EC DECLARATION OF CONFORMITY

Manufacturer Name & Address:

GE Intelligent Platforms, Inc
2500 Austin Drive
Charlottesville, VA 22911 USA

We declare, under our sole responsibility, that the following products identified in this declaration,

Product Family: **PAC8000 Process I/O**

Model Numbers: (reference attached list on following pages)

are in conformity with the provisions of the following EC Directive(s) when installed in accordance with the Installation manuals INM8100, INM8200, and INM8521, and used within the specified ratings.

EMC DIRECTIVE:

We hereby certify and declare under our sole responsibility that the apparatus described above conforms with the essential requirements of the EMC Directive 2004/108/EC, based on the following CENELEC harmonized Standard:

EN 61326 (Annex A – Industrial Locations) (See notes on following pages of this Declaration.)

Low Voltage DIRECTIVE:

We hereby certify and declare under our sole responsibility that the apparatus described above conforms with the essential requirements of the Low Voltage Directive 2006/95/EC, based on the following CENELEC harmonized Standard:

EN 61010-1:2001

ATEX DIRECTIVE:

We hereby certify that the apparatus described above conforms with the protection requirements of Council Directive 94/9/EC on the approximation of the laws of the Member States generally concerning equipment and protective systems intended for use in potentially explosive atmospheres.

Specifications with which conformity is declared:

Essential Health and Safety Requirements of Annex II of the Council Directive 94/9/EC

Each product complies with the Directive by meeting the appropriate requirements of the following CENELEC harmonized Standards: -

EN 60079-0:2009 EN 60079-11:2007 EN 60079-15:2005

Where products were initially assessed for compliance with the Essential Health and Safety Requirements of the Directive using earlier harmonized standards, a subsequent review has determined that 'technical knowledge' is unaffected by the current harmonized standards listed above.

Each of the products listed is supported by Certificate of Conformity, Technical File, and where appropriate an EC Type Examination Certificate. The Certificate numbers for each product are listed on the following pages.

The ATEX and CENELEC classifications of each product are defined on the Certificates.

Authorized Signatory: _____ Date: 5 Sept 2011

Name/Title: Dr A Jawad, PAC8000 Engineering Manager
GE Intelligent Platforms Europe SA

The **Authorized Responsible Person**, based within the EC, is identified below:

Name: Fergal Maher
Title: General Manager
Address: GE Intelligent Platforms Europe S.A.
Zone Industrielle
6468 Echternach
Grand-Duche de Luxembourg
Tel: +352 26722 320
Fax: +352 26722 354

