (DM4x01e models)
<b>CONNECTIVITY</b>						
<b>Wi-Fi Connectivity</b>	Not Supported	Supported	Supported (DP4x01e models)	Not Supported	Supported	Supported (DM4x01e models)
<b>Bluetooth Permanently Discoverable</b>	Not Supported	Supported	Supported (DP4x01e models)	Not Supported	Supported	Not Supported



Boost the performance of your MOTOTRBO radios with premium software features to support more effective communications and operations.

To learn more about MOTOTRBO, visit  
[www.motorolasolutions.com/MOTOTRBO](http://www.motorolasolutions.com/MOTOTRBO)

<sup>1</sup> Premium software features are available (when supported) as standard on the following MOTOTRBO portable and mobile two-way radios DP2400e, DP2600e, DP3441e, DP3661e, DP4400e, DP4401e, DP4600e, DP4601e, DP4800e, DP4801e, DM4400e, DM4401e, DM4600e, DM4601e, SL4000e, SL4010e, DP4401Ex, DP4801Ex, DP4401 Ex Ma and DP4801 Ex Ma. Where supported, premium features are available for optional purchase on other models in the MOTOTRBO portfolio.

<sup>2</sup> Mute mode by placing the radio face down is only available on DP3441e, DP3661e, DP4401e, DP4601e, DP4801e, SL4000e and SL4010e.

<sup>3</sup> Man Down functionality has been included as standard on DP4000 Ex Series since launch.

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