

SMART METER GATEWAY SICONIA™ SMARTY IQ CC-CERTIFIED BY BSI

Hamburg, 30th September 2019

READY FOR ROLLOUT: THE SMART METER GATEWAY (SMGW) SICONIA™ SMARTY IQ FROM SAGEMCOM DR. NEUHAUS OBTAINS CC CERTIFICATION FROM THE GERMAN FEDERAL OFFICE FOR INFORMATION SECURITY (BSI). THUS, NUMBER TWO OF THE THREE SMGW MANUFACTURERS IN GERMANY REQUIRED FOR STARTING THE SMART METER ROLLOUT IS CERTIFIED.

On September 25, 2019, the Siconia™ SMARTY IQ gateway was officially certified according to the Common Criteria (CC) by the BSI. At the invitation of the BSI, the official certificate handover took place in Bonn on 30 September. "The smart meter gateway is one of the key technologies in the course of the German "Energiewende". Only if users in government, business and society can rely on the protection of their data will this digital transformation succeed and its potential be fully exploited. Medium-sized companies that invest in information security strengthen Germany as a business location and contribute to Germany's digital sovereignty with their innovations. The second certified smart meter gateway proves once again that innovative technologies and smart solutions can be developed in such a way that information security is guaranteed and the privacy of consumers is protected," explains BSI President Arne Schönbohm.

With the receipt of the CC certificate, the path to the nationwide smart meter rollout has now been further paved. The G1 gateway from Sagemcom Dr. Neuhaus receives a comprehensive certificate, which means that it can be used for up to eight years as required by law. In addition to the in-house gateway administration (GWA) system "Fröschl SMGWA", Sagemcom cooperates intensively with various relevant GWA software providers in terms of the interoperability of smart metering systems. The milestone "CC certification" underlines the good and focused cooperation of Sagemcom Dr. Neuhaus with its customers, partners and authorities.

With TAF 1, TAF 2, TAF 6 and TAF 7, the Siconia™ SMARTY IQ supports numerous tariff application cases that enable variable electricity tariffs according to customer requirements. The TAF 7 of the Sagemcom Dr. Neuhaus gateway in the LTE and GPRS product variants is characterized by a particularly economical use of the mobile data volume during metering data transmission as well as the safety-relevant TLS channel structure. In addition, the CLS interface of the SMGW can be used to implement various future-oriented application scenarios within the framework of control, regulation and switching operations (HKS 1, 4, 5).

End consumers enjoy maximum security, data protection and connectivity with the Smart Meter Gateway. As a secure communication unit, the Siconia™ SMARTY IQ SMGW is the key point of smart metering systems (iMSys) in Germany. Together with a digital electricity meter, such as the Siconia™ SMARTY BZ meter, the gateway forms the iMSys. While the meter electronically determines the power consumption, the SMGW connected to the meter safely sends metering values to authorized market participants, such as the metering point operator or the end consumer. The aim of an iMSys is to advance the digitization of the energy transition by intelligently linking energy generation and demand in the distribution network.



Figure 1: Certificate handover to Sagemcom Dr. Neuhaus GmbH (from left): Director Sales & Marketing Sagemcom Energy & Telecom Germany, Dr. Holger Graetz; Director Sales Sagemcom Fröschl, Alois Schmid; Managing Director Sagemcom Dr. Neuhaus and Sagemcom Fröschl, André Karnatz; Head of Product Management Sagemcom Dr. Neuhaus, Dirk Engel; BSI President Arne Schönbohm; BMWi Sub-Department Manager Beatrix Brodkorb and BNetzA President Jochen Homann. (image source: Bundesamt für Sicherheit in der Informationstechnik)



Figure 2: The BSI certified Smart Meter Gateway Siconia™ SMARTY IQ (image source: Sagemcom Dr. Neuhaus GmbH)

Further information:

www.sagemcom.com/smartmetergateway

www.sagemcom.com/zaehler

About Sagemcom

A French high-tech group of international dimensions, Sagemcom operates on the broadband (set-top boxes, multi-gigabit gateways), smart city and Internet of Things (founding member of LoRa Alliance) markets.

With a revenue of 2.1 billion euros, Sagemcom employs 5,500 people on five continents. Sagemcom aims to stay a world leader in communicating terminals with high added value.

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