MOTOROLA

ASTRO®25 Text Messaging Service

Provide text information quickly and easily to your ASTRO 25 mobile and portable radios to make better decisions for better outcomes.

Intelligence on the Front Lines

On the scene, on the streets, where the action is, your field personnel need information to make decisions. Obtain and share data, maintain situational awareness, conduct investigations, anticipate events, reduce administrative overhead, minimize response times and work with maximum impact with the aid of text messaging.

The ASTRO 25 Text Messaging Service (TMS) provides public safety personnel with real-time secure remote access to mission critical information. Silent and reliable, text messaging is an ideal form of alternative communication when sensitive information is being shared or when the environment is too noisy for conversation. Text requires fewer system resources, making it a good option when major incidents generate high volume radio traffic. Text also conveys detailed information in a convenient form that allows recipients to refer back without having to write down or record the message for later reference.

Available on ASTRO 25 voice and data systems, this service provides additional capabilities for both mobile and portable users. It provides the ability to:

- Send and receive text messages with other radio users and dispatch operators.
- Broadcast text messages to a group of radio users.
- Select from a list of pre-defined messages to quickly compose or respond to messages.
- Store incoming, draft and sent messages for later reference.
- Query databases for critical information such as license plate look-ups.

Radio user text messaging services

Free-form text messages – compose text messages up to 200 characters using the radio keypad.

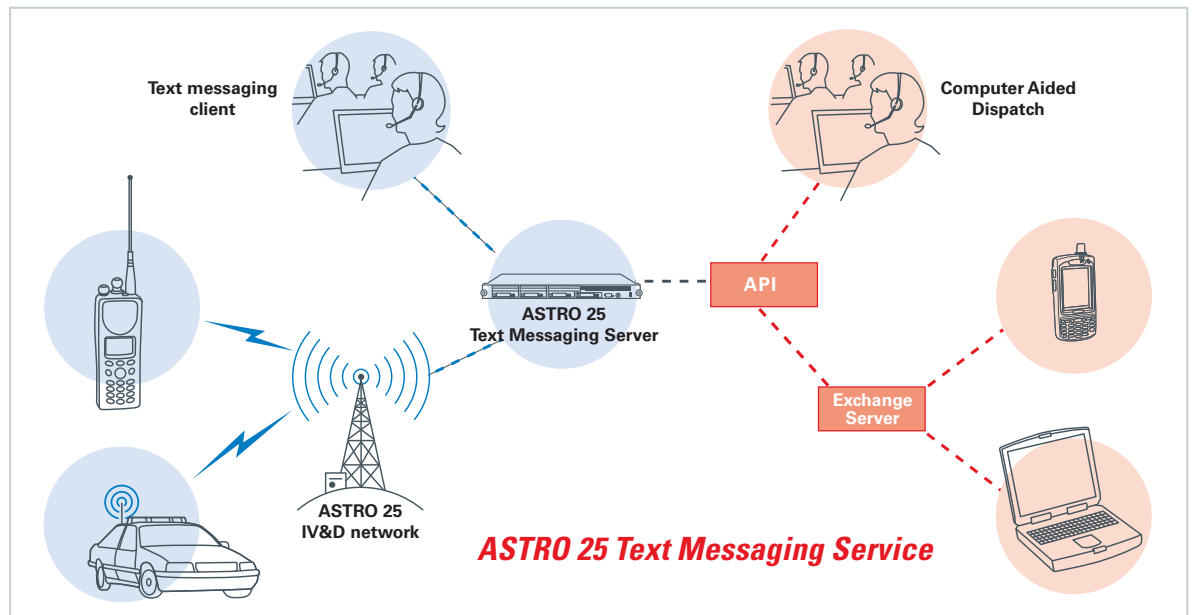**Pre-defined messages –** choose from 150 pre-defined messages in the radio for quick and easy responses.

Store messages – radios are equipped with an inbox folder to store up to 30 incoming messages, a drafts folder to store up to 10 edited quick text messages or free-form messages, and a sent folder to store up to 10 transmitted messages.

Audio and visual alerts – receive an alert with the arrival of a message without having to look at the radio.

Quick access – use the pre-programmable button or the data button on the radio to quickly access the text messaging application.

