SPECIFICATIONS

KEY FEATURES

Plug and Play Instant one-to-many communication. Supports TETRA Voice Services including Group, Individual and Telephony Calls, and Data Services including single- and multi-slot packet data and TETRA Enhanced Data Service (TEDS), as well as Authentication and Air Interface Encryption. Compatible with Motorola MTS 1, MTS 2 and MTS 4 TETRA Base Stations and MCC7500C IP Consoles. Data Services including interface to customer's enterprise network, IP based Telephone Interconnect, Remote service access. Migration from existing analogue systems.

GENERAL

Dimensions HxWxD	568 x 912 x 226mm
Weight	43kg
Power Consumption (Max)	300W

ENVIRONMENTAL & REGULATORY

Compliant with:

- Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

- Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on Waste Electrical and Electronic Equipment (WEEE) - with amendments 2003/108/EC and 2008/34/EC

- European Union EMC Directive 2004/108/EC Directive - EN55022, EN55024, EN61000-3-2, EN61000-3-3

- Low Voltage Directive 2006/95/EC - EN60950-1

For more information on the MTP3000 Series radios, please visit us on the web at:
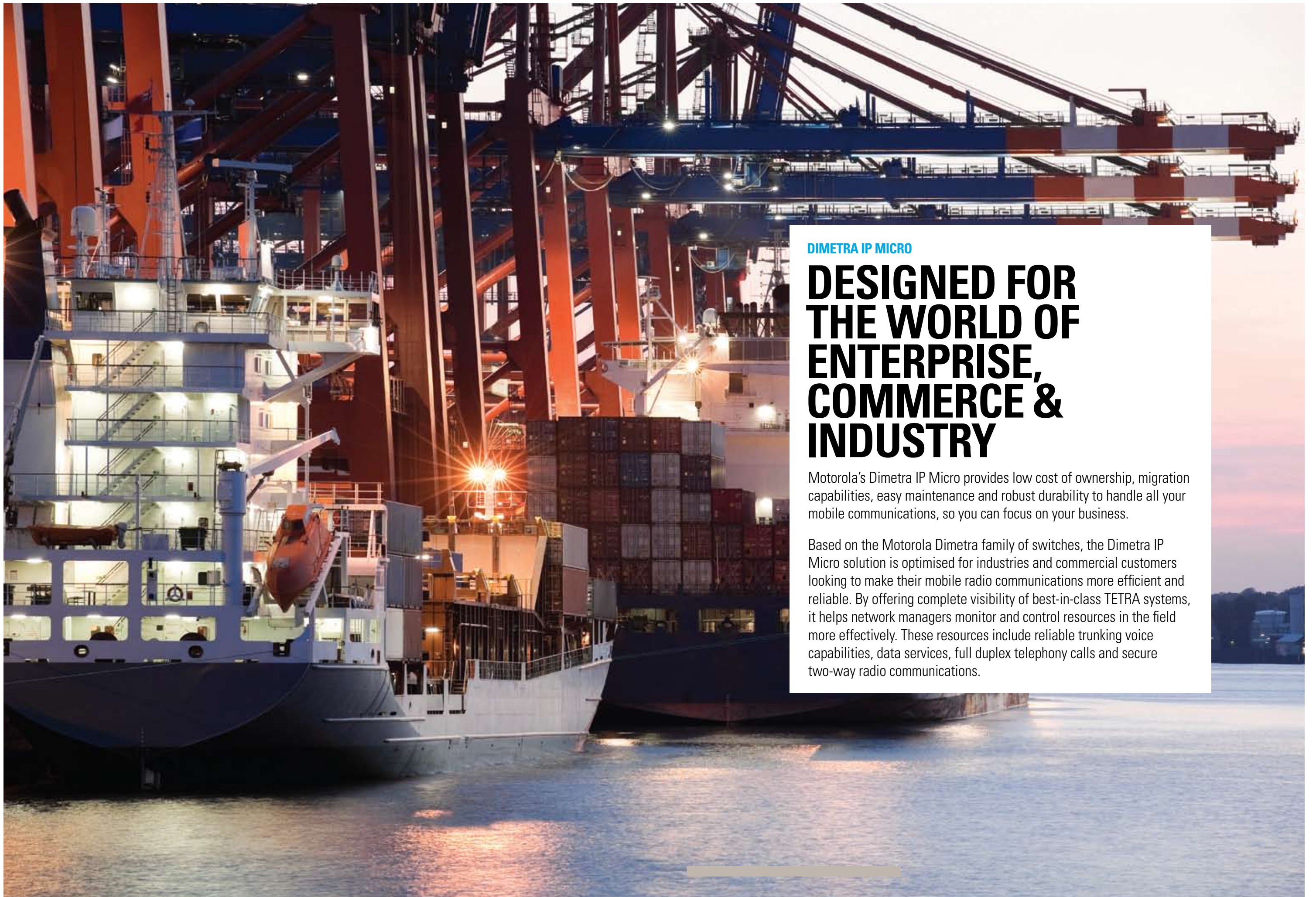www.motorolasolutions.com/MTP3000

MOTOROLA

DIMETRA™ IP MICRO
HELPING YOU FOCUS ON YOUR BUSINESS

MOTOROLA TETRA FOR COMMERCIAL AND ENTERPRISE APPLICATIONS

DESIGNED FOR THE WORLD OF ENTERPRISE, COMMERCE & INDUSTRY

Motorola's Dimetra IP Micro provides low cost of ownership, migration capabilities, easy maintenance and robust durability to handle all your mobile communications, so you can focus on your business.

