



# Dimetra™ IP Compact

## Scalable TETRA Solutions for Critical Communications



### Key Benefits Include

#### Scalable in size & features

- Modular, scalable solution from voice only to full system capability, from single site to multi site

#### Proven capability & feature set

- Same Dimetra IP architecture in use by public safety, transportation, industrial and commercial users across the world

#### Compact, efficient & flexible

- Low cost of ownership, through compact size

#### Maximum availability

- Highly resilient architecture coupled with a range of enhanced availability options



### Secure, Trusted and Reliable Integrated Voice & Data Solutions

#### IP based solutions for critical communications

Dimetra IP Compact delivers a comprehensive, scalable communications solution using an enhanced IP architecture to ensure optimum call set up and availability. The modular approach allows users to deploy core services and expand features and coverage when demand or budgets allow.

#### Modular, scalable solution to grow with you

The flexible architecture of Dimetra IP Compact allows you to start small and grow as your business grows. Whether starting from a single site or with voice only, our solutions allow you to expand when you want – and without disrupting your existing users.

#### Proven capability & feature set

Dimetra IP Compact uses the same software and architecture as our nationwide TETRA solutions in use by public safety organisations worldwide. This gives you access to a tried and tested range of features and a commitment to ongoing development and support.

#### Highest levels of resilience for maximum availability

Dimetra IP Compact offers a range of solutions to maximise overall system availability. These include a Geographical Redundancy option that provides an excellent and cost effective disaster recovery solution.

## Fact Sheet

DIMETRA IP COMPACT  
SCALABLE TETRA SOLUTIONS FOR CRITICAL COMMUNICATIONS

## Specifications

### SYSTEM OPTIONS

Voice Rack	Supports TETRA Voice Services* including Group and Individual Calls. Compatible with Motorola MTS2 and MTS4 TETRA Base Stations and MCC7500 IP Consoles.
Enhanced System Rack	As Voice rack, plus expansion options: Short Data Services Packet Data (Single Slot & Multi Slot) Telephone Interconnect Gateway System Redundancy Option Voice Recording Option Security Option, including: Authentication Air Interface Encryption End to End Encryption support
Geographical Redundancy Option	As enhanced system rack but providing Geographical Redundancy for: Voice operation, Telephone interconnect Short data services Interface to customer's enterprise network Remote service access

GENERAL	Dimensions HxWxD mm	Weight (kg) (max)	Power Consumption (kW)**
Voice Rack	400 x 530 x 740	50	0.4
Enhanced System Racks	1330 x 600 x 980	280	2.5
Geographical redundancy racks***	1330 x 600 x 980 (both cabinets)	260 (cabinet A) 180 (cabinet B)	2,300 (cabinet A); 1,500 (cabinet B)

### ENVIRONMENTAL & REGULATORY

Environmental	Compliant with the European Union EMC Directive 89/336/EEC and Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on Waste Electrical and Electronic Equipment (WEEE) 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
Regulatory	ETSI EN 300 827

\* For full details of services supported please contact Motorola

\*\* Power consumption based on fully equipped rack

\*\*\* This solution geographically separates existing switch level redundancy. As such 2 system racks are required  
Specifications are subject to change without notice and are issued for guidance only.  
All specifications listed are typical. Radios meet applicable regulatory requirements.



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Conforms to EC 1999/5/EC (R&TTE - Radio and Telecommunications Terminal Equipment) Specifications subject to change without notice. All specifications shown are typical. Radio meets applicable regulatory requirements.

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