



**CRITICAL COMMUNICATIONS SIMPLIFIED**

# MOTOROLA DIMETRA IP MICRO

Whether it's about coordinating a response across different work teams, or sharing time sensitive information amongst staff members, accomplishing critical operational tasks requires that your organisation maintains an efficient and reliable communications system. These fundamental requirements are at the heart of the design of the Dimetra IP Micro, a compact communication system that is optimised for commercial enterprises.

## **MOTOROLA QUALITY TO THE CORE**

As the world leader in TETRA, we offer a comprehensive suite of technology components that are integrated and tested together: network management, switches, base stations, radios and accessories. Our aim is to provide you with peace of mind and an assurance of world-class product quality and support. Dimetra IP Micro harnesses the same industry leading technology found in our Dimetra IP system – a mission critical system used by public safety organisations worldwide. This gives you the assurance of tried and tested end to end software capabilities and a commitment to ongoing development and support.

## **TRANSFORMED WORK PROCESSES**

Dimetra IP Micro offers support for a wide range of services including fast and efficient group calling, text messaging, packet data, PSTN or VoIP telephony, location based services and a wide range of value added services from our world class Application Partners. With such powerful capabilities, the impact of Dimetra IP Micro on your work processes can be truly transformative.

## **ROBUST SYSTEM OPERATION**

The Dimetra IP Micro system leverages an enhanced IP architecture. This allows optimum call setup performance and ensures high system availability. In addition, through the support of switch redundancy, service availability can be maintained through a standby Dimetra Micro system. A further benefit is the option to carry IP traffic from network sites, over cost effective Ethernet networks and with site link redundancy.

## **SIMPLE ANALOGUE TO DIGITAL MIGRATION**

To simplify legacy system migration, Dimetra IP micro includes a multi-channel interface to existing analogue networks. This interface allows analogue network users to participate in group calls with TETRA users hosted by your Dimetra IP Micro system.

## ASSOCIATED PRODUCTS

Motorola offers a complete portfolio of TETRA radios and accessories that address the specific demands of users across commercial and enterprise sectors.

MTS1, MTS2 and MTS4 Base Stations. Powerful, scalable and feature rich TETRA Base Stations.

MCC 7500C Dispatcher Console, for flexible, fast and effective control of TETRA Operation.

## SPECIFICATION

### Central Cabinet

Supports TETRA Voice Services<sup>1</sup> including Group and Individual Calls  
Supports MTS Range of TETRA Base Stations and MCC 7500C IP Consoles  
Voice Logging Option  
Short Data Services including interface to customer enterprise network  
Packet Data Services [Single Slot, Multi Slot and TETRA Enhanced Data Service (TEDS<sup>2</sup>)]  
Security Option, including:       Authentication  
  Air Interface Encryption  
  End to End Encryption (subscriber to subscriber)  
  
Support for switch redundancy  
IP based Telephone Interconnect  
Support for local and remote dispatch consoles  
Web based network management  
Remote service access option  
Redundant base station site links

## GENERAL

Dimensions	HxWxD (mm) (Vertical Orientation)	Weight (max)	Power Consumption
<b>Central Cabinet</b>	912 x 568 x 226	43 kg	300W
<b>Wall Mounting Kit</b>		7 kg	

## 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

1. For full details of services supported please contact Motorola  
2. Please contact Motorola for further details of the TEDS solution.

To learn more about how your organisation can benefit from the Dimetra IP Micro system, please visit us on the web at: [www.motorolasolutions.com](http://www.motorolasolutions.com)