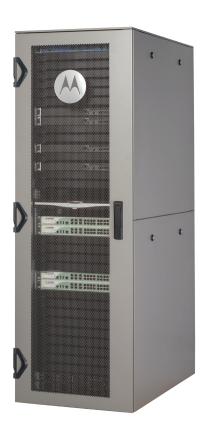# DIMETRA X CORE

READY FOR THE FUTURE, TODAY

DIMETRA X Core is designed to make the most of your TETRA network today, while preparing you for the additional capabilities offered by mobile broadband tomorrow.

With a software-defined core, enhanced cyber security and smart interfaces, DIMETRA X Core is built for long-term performance, giving you the mission-critical communications you need for the next 15 years or more. It features an architecture that scales from one site to 5000 or more, and allows you to easily add new users or capabilities.

Based on proven technology and open standards, DIMETRA X Core is a secure, smart investment for your organisation's future.

MOTOROLA SOLUTIONS

KEY FEATURES

- Advanced architecture
- Software-defined core
- Protected investment in radio access network
- Fully scalable from one to 5000+ sites
- Comprehensive feature set
- Consolidated, virtualized core

- Flexible capabilities
- Flexible capacity
- Scalable pricing
- Lower operational costs
- Lower total cost of ownership
- Proven DIMETRA technology

SPECIFICATIONS

TETRA voice and supplementary services* including group and individual calls.

Compatible with Motorola MTS range of TETRA base stations and MCC7500 dispatch consoles

Short and packet data services

Telephony interconnect gateway – choice of E1 or IP enabling connection to analogue PABX or an external VoIP network via IP-PABX; SIP protocol support

E1 or Ethernet site links

Interface to customer enterprise network

Inter-System Interface (ISI)

Remote service access

Core redundancy with geographical redundancy option

Voice recording option

Interface support to Intelligent Middleware

Interface support to Wave 5000 and WAVE 7000

Security Options:
  Authentication
  Air Interface Encryption (including Class 3G)
  End-to-End Encryption

Cyber security options, including:
  Anti virus
  OS patching
  Site link encryption
  Perimeter protection
  OS hardening
  Two factor authentication

Physical dimensions HxWxD (mm)
  Single rack 1850 x 610 x 1010
  Geographical redundancy racks 1850 x 610 x 1010

Weight (kg) (min)**
  Single rack 275
  Geographical redundancy racks 250 (each rack)

Power consumption (kW) (min)**
  Single rack 1.2
  Geographical redundancy racks 0.8 (each rack)

Environmental

Compliant with Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on Waste Electrical and Electronic Equipment (WEEE) and Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Regulatory

EN 55024 and EN 55032

* For full details of services supported please contact Motorola Solutions
** Weight and Power consumption based on minimum configuration

For more information, please visit us on the web at:
motorolasolutions.com/dimetraxcore

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