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I/O Modules

Product	Description	EMC[1]	LVD[2]	ATEX[3]	Cat1/Cat2 ATEX Cert. Number	Cat3 ATEX Cert. Number[4]
8101-HI-TX	8-channel AI module	Yes [A]	Yes	Yes	None	GE10ATEX8101X
8102-HO-IP	8-channel AO module	Yes [B]	Yes	Yes	None	GE10ATEX8102X
8103-AI-TX	8-channel AI module	Yes	Yes	Yes	None	GE10ATEX8103X
8104-AO-IP	8-channel AO module	Yes	Yes	Yes	None	GE10ATEX8104X
8105-TI-TC	4-channel THC/mV input module	Yes [C]	Yes	Yes	None	GE10ATEX8105X
8106-TI-RT	4-channel RTD input module	Yes [C]	Yes	Yes	None	GE10ATEX8106X
8109-DI-DC	8-channel DI module	Yes	Yes	Yes	None	GE10ATEX8109X
8110-DI-DC	8-channel DI module	Yes	Yes	Yes	None	GE10ATEX8110X
8111-DI-DC	8-channel DI module	Yes	Yes	Yes	None	GE10ATEX8111X
8112-DI-AC	8-channel DI module	Yes	Yes	Yes	None	GE10ATEX8112X
8113-DI-AC	8-channel DI module	Yes	Yes	Yes	None	GE10ATEX8113X
8114-DI-AC	8-channel DI module	Yes	Yes	Yes	None	GE10ATEX8114X
8115-DO-DC	8-channel DO module	Yes	Yes	Yes	None	GE10ATEX8115X
8116-DO-AC	8-channel DO module	Yes	Yes	Yes	None	GE10ATEX8116X
8117-DO-DC	8-channel DO module	Yes	Yes	Yes	None	GE10ATEX8117X
8118-DO-AC	8-channel DO module	Yes	Yes	Yes	None	GE10ATEX8118X
8119-VI-05	8-channel AI module	Yes [D]	Yes	Yes	None	GE10ATEX8119X
8121-DI-DC	16-channel DI module	Yes	Yes	Yes	None	GE10ATEX8121X
8122-DI-DC	16-channel DI module	Yes	Yes	Yes	None	GE10ATEX8122X
8123-PI-QU	2-channel pulse/quadrature input module	Yes	Yes	Yes	None	GE10ATEX8123X
8125-DI-DC	32-channel switch/proximity detector	Yes	Yes	Yes	None	GE10ATEX8125X
8127-DI-SE	32-channel switch/proximity detector with SOE	Yes	Yes	Yes	None	GE10ATEX8127X
8132-AI-UN	8-channel Isolated Universal AI, 4-20mA/THC/RTD/mV/V	Yes	Yes	Yes	None	GE10ATEX8132X
8139-SH-DC	126-channel Addressable Smoke and Heat	Yes	Yes	Yes	None	GE10ATEX8139X
8140-DI-AC	16-channel DI, 115Vac block isolated, sinking	Yes	Yes	Yes	None	GE10ATEX8140X
8142-DI-AC	16-channel DO, 12-42Vdc non-isolated, module-powered	Yes	Yes	Yes	None	GE10ATEX8142X
8201-HI-IS	8-channel AI module	Yes	Yes	Yes	BAS98ATEX7207U	GE10ATEX8201X
8202-HO-IS	8-channel AO module	Yes	Yes	Yes	BAS01ATEX7185U	GE10ATEX8202X
8204-AO-IS	8-channel AO module	Yes [E]	Yes	Yes	BAS98ATEX7205U	GE10ATEX8204X
8205-TI-IS	8-channel THC/mV input module	Yes	Yes	Yes	BAS99ATEX7316U	GE10ATEX8205X
8206-TI-IS	8-channel RTD input module	Yes [F]	Yes	Yes	BAS99ATEX7316U	GE10ATEX8206X
8215-DO-IS	4-channel DO module	Yes	Yes	Yes	BAS98ATEX7204U	GE10ATEX8215X
8220-DI-IS	16-channel DI module	Yes	Yes	Yes	BAS98ATEX7206U	GE10ATEX8220X
8223-PI-IS	2-channel pulse/frequency input module	Yes	Yes	Yes	BAS00ATEX7202U	GE10ATEX8223X
8230-AI-IS	8-channel AI module	Yes	Yes	Yes	BAS01ATEX7346U	GE10ATEX8230X
8810-HI-TX	8-channel Safety AI, 4-20mA	Yes	Yes	Yes	None	GE10ATEX8810X
8811-IO-DC	8-channel Safety Discrete Input/Output	Yes	Yes	Yes	None	GE10ATEX8811X

See notes at end of annex for details of EMC deviations A to F.