Address book – access addresses through pre-defined address list or by entering a user ID. Radio users can send the message to the dispatcher or to a single user or group of users.

ASTRO 25 Text Messaging Service

Text messaging client · Computer Aided Dispatch · API · ASTRO 25 Text Messaging Server · Exchange Server · ASTRO 25 IV&D network

Text messaging server

The text messaging server controls the distribution of text messages in the system. Once set up, the server requires no operational actions by the user.

Store and forward – optimizes the delivery of messages by tracking the status of radios. Message delivery and retry is attempted only when the radio is present. Messages directed to radios that are off the system are stored in the server and delivered as soon as the radio or user becomes available.

Text group – allows a message to be sent to multiple radios and or dispatchers enabling fast notification in the case of high alert events.
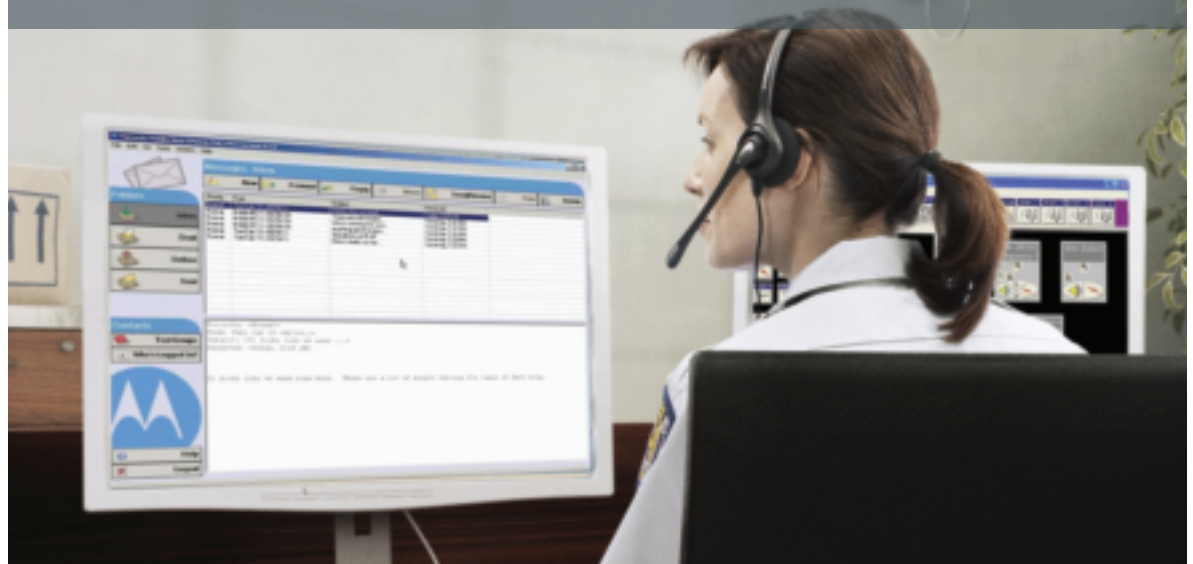
Message logging – messages are stamped with date and time information and logged to a database which can be retrieved as needed.

Text messaging API

The ASTRO 25 text messaging application programming interface (API) is an optional feature available with the text messaging server. The API allows third-party developers using a standards based IP protocol to integrate a rich set of public safety and enterprise applications and services, such as database query, emergency alert, Be On the Look Out (BOLO) alerts, and incident dispatch.

In addition, the API provides a digital IP-based unified messaging service between radios, wireless mobile data terminals, dispatch consoles, PDA clients, and mobile phones using the customer's current exchange servers plus the ASTRO 25 text messaging API.

Text messaging service is available for public safety users with the XTS® and XTL™2500/5000 and APX™ family of radios.

Messaging client can reside on either the CENTRACOM® Elite or MCC 7500 work station to minimize hardware.

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MOTOA4 Mission Critical Portfolio

The ASTRO 25 network is part of the MOTOA4 mission critical portfolio offering seamless connectivity between first responders. Motorola puts real-time information in the hands of public safety and government personnel to provide better information that enables better decisions for better outcomes. It's Technology That's Second Nature™.

For more information on the ASTRO 25 text messaging service or the entire MOTOA4 mission critical portfolio, please visit our website or contact your Motorola representative.

motorola.com/ASTRO25

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