

TETRA Interoperability Certificate

**Motorola Solutions, Dimetra IP R9.0, SwMI –
Sepura, SC21, Terminal**

Kraków, September 2017

Latest Certified SwMI SW Release:	R9.0	Latest Certified Terminal SW Release:	1746 019 08522
Latest Certified SwMI HW Release:	Dimetra IP R9.0	Latest Certified Terminal HW Release:	TH01STW

ISCTI (Istituto Superiore delle Comunicazioni e delle Tecnologie dell'Informazione) certifies, that the Motorola Solutions, Dimetra IP R9.0, SwMI and the Sepura, SC21, terminal have been subject to interoperability testing for the “certified” features listed on second page of this certificate, in accordance with the TETRA Interoperability Profiles, TIP compliance Test Plan and related TETRA interoperability requirement tables.

The table lists all the available TETRA interoperability profiles, and summarizes the main functionalities of every profile according to the TETRA interoperability requirement tables.

A feature is “Certified” when it has been successfully tested during the last test session with one of the testing method described in the TETRA process document part 1 (TPD001-01).

A breakdown into the feature details is given in the Feature Compliance Overview section of this certificate.

This certificate has been issued following a multiple test session between Motorola Solutions and Sepura on September 2017. Detailed test results are listed in the Test Report associated to this Certificate. Details and explanation about the procedure used to provide verdicts are in the TIC process TPD001-01.

IOP test engineer


Roberto Lo Sterzo

Head of the Procedure


Ivano Luciani

Radio Office Manager


Giuseppe Pierri

ISCTI - V.le America 201, 00144 Rome, Italy
Ph.: +39 06 5444 2135, Fax: +39 06 5410904
e-mail: tetra_ctc.iscom@mise.gov.it,
Web: www.mise.gov.it

Date of issue:
28 February 2018

v1

Test Session: Motorola Solutions, Kraków, September 2017

1/28

v1

Motorola Solutions, Dimetra IP R9.0, SwMI –

ISCTI - tetra_ctc.iscom@mise.gov.it

Sepura, SC21, Terminal

Certified features

TTR001-01:Core	
Registration	Certified
Group Management	Certified
Group call	Certified
Individual call	Certified
Status messages	Certified
Pre-emptive Priority Call	Certified
Emergency Call	Certified
Cell Re-selection	Certified
PSTN interconnect	Certified
MS-ISDN Numbering	-
In Call Signalling	Certified
Subscriber Class Procedures	Certified
Common Secondary Control Channels	Certified
BS Fallback Operation	Certified
Energy Economy Mode	-
Transmit Inhibit	Certified
Mixed band operation	Certified
TTR001-02:SDS	
SDS Type 1, 2 or 3	-
SDS-TL	Certified
Store and Forward	Certified
Multipart SDS	-
TTR001-03:DGNA	
Support for individually addressed DGNA	Certified
Support for group addressed DGNA	Certified

Tolerance of unsupported DGNA functions	-
TTR001-04:Auth	
SwMI Initiated (non-mutual) Authentication	Certified
SwMI Initiated Authentication made Mutual by MS	Certified
TEI Query	-
TTR001-05:PD	
Context Management	Certified
Single Slot Packet Data	Certified
Multi Slot Packet Data	Certified
TEDS	-
Mixed band operation	Certified
TTR001-06:AIM	
Registration	Certified
Group management	Certified
Group call	Certified
Individual call	Certified
Status/SDS message	Certified
Security	Certified
TTR001-09:AL	
Ambience Listening	Certified
Interaction with Transmit Inhibit	Certified
TTR001-10:E2EE	
E2EE Voice Call	Certified
TTR001-11:AIE	
Security Class 2 Air Interface Encryption	Certified
Security Class 3 Air Interface Encryption	Certified
Security Class 3G Air Interface Encryption	Certified
Management of CMG and GSKO	Certified
Key Status demand	Certified

Change of Security Class for Fallback operation	Certified
Change of Security Class (other than for Fallback operation)	Certified
Key Management for Secure Direct Mode Operation	Certified
TTR001-12:SI	
MS initiated Service Interaction	Certified
SwMI initiated Service Interaction	Certified
Call Waiting	-
TTR001-13:ED	
Enable and temporary disable of an MS	Certified
Permanent disable of an MS	Certified
TTR001-14:TKD	
Delivery of Authentication Data	Certified
Delivery of SCK	Certified
Delivery method	Certified
TTR001-17:RUA	
Radio User Assignment	-
TTR001-19:LIP	
Location Information Protocol	Certified
TTR001-20:CF	
Call Forwarding Unconditional	Certified
Call Forwarding Conditional	Certified
Call Forwarding Information Displayed	-
Management of Call Forwarding	-
TTR001-21:Callout	
Full Callout	Certified
Simple Callout	Certified
Interaction with other services and events	Certified
Callout Test and Callout Availability	Certified
Callout Text and Callout Pre-Coded Status	Certified