



PowerLogic ION update

ION8650 + ION7400

Sanjeet Sahota

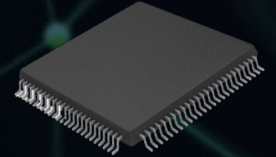
A dark, industrial scene at night. In the foreground, there is a large, multi-story industrial building with a complex metal framework. Two tall, cylindrical chimneys or smokestacks rise in the background, illuminated from below. The scene is dimly lit, with some lights visible on the building and chimneys, creating a somber and industrial atmosphere.

The Global Component Shortage Crisis

The Component Shortage

What Happened?

- Majority of shortages are occurring with IC's; standard components less affected
- Increased demand for IC's; shortage in raw materials



How Have We Responded?

- Increased supplier commitment requirements – secured stock of critical components
- Dedicated Engineering team to sourcing alternative

Lead Times

- Standard lead time right now is 28 weeks
- Working towards a back to normal in 2023; date TBD
- Increasing production +30% across all lines



Offer Updates



ION8650 V4.40.1

- Measurement Canada Approved
- Continued focus on securing and product robustness
- Removed support for Telnet and FTP – replaced by SSH and sFTP
- HTTP protocol moved to read-only – configuration support removed
- Fully developed under our new TUV Certified SDL process which includes exhaustive penetration testing and unit testing



Certificate



No.: 968/FSP 2315.00/22

Product tested	Edge IoT server	Certificate holder	Schneider Electric 2195 Keating Cross Road Saanichton, BC V8M 2A5 Canada
Type designation	EcoStructure™ Site Server		
Codes and standards	IEC 62443-4-1:2018 (Edition 1.0)		IEC 62443-4-2:2019 (Edition 1.0)
Intended application	The EcoStructure™ Site Server complies with the requirements according to IEC 62443-4-1 and Security Capability Level 1 (SL-C 1) for embedded devices according to IEC 62443-4-2.		
Specific requirements	The instructions of the associated User Manual released by manufacturer must be considered. The current versions of the product are specified in the currently valid Revision List. The Revision List is released by the manufacturer in cooperation with the certification body.		
Valid until	2027-02-15		

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2315.00/22 dated 2022-02-15.
This certificate is valid only for products which are identical with the product tested.

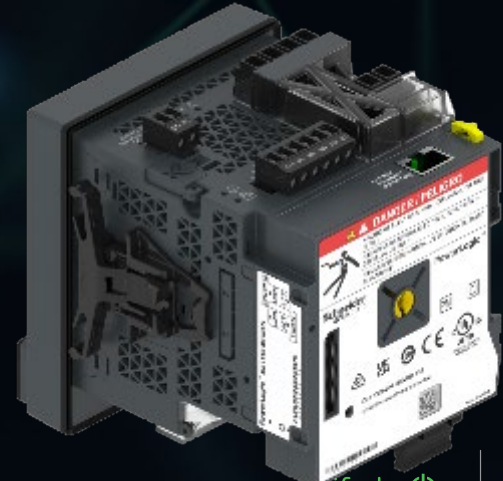
TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln



Köln, 2022-02-15
Certification Body Safety & Security for Automation & Grid Dipl.-Ing. Thomas Stellens

ION7400 V3.1.0

- Submitted for Measurement Canada Approval
- Added support for 2 new Modules
 - Fiber Ethernet Converter
 - 4 Wire RS-485 Modules
- Increased communication robustness over Modbus
- Removal of basic/standard security mode – meter will only support Advanced Security



Life Is On

Schneider
Electric

General Announcement

PME and ION Training Session – Toronto, ON

Dates: Week of May 8-12, 2023

Location: To Be Announced

Utility Open House Summit – Victoria, BC

Dates: Summer 2023 – TBC

Measurement Canada Updates

The background image is a dark, industrial scene at night. It features two prominent, tall, cylindrical smokestacks or chimneys in the center, each with a glowing top. To the left and right, there are complex structures of pipes, metal frameworks, and scaffolding, illuminated by various lights, creating a high-contrast, somewhat hazy atmosphere. The overall color palette is dominated by dark blues, greys, and blacks, with some warm yellow and orange highlights from the lights.

Measurement Canada Updates

Two New Applications Underway for ION8650:

- Cell Modem Communications – 4G/LTE Modem under glass option
 - Launch date and supported carriers to be determined still
 - Approval anticipated H1-2023
 - Will require V4.40.1
- Fiber Ethernet Communication – F1 communication card has been submitted
 - Approval anticipated in H1-2023
 - Will require minimum V4.20.1

Measurement Canada 10 Year Seal – Approved

- ION8650 received its approval for 10 Year Seal in 2021
- Thank you to all partners who supported this effort to make this possible

The Future



Next Generation of Utility Metering

Looking Beyond the ION8650



Next Generation of Utility Metering

Be a part of the development

- Opportunity to participate in product development demos and provide feedback
- Actively participate in helping define the story of the next product
- Potentially early access to hardware for pre-validation and early new feature testing
- Reach out to Eric Langford or myself if interested

A photograph of a man in a light purple shirt sitting at a desk in an office. He is smiling and looking towards the left. He has glasses on his head. In front of him is a laptop. To his right is a blue filing cabinet with a pen holder. The background is a blurred office environment with a window and some charts on the wall.

THANK YOU.

Life Is On

Schneider
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