



# NEOTERRA SOLUTIONS

## MOTOTRBO™ SOLUTION FOR TRANSPORTATION



**DISPATCH MANAGEMENT, TELEMETRY, GPS LOCATION TRACKING AND TEXT MESSAGING, EMAIL-TO-TEXT GATEWAY AND LONE WORKER SYSTEM**

**Industry Application:**

- Utilities
- Taxi and public transit operators
- Municipality operations
- Retail delivery & tow truck operators
- Health services

NeoTerra™ Systems is a provider of Fleet Management solutions for the MOTOTRBO™ two-way radio system. NeoTerra has deployed its software solutions in all regions of the world and are focused on maintaining a leading position through innovation and customer service. NeoTerra solutions provide GPS, Text Messaging and Telemetry functions in both single PC and client/server configurations. NeoTerra GPS application has the widest range of map technologies available, including up to 27 different Internet based sources. NeoTerra can provide customized solutions to meet the exact business needs of an end user customer.

### THE CHALLENGE

There are many challenges to overcome in fleet management. You need to ensure safety and security for your drivers and vehicles. Increase productivity as costs escalate. Optimise time and schedule management, responding quickly to unexpected changes or problems. And ensure the fastest response in case of emergencies.

### THE SOLUTION

An effective fleet management helps you increase operational efficiency and deliver better service and results. With accurate location data of your personnel and vehicles, you can optimise schedule and productivity.

MOTOTRBO™ portable, mobile and repeater.



# SOLUTION OVERVIEW



## neoNytro™

This is a premium application for the MOTOTRBO™ radios offering enhanced text messaging, asset tracking via GPS and emergency location service. Using the Motorola Automatic Registration Service (ARS), it provides Automatic Vehicle Location (AVL) and Telemetry solutions with these functional capabilities:

- Calibrate customer-supplied raster images for mapping
- Leverage the Lone Worker system for life-safety monitoring capability
- Incorporate all of the key functionality of the MOTOTRBO™ platform for easy installation and maintenance
- Bundle easy-to-use utilities to simplify the configuration of the Operator's computer and for easy import of raster images



## zapMail™

This is an email-to-text gateway for MOTOTRBO™ radios to provide these functional capabilities:

- Utilize standard SMTP and POP services
- Provide easy configuration
- Facilitate Store and Forward for Text Messaging
- Configurable with various Hospitality Management solutions
- Provide up to 10 Text Clients for Distributed Messaging within a user network



## neoNytro Enterprise™

This is a client/server application incorporating the features of neoNytro™ for MOTOTRBO™ radios to provide these functional capabilities:

- Support Conventional, Trunking or Hosted Trunking modes
- Support Capacity plus R.01.05.xx firmware
- Provide expanded capacities
  - o Conventional system: support 4 voice plus 4 GPS revert control stations
  - o Capacity Plus system: supports 4 voice plus 16 Data revert control stations
- Consist of Client /server and future web-based hosted solution
- Provide 10 client seats with 3 bundled package of 25, 75 and 150 radios access
- Integrate text-ONLY client
- Integrate GPS-ONLY client
- Facilitate Short and Long Messages
- Provide Email-to-text Gateway
- Provide Push-to-Talk (PTT) display (not in Trunking or Hosted mode)
- Provide Status Monitoring



### **SYSTEM SPECIFICATIONS**

- Radio hardware/releases compatibility: MOTOTRBO™ Radio Firmware 01.03.xx or better.
- PC Hardware Requirement:
  - (a) Windows XP Professional/ Vista (Ultimate or Business Edition)
  - (b) 1GHz Dual-Core 32-bit (x86) or 64-bit (x64) capable processor
  - (c) 2GB system memory for Windows XP and 4GB system memory for Windows Vista
  - (d) 160GB hard disk with at least 15GB minimum available space
  - (e) 10Mbps Network Interface 100 Mbps or Gigabit Ethernet Interface
  - (f) Dual monitor video card (recommended)

### **GEOGRAPHICAL COVERAGE**

- Contact your Motorola Sales Managers for availability in your region

### **SUPPORTED LANGUAGE**

- English

### **ORDER-TO-SHIP CYCLE TIME**

- One week

## NEOTERRA APPLICATIONS

MODEL NO.	DESCRIPTION	LIST PRICE US\$
PMDN4140	<b>neoNytro (Advanced Messaging and AVL Software)</b> includes: neoNytro Standalone application, Map Maker tool Package includes: neoNytro Application CD, License Key Note: One License key for each PC	\$3,499.00
PMDN4142	<b>neoNytro MDT</b> includes: 10 MDT Client licenses Package includes: neoNytro MDT CD, License Key Note: 1 Client license for each PC	\$700.00
PMDN4153	<b>neoNytro Demo kit</b>	Not for Resale
PMDN4154	<b>zapMail Demo kit</b>	Not for Resale
PMDN4143	<b>neoNytro Enterprise (small)</b> includes: 1 neoNytro Application Server, 50 neoNytro Client Licenses, 25 radios access, 1 Year annual support and upgrades Package includes: neoNytro Application CD, License Key Note: 1 Client license for each PC	\$6,550.00
PMDN4144	<b>neoNytro Enterprise (medium)</b> includes: 1 neoNytro Application Server, 50 neoNytro Client Licenses, 75 radios access, 1 Year annual support and upgrades Package includes: neoNytro Application CD, License Key Note: 1 Client license for each PC	\$10,150.00
PMDN4145	<b>neoNytro Enterprise (large)</b> includes: 1 neoNytro Application Server, 50 neoNytro Client Licenses, 150 radios access, 1 Year annual support and upgrades Package includes: neoNytro Application CD, License Key Note: 1 Client license for each PC	\$15,550.00
PMDN4147	<b>neoNytro Enterprise Addtl Radio</b> includes: Additional 5 Radio access Package includes: Upgraded License Key	\$360.00
PMDN4146	<b>neoNytro Enterprise Annual Support and Upgrade</b> Additional 12months of software upgrade	\$1400.00
PMDN4141	<b>zapMail</b> includes: 1 zapMail Application Server, 100 zapMail Client access Package includes: zapMail Server/Client CD, License Key	\$3499.00

### MOTOTRBO™ SOLUTIONS

#### neoNytro (standalone)

- Text Messaging
- GPS Location Tracking  
(customer supplied raster map)
- ARS Registration System
- Lone Worker System
- Email to Text Gateway
- Archive and Reporting

#### neoNytro MDT

- a companion application to neoNytro and neoNytro Enterprise
- a mobile text client designed for use in vehicles with laptop
- send /receive text messages to from dispatch or mobiles in a more user friendly display

[www.motorolasolutions.com/ap/mototrbo](http://www.motorolasolutions.com/ap/mototrbo)

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