Field Terminals

Product	Description	EMC[1]	LVD[2]	ATEX[3]	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. Number[4]
8601-FT-NI	Field terminal, non-incendive, unfused	N/R	Yes	Yes	None	Simple Apparatus
8602-FT-ST	Field terminal, standard, unfused	N/R	Yes	N/R	None	Simple Apparatus
8603-FT-FU	Field terminal, non-incendive, fused	N/R	Yes	Yes	None	Simple Apparatus
8604-FT-FU	Field terminal, standard, fused	N/R	Yes	N/R	None	Simple Apparatus
8605-FT-TC	Field terminal, RTD	N/R	Yes	Yes	None	Simple Apparatus
8606-FT-RT	Field terminal, thermocouple	N/R	Yes	Yes	None	Simple Apparatus
8607-FT-TC	Field terminal, 8-channel with thermocouple	N/R	Yes	Yes	None	Simple Apparatus
8608-FT-NI	Field terminal, non-incendive, 8-channel	N/R	Yes	Yes	None	Simple Apparatus
8610-FT-NA	Field terminal, non-arcing, unfused	N/R	Yes	Yes	None	Simple Apparatus
8611-FT-FU	Field terminal, non-arcing, fused	N/R	Yes	Yes	None	Simple Apparatus
8612-FT-NA	Field terminal, non-arcing, 16-channel, block isolated	N/R	Yes	Yes	None	Simple Apparatus
8615-FT-4W	Field terminal, 4-wire transmitter	N/R	Yes	Yes	None	Simple Apparatus
8617-FT-NI	Field terminal, 16-channel	N/R	Yes	Yes	None	Simple Apparatus
8618_FT-MT	16-pin Mass Termination Assembly	N/R	Yes	Yes	None	Simple Apparatus
8619-FT-MT	44-pin Mass Termination Assembly	N/R	Yes	Yes	None	Simple Apparatus
8621-FT-IS	Field terminal, IS standard	N/R	Yes	Yes	BAS98ATEX7211U	Simple Apparatus
8622-FT-IS	Field terminal, IS loop	N/R	Yes	Yes	BAS98ATEX7211U	Simple Apparatus
8623-FT-IS	Field terminal, IS 16-channel	N/R	Yes	Yes	BAS98ATEX7211U	Simple Apparatus
8624-FT-IS	Field terminal, IS 16-channel DI	N/R	Yes	Yes	BAS98ATEX7211U	Simple Apparatus
8625-FT-IS	Field terminal, IS THC	N/R	Yes	Yes	BAS98ATEX7211U	Simple Apparatus
8626-FT-IS	Field terminal, IS RTD	N/R	Yes	Yes	BAS98ATEX7211U	Simple Apparatus

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BIMs and Controllers

Product	Description	EMC[1]	LVD[2]	ATEX[3]	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. Number[4]
8502-BI-DP	Profibus-DP BIM	Yes	Yes	Yes	None	GE10ATEX8502X
8505-BI-MB	Modbus BIM	Yes	Yes	Yes	None	GE10ATEX8505X
8507-BI-DP	Redundant Profibus MultiBIM	Yes	Yes	Yes	None	GE10ATEX8507X
8507-BI-MB	Redundant Modbus MultiBIM	Yes	Yes	Yes	None	GE10ATEX8507X
8510-MO-NS	Node Services Module	Yes	Yes	Yes	None	GE10ATEX8510X
8512-IF-HA	HART Interface Module	Yes	Yes	Yes	None	GE10ATEX8512X
8521 (all types)	Controller	Yes	Yes	Yes	None	GE10ATEX8521X
8851 (all types)	Controller	Yes	Yes	Yes	None	GE10ATEX8851X

Power Supplies

Product	Description	EMC[1]	LVD[2]	ATEX[3]	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. Number[4]
8910-PS-DC	Power supply, 18-36Vdc input	Yes	Yes	Yes	None	GE10ATEX8910X
8920-PS-DC	IS Power supply, 18-36Vdc input	Yes	Yes	Yes	BAS98ATEX7209U	GE10ATEX8920X

