

EC Declaration of Conformity

Document No.: INEA-DP-2/2018, January 2018

File: DecofCon_ME-RTU_201801

Manufacturer: INEA d.o.o.

Address: Stegne 11, SI-1000 Ljubljana, Slovenia

Product: Remote Terminal Unit

Type: 4G LTE

Model: ME-RTU

Trademark: INEA d.o.o.

The above mentioned product complies with the following European directive.

Directive	Remark
2014/30/EU	Electromagnetic compatibility directive (EMC)
2014/53/EU	Radio equipment on the market
2014/35/EU	Low voltage compatibility directive(LVD)

Further particulars about the conformity to 2014/30/EU, 2014/53/EU and 2014/35/EU directive are contained in the appendix.

CE marking was first applied in November 2017 for EMC, radio equipment and LVD.

Author: Igor Steiner
Place: INEA d.o.o., Ljubljana, Slovenia
Date: November 2017

Signature of representative

for the Manufacturer: Peter Kosin: 
(INEA d.o.o., General Manager)

Place: INEA d.o.o. Ljubljana, Slovenia
Date: November 2017

The appendix is part of this declaration. The declaration certifies the conformity with the directives 2014/30/EU, 2014/53/EU and 2014/35/EU, but does not contain any warranted qualities. The installation, usage and safety directions of the product have to be observed.

Appendix – Remote Terminal Unit ME-RTU with regards to EMC

Document No.: INEA-DP-2/2018, January 2018

Product: The following product produced **from November 2017** is covered by this declaration.

Product Name
ME-RTU

The conformity of the mentioned product with the regulations of the Directive 2014/30/EU and 2014/53/EU for Electromagnetic Compatibility and radio equipment is shown by application of Test reports. This is supported by selected product tests to the following EMC standards directly and indirectly when generic EMC standards are used.

Note: The mentioned product must be used as directed in the product documentation in order to provide full compliance. As the ME-RTU is an open type of equipment, the module must be installed into the control enclosure with standard EMC procedures applied to achieve full compatibility to European Standards.

List of standards and tests:

EN 61131-2: 2007	Programmable controllers – Part 2: Equipment requirements and tests
Draft EN 303 446-2	ElectroMagnetic Compatibility (EMC) standard for combined and/or integrated radio and non-radio equipment; Part 2: Specific conditions for equipment intended to be used in industrial locations; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
Draft EN 301 489-1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU
Draft EN 301 489-17	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
EN 61000-6-4:2007 EN 55032:2012	Conducted emission measurement, Class A
EN 55014-1:2006 + A1:2009 + A2:2011	Discontinuous disturbance measurement
EN 61000-6-4:2007 EN 55032:2012	Radiated emission measurement, Class A
EN 61000-4-2:2009	Immunity to electrostatic discharge, achieved criterion A
EN 61000-4-3:2006 + A1:2008 + A2:2010	Radiated electromagnetic field immunity test (RS), achieved criterion A
EN 61000-4-4:2004	Electrical fast transient/burst immunity test, achieved criterion A
EN 61000-4-5:2006	Surge immunity test, achieved criterion A
EN 61000-4-6:2009	Immunity to conducted disturbances induced by RF fields (CS) , achieved criterion A
EN 61000-4-8:2010	Magnetic field immunity test, achieved criterion A
EN 61000-4-11:2004	Voltage dips and short interruptions immunity test (DIP) , achieved criterion A, B

The EMC declaration of Remote Terminal Unit ME-RTU is done based on the examination by the following independent test organization.

Test organization:	Slovenian Institute of Quality and Metrology SIQ Tržaška c. 2, 1000 Ljubljana, Slovenia
Test laboratory: (place of test)	SIQ Ljubljana Mašera-Spasičeva ulica 10, SI-1000 Ljubljana, Slovenia
Subject file No.:	C20171956
Test Report No.:	T251-0620/17
Date:	2017-11-17

Appendix – Remote Terminal Unit ME-RTU with regards to LVD

Document No.: INEA-DP-2/2018, January 2018

Product: The following product produced **from November 2017** is covered by this declaration.

Product Name
ME-RTU

The conformity of the mentioned product with the regulations of the Directive 2014/35/EU for Low voltage Compatibility is shown by application of Test reports. This is supported by selected product tests to the following LVD standards directly and indirectly when generic LVD standards are used.

List of standards:

EN 60950-1:2006 + A1:2010 + A2:2013 + A11:2009 + A12:2011

The LVD declaration of Remote Terminal Unit ME-RTU is done based on the examination by the following independent test organization.

Test organization:	Slovenian Institute of Quality and Metrology SIQ Tržaška cesta 2, 1000 Ljubljana, Slovenia
Test laboratory: (place of test)	Slovenian Institute of Quality and Metrology SIQ Mašera-Spasičeva ulica 10, SI-1000 Ljubljana
Test Report No.:	T223-0570/17
Date:	2018-01-04

Modification History

Subject Document: ME-RTU Declaration of Conformity
Reference Number: INEA-DP-2/2018

This is an additional sheet to identify any changes to the associated Declaration of Conformity. This sheet does not form any direct part of the declaration and is not intended to be issued with the declaration. This sheet is intended for INEA's internal control and management of the declaration.

<i>Date of new issue</i>	<i>Revision Nr.</i>	<i>Changes</i>
July 2013	INEA-DP-52/2013	First Release
March 2014	INEA-DP-09/2014	Modification of model name, from ME-RTU-FX3 to new name ME-RTU
November 2017	INEA-DP-80/2017	Modification of model ME-RTU to new type 4G LTE
January 2018	INEA-DP-2/2018	New LVT test report received