Based on the Motorola Dimetra family of switches, the Dimetra IP Micro solution is optimised for industries and commercial customers looking to make their mobile radio communications more efficient and reliable. By offering complete visibility of best-in-class TETRA systems, it helps network managers monitor and control resources in the field more effectively. These resources include reliable trunking voice capabilities, data services, full duplex telephony calls and secure two-way radio communications.

RELIABLE & EFFECTIVE COMMUNICATIONS

For those working in the field, effective and reliable communication is both vital and sometimes challenging. That's why business-critical users value the features and flexibilities offered by our Dimetra IP Micro solution. It provides the performance benefits needed in the commercial and enterprise sector, including oil and gas, manufacturing, mining, seaports and airports, as well as large hotels, casinos and event management.

MTP3250

The MTP3250 has been designed and tested to enhance the safety of all types of personnel. As well as being built for exceptional reliability and ruggedness, the high power ultra-clear audio means that the message will get through in very noisy situations.

Other significant Motorola TETRA terminals include the MTP850 Ex ATEX radio, certified for use in explosive gas and dust environments.

Dimetra IP Micro links to the Motorola high capacity and high sensitivity MTS 1, MTS 2 and MTS 4 carrier Base Stations and the MCC 7500C Dispatch Console.

MTS4   MTS2   MTS1

DIMETRA IP MICRO
FOR BUSINESS CRITICAL USERS

BENEFITS

INTELLIGENT TRUNKING

Dimetra IP Micro is equipped with smart features that enable users to operate efficiently. These include group & individual calls, IP telephony calls semi and full Duplex, busy queuing and call-back, queuing priority, data service to conventional channel interface, amongst others. The end result is improved efficiency and security.

COST-EFFECTIVE SOLUTION

Employing a web-based graphical interface, Dimetra IP Micro is easy to install, operate, deploy and maintain. The base station operates on Ethernet site links, allowing you to minimise your investment by re-using your existing infrastructure. Its remote access feature enables system monitoring and diagnostics to reduce system maintenance cost. The system can be mounted on the wall or fixed on desktops, optimising real estate utilisation, thus providing flexibility and space savings for end users.

ROBUST AND RELIABLE

Offering one of the most powerful base stations in the market, with its high power and sensitivity, the Dimetra IP Micro solution ensures reliable wireless communications at a site and provides optimum coverage for your investment. At the heart of each base station is a site controller which manages the local tasks allocated by the main switch, such as subscribers' registration. It runs the intelligence on site independently, taking over control of the communication when the link to the main switch is disrupted. This ensures communication remains available to users at all times.

EASE OF MIGRATION

If you have an analogue system, Dimetra IP Micro enables you to make use of your existing network while deploying a Motorola TETRA system. It interfaces to your existing system to allow you to communicate with TETRA users, helping ease and smooth the migration. By maximising return on your investment until you complete the new TETRA network deployment or phase out your existing analogue network, this open standard platform allows users to stay productive during the migration.

ONE-STOP SHOP

Today, Motorola remains as the leading industry provider of TETRA, driving forward the design, development and deployment of scalable digital TETRA solutions to the next level. Designed with industrial, commercial and enterprise users in mind, Dimetra IP Micro is our latest addition to the Dimetra IP suite.

OIL & GAS, UTILITIES AND ENERGY

Managing field personnel in a highly hazardous environments is more efficient with a TETRA system. Dimetra IP Micro provides a high quality communication system with integrated voice and data communications to support daily supervision, dispatching and monitoring of oil workers and security personnel on location.

FACTORIES, MINING AND INDUSTRIAL USERS

Beside crisp and clear voice communications, data and applications require a secure and robust communications system. Emergency alarms and calls regarding the safety of the site and the users are increasingly becoming a standard critical requirement in such industries. Dimetra IP Micro ensures reliable clear communication paths for such high priority calls.

TRANSPORTATION (AIRPORTS OR SEAPORTS)

An ideal solution for airports and/or port operators, it ensures optimum performance in fleet management, communication and monitoring. It also enables automatic location tracking as well as status messaging for improved workforce management. Authentication and air interface encryption are available for enhanced security.

HOSPITALITY AND MEETINGS, INCENTIVES, CONVENTIONS & EXHIBITIONS (MICE)

Clear and crisp communications is critical to the efficient ground operations in any customer service-centric environment such as hotel management. Dimetra IP Micro allows easy integration into existing IT infrastructure and telephony systems, for enhanced communications coverage among staff.