Carriers

Product	Description	EMC[1]	LVD[2]	ATEX[3]	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. Number[4]
8701-CA-BI	Redundant MultiBIM carrier	Yes	Yes	Yes	None	GE10ATEX8507X
8707-CA-08	8-module carrier	N/R	Yes	Yes	None	Simple Apparatus
8709-CA-08	8-module carrier, extended addressing	N/R	Yes	Yes	None	Simple Apparatus
8710-CA-04	4-module carrier	N/R	Yes	Yes	None	Simple Apparatus
8711-CA-NS	Node services carrier, screw terminal LAN	N/R	Yes	Yes	None	Simple Apparatus
8712-CA-NS	Node services carrier, sub-D terminal LAN	N/R	Yes	Yes	None	Simple Apparatus
8715-CA-BI	Universal BIM carrier	N/R	Yes	Yes	None	Simple Apparatus
8717-CA-PS	8910-PS-DC power supply carrier	N/R	Yes	Yes	None	Simple Apparatus
8718-CA-NS	BIM + node services module carrier	N/R	Yes	Yes	None	Simple Apparatus
8727-CA-08	IS 8-module carrier	N/R	Yes	Yes	BAS98ATEX7210U	Simple Apparatus
8720-CA-04	IS 4-module carrier	N/R	Yes	Yes	BAS98ATEX7210U	Simple Apparatus
8723-CA-RB	IS Railbus isolator carrier	N/R	Yes	Yes	BAS98ATEX7208U	Simple Apparatus
8724-CA-PS	IS carrier, IS module power supply	N/R	Yes	Yes	BAS98ATEX7209U	Simple Apparatus
8729-CA-08	IS 8-module carrier, extended addressing	N/R	Yes	Yes	BAS98ATEX7210U	Simple Apparatus
8750-CA-NS	Redundant AXE + PFM carrier	N/R	Yes	Yes	None	Simple Apparatus
8751-CA-NS	Controller carrier	Yes	Yes	Yes	None	GE10ATEX8751X

Carrier Extenders

Product	Description	EMC[1]	LVD[2]	ATEX[3]	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. Number[4]
8020-CE-RH	Carrier extender, right-hand	N/R	N/R	Yes	None	Simple Apparatus
8021-CE-LH	Carrier extender, left-hand	N/R	N/R	Yes	None	Simple Apparatus
8030-CE-RH	IS carrier extender, right-hand	N/R	N/R	Yes	BAS98ATEX7210U	Simple Apparatus
8031-CE-LH	IS carrier extender, left-hand	N/R	N/R	Yes	BAS98ATEX7210U	Simple Apparatus

Extender Cables

Product	Description	EMC[1]	LVD[2]	ATEX[3]	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. Number[4]
8001-CC-35	Carrier extension cable, 0.35m	N/R	N/R	Yes	None	Simple Apparatus
8002-CC-85	Carrier extension cable, 0.85m	N/R	N/R	Yes	None	Simple Apparatus
8003-CC-12	Carrier extension cable, 1.2m	N/R	N/R	Yes	None	Simple Apparatus
8004-CC-20	Carrier extension cable, 2.0m	N/R	N/R	Yes	None	Simple Apparatus
8005-CC-xxx	Carrier extension cable, various lengths	N/R	N/R	Yes	None	Simple Apparatus
8041-CC-35	Carrier extension cable, 0.35m	N/R	N/R	Yes	None	Simple Apparatus
8042-CC-85	Carrier extension cable, 0.85m	N/R	N/R	Yes	None	Simple Apparatus
8043-CC-12	Carrier extension cable, 1.2m	N/R	N/R	Yes	None	Simple Apparatus
8044-CC-20	Carrier extension cable, 2.0m	N/R	N/R	Yes	None	Simple Apparatus
8045-CC-xxx	Carrier extension cable, various lengths	N/R	N/R	Yes	None	Simple Apparatus
8010-CC-xxx	IS carrier extension cable, various lengths	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8011-CC-35	IS carrier extension cable, 0.35m	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8012-CC-85	IS carrier extension cable, 0.85m	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8013-CC-12	IS carrier extension cable, 1.2m	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8014-CC-20	IS carrier extension cable, 2.0m	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8015-CC-xxx	IS power extension cable, various lengths	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8016-CC-35	IS power extension cable, 0.35m	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8017-CC-85	IS power extension cable, 0.85m	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8018-CC-12	IS power extension cable, 1.2m	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus
8019-CC-20	IS power extension cable, 2.0m	N/R	N/R	Yes	BAS98ATEX7202	Simple Apparatus

