

# MOTOTRBO™

Professional Digital Two-Way Radio System



**Motorola Limited  
EMEA Headquarters**

Jays Close  
Viabes Industrial Estate  
Basingstoke  
RG22 4PD  
United Kingdom

For more information please visit  
[www.motorola.com/mototrbo](http://www.motorola.com/mototrbo)

MOTOROLA and the Stylized M Logo are registered in the U.S. Patent and Trademark Office. All other product or service names are the property of their registered owners. © Motorola, Inc. 2006

Accelerate performance.

# Introducing MOTOTRBO™ Professional Digital Two-Way Radio System. The future of two-way radio.

The next-generation professional two-way radio communications solution is here, with enhanced performance, productivity and value—and more opportunity for you. With better basics and enhanced features, MOTOTRBO is Motorola's first digital two-way radio system specifically designed to meet the requirements of professional organisations that need a customisable, business-critical communication solution using licensed spectrum.

MOTOTRBO combines the best in two-way radio functionality with digital technology to deliver increased capacity and spectrum efficiency, integrated data communications and enhanced voice communications.



## The Motorola MOTOTRBO Professional Digital Two-Way Radio System:

- Includes everything it takes to meet the business-critical needs of a wide range of users—portable radios, mobile radios, repeaters, accessories, applications and services.
- Uses Time-Division Multiple-Access (TDMA) technology to provide twice the calling capacity for the price of one license. A second call doesn't require a second repeater, so your customers save on equipment.
- Doubles the number of users who can be supported on a single licensed 12.5 kHz channel.
- Integrates voice and data to increase operational efficiency and support a wide range of applications. MOTOTRBO Text Messaging and MOTOTRBO Location Services (GPS location tracking) integrated applications are available now, with more to come through Motorola's Application Developer Programme.
- Provides clearer voice communications over a greater range than comparable analog radios, rejecting static and noise.
- Offers enhanced battery life. Digital TDMA two-way radios can operate up to 40 percent longer between recharges as compared to typical analog radios.
- Enables additional functionality including dispatch data and enhanced call signaling.
- Provides easy migration from analog to digital, with MOTOTRBO's ability to operate in both analog and digital modes.
- Meets U.S. Military 810 C, D, E and F specifications, IP57 for submersibility (portable models), and Motorola standards for durability and reliability.
- Utilises the IMPRES™ Smart Energy System to automate battery maintenance, optimise life cycle and maximise talk time.
- MOTOTRBO is changing the way businesses communicate. With the applications available through Motorola, Motorola's Application Developer Programme, and MOTOTRBO's well-documented and published interfaces, customers can build on their investment and add new high-value capabilities.

## MOTOTRBO Application Developer Programme

Third-party developers play an important role in supporting the market growth of the MOTOTRBO platform and in creating customised applications that will add value to customers in different vertical markets.

Developers will extend the capabilities of MOTOTRBO and provide niche solutions that will satisfy a broad range of customer needs. To encourage the development of a broad portfolio of customer-focused solutions and continuing innovation,

Motorola will provide support to its Application Developer Programme, giving accredited developers access to the protocol and Application Programming Interface (API) documentation as well as online support. So when you recognise an opportunity to customise an end user solution through the use of an application, contact the Motorola Application Developer Programme manager for support.