II 3 G

1 # Certificate

2 Document number GE10ATEX8510X Issue 2

3 European Community Declaration of Conformity for Group II Category 3 G equipment in accordance with Directive 94/9/EC.

4 Declaration relating to: 8510-MO-NS Node Services Module

5 Assessed and Manufactured by: GE Intelligent Platforms, 2500 Austin Drive, Charlottesville, VA 22911, USA.

6 This apparatus fulfils all the requirements for Group II, Category 3 G equipment in accordance with Directive 94/9/EC. The design complies with EN 60079-11: 2012 & EN 60079-15:2010 (EN 60079-15:2005 for Legacy 'nL' installations). The design is fully documented in GE Intelligent Platforms Technical File Number TF8510.

7 The apparatus in normal operation is energy-limited, and is designed to be installed and used in accordance with EN 60079-14:2008 & EN 60079-25: 2010 and installation drawing no. SCI-1530.

8 The required marking of the apparatus is specified in GE Intelligent Platforms Technical File No TF8510 and includes the distinctive community mark:

9 In addition, the marking includes the CENELEC code Ex ic nL IIC T4. The ic or nL applies both to the energy-limited Railbus and Carrier connections and to the non-ignition-capable energy and hot surfaces within the product.

10 The ambient temperature range for the apparatus is –40°C to +70°C.

11 Manufacture is controlled by an ISO9001:2008 approved system, and is externally audited by CSA and FM.

12 The apparatus meets the ATEX Directive requirements for electromagnetic radiation by complying with the EMC Directive 2004/108/EC.

13 The standards published in the Official Journal of the European Commission with reference to the Low Voltage Directive 2006/95/EC have been used to fulfil 1.2.7 of Annex II of directive 94/9/EC to eliminate electrical risks.

14 Special Conditions of Safe Use

a. The apparatus must be installed in an enclosure or an environment that provides a degree of protection not less than IP54 when used in Zone 2.
b. In order to comply with the transient requirements, the voltage for this apparatus must be provided by regulated power supply units complying with the requirements of European Community Directives.
c. Where the interconnecting cable utilizes part of a multi-core cable containing other intrinsically safe circuits, then the multi-core cable shall be in accordance with the requirements of a multi-core cable type A or B, as specified in Clause 9 of IEC 60079-25.
d. A multi-core cable containing circuits classified as level of protection "ia", "ib" or "ic" shall not contain non-intrinsically safe circuits.

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Revision History

Issue	Date	Remarks
1	23rd February 2012	First GE Intelligent Platforms issue
2	24 May 2013	CENELEC marking ic added with assessment note in section 6, 7, 9 and section 14. Reference to installation drawing SCI-1530 added in section 7.