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Other

Product	Description	EMC[1]	LVD[2]	ATEX[3]	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. Number[4]
8410-MO-PF	Node Services Power Fail Module	Yes	Yes	Yes	None	GE10ATEX8410X
8922-RB-IS	Railbus Isolator	Yes	Yes	Yes	BAS98ATEX7208U BAS98ATEX7202 (Note 5)	GE10ATEX8922X

Note: Compliance with the listed Directive(s) is believed to be accurate; however, compliance is verified by the marking on the unit itself.

Notes relating to CE Marking:

1 Entries in this column may be:

Yes Product conforms to the EMC Directive
N/R Product is not required to conform to the EMC Directive

Products marked with notes A to F in the EMC column deviate from EN 61326 as described below:

A. May show deviations of:
(i) Up to ±0.25% of span under the influence of a Radiated EM field (ref. EN 61000-4-3), and
(ii) Up to ±1.2% of span (up to ±2.8% of span for loop current <1mA) under the influence of a Conducted Disturbance (Ref. EN 61000-4-6)

B. May show deviations of:
(i) Up to ±0.5% of span under the influence of a Radiated EM field (ref. EN 61000-4-3), and
(ii) Up to ±1.0% of span under the influence of a Conducted Disturbance (ref. EN 61000-4-6)

C. May show deviations of:
(i) Up to ±0.5% of span for THC inputs and ±0.15% of span for mV inputs under the influence of a Radiated EM field (Ref. EN 61000-4-3), and
(ii) Up to ±0.4% of span for mV inputs with a Conducted RF field (ref. EN 61000-4-6)

D. May show a deviation of up to ±1.2% of span under the influence of a Conducted Disturbance (ref. EN 61000-4-3)

E. May show a deviation of up to ±100μA under the influence of a Radiated EM field (ref. EN 61000-4-3)

F. The unit may show the following deviations for specific ranges under the influence of Radiated EM fields (ref. EN 61000-4-3):
(i) 2000 Ω range: <0.3% of span
(ii) All lower ranges: < 0.15% of span

2 Entries in this column may be:

Yes Product conforms to the LVD Directive
N/R Product is not required to conform to the LVD Directive

3 Entries in this column may be:

Yes Product conforms to the ATEX Directive
N/R Product is not required to conform to the ATEX Directive

4 References in this column to 'Simple Apparatus' means that these products do not require ATEX Category 3 Certificates. Please refer to document GE8000.

5 The EC-type Examination Certificate (Cat1/Cat2 ATEX Certificate) for a PAC8000 node, consisting of various combinations of a Railbus Isolator, modules, field terminals, controllers, power supplies, carriers, etc is BAS98ATEX7202. There will only be one Railbus Isolator in this apparatus, so this carries the certificate number.

EC DECLARATION OF CONFORMITY

Notified Body responsible for Category 1 or 2 ATEX Certificates:

Baseefa
Rockhead Business Park,
Staden Lane,
Buxton,
Derbyshire,
SK17 9RZ.

Notified Body number 1180.

Notified Body responsible for ATEX QAN (Quality Assurance Notification) for Category 1 and 2 ATEX products:

FM Approvals Ltd.
1 Windsor Dials
Windsor
Berkshire
SL4 1RS

Notified Body number 1725

Revision History

Version	Date	Remarks
00	June 2009	Initial version
01	July 2010	Company name and logo was GE Fanuc Intelligent Platforms. Product family was 8000 Process I/O. ATEX Cat 3 Certificates were GEF08ATEX---- or GEF09ATEX----. EC-type Examination Certificate (Cat1/Cat2 ATEX Certificate) for the IS extender cables corrected, Certificate for PAC8000 Node added to Railbus Isolator, and Note 5 added. 8937-HN and 8939-HN deleted.
02	September 2011	8139-SH-DC added.