

# Micronet Messaging Application Data Sheet

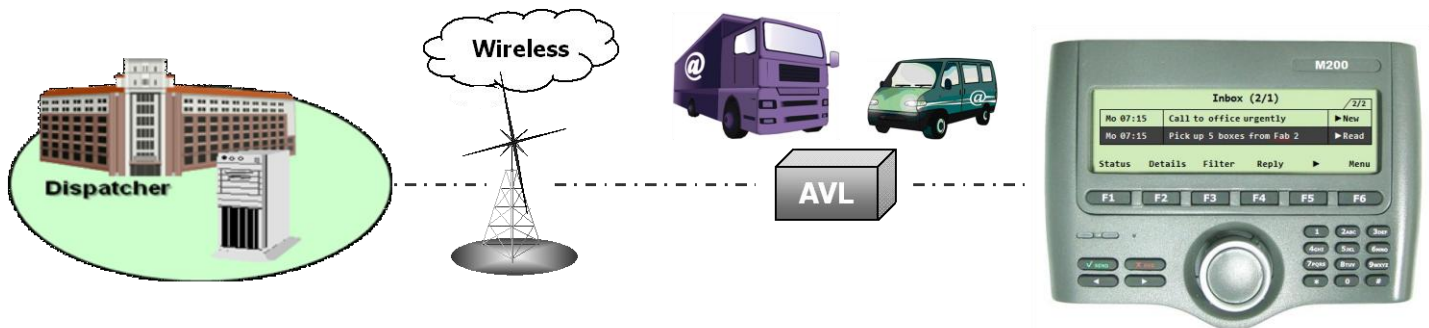
## Two-way Messaging

The first in a series of ready-to-install MDT software applications, Micronet introduces its feature-rich Messaging application, which provides an extensive set of MDT-side, two-way messaging, alerting, status management and response functionalities.

Micronet's comprehensive and robust Messaging application provides an array of simple-to-use features providing with in-cabin communications to/from a central back-office or dispatcher, thus enabling them real-time, ongoing interaction anywhere, anytime.

The Messaging application that Micronet offers provides a scalable feature set that enables you to utilize this application across a broad range of two-way communication requirements.

This Two-way Messaging application is offered under license, at **NO CHARGE**, to customers who purchase Micronet's MDT Development Tool Kit.



## Key Features

- A powerful two-way messaging system that provides all of the necessary tools to quickly create and send text messages to drivers, and enables them to respond directly back.
- Messages are sent to a connected in-vehicle device.
- Management of all messages on a single screen.
- Predefined message sort order from the back office.
- Beep/LED notification when messages, tasks and alerts arrive.
- Classification of messages/tasks by their status.
- Responses are associated to incoming messages and provide the option to view the entire message sequence.
- Forced responses for defined messages.
- Forced responses upon status changes.
- Intuitive GUI
- Three types of incoming and outgoing messages/tasks are provided: canned, free and form.

## Development and Testing Tools

### Communication Software (Emulator)

- Sends all transaction types from the developer's environment (PC) to the MDT unit.
- Receives and displays MDT responses.
- Monitors communication activities.

### System Configurator

- Enables the setup of messaging application parameters.
- Selects a parameter value from a range of existing value options.
- Enables the management of several system configurations for different customers.

# Application Features

- **Login Management:** Provides a variety of authentication paradigms, such as MDT-based username, server-based password, pass-through, identification by device serial number and more.
- **Message Management:** Inbox, outbox, task and alert.
- **Message Response Management:** Message/response association, forced response and response history.
- **Outgoing/Incoming Messages:** Free messaging and a multitude of canned and pre-defined form messages.
- **Task Status Reporting:** Configurable forced responses per task type and automatic acknowledgement upon status changes.
- **Message Status Management:** Status activated actions: New, Read, Cancel.
- **Alert Messages:** Important messages popup on top of regular screens.
- **Configurable Application:** Defines your style of login, password, inbox and outbox capacity, communication definitions and so on.
- **Independent Communication Layer:** According to AVL type.

## Application Key Components

### Inbox

- Presents a list of incoming messages.
- The incoming messages appear in chronological order.
- Incoming message status management: New, Read and Canceled.
- Ability to define additional statuses of incoming messages.
- Ability to change a message status manually and automatically.
- Ability to drill down to details of a message/task.
- Message list filtering by status.
- Ability to see the response indicator for an incoming message and to display the response.

### Outbox

- Current list of outgoing messages.
- The outgoing messages and responses sort order is by date and time descending (the latest response is on the top).
- Easy-to-create outgoing messages.
- Outgoing message status management: New, Sent and Delivered.
- Access to outgoing message content.
- Follow-up on outgoing message status.
- Ability to delete a selected message.
- Predefined outbox list length.

### Alert

- Full alert message support.
- Alert messages pop up on top of the current active message.
- Alert message requires a driver's response.
- LED and BEEP notification upon alert message arrival.

### Tasks

- Driver task list management.
- Defines customized task status.
- Updates task status according to driver activity (Start, In Process, Done, Delay and so on).
- Task progress monitoring.

For more information please visit [www.micronet.co.il](http://www.micronet.co.il) or contact us at [sales@micronet.co.il](mailto:sales@micronet.co.il)