

SMART METER GATEWAY 'SMARTY IQ' RECEIVES TYPE EXAMINATION CERTIFICATE

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THE SMART METER GATEWAY (SMGW) 'SMARTY IQ' FROM SAGEMCOM DR. NEUHAUS RECEIVES THE TYPE EXAMINATION CERTIFICATE OF THE NATIONAL METROLOGY INSTITUTE OF GERMANY (PTB). THIS CERTIFICATE PROVES THAT THE GATEWAY IS IN ACCORDANCE WITH THE PTB REQUIREMENTS 50.8 FOR SMGWs FOR LEGAL METROLOGY.

With the receipt of the type examination certificate Sagemcom Dr. Neuhaus has successfully reached one of the most relevant milestones on the way to the smart meter gateway certification according to the Common Criteria (CC) at the Federal Office for Information Security (BSI) in Germany.

As a part of the PTB's calibration verification procedure, the SMARTY IQ was, amongst other things, tested on the acquisition, processing and storage of measurement data as well as on relevant tariff applications. In addition, further metering system components were qualified according to PTB-A 50.8, such as the SMGW connection to a gateway administration software, the connection of the SMGW to a communication adapter as well as the measurement data visualization via the customer display software TRuDI, which enables the end user to perform an invoice verification via the connected SMGW.

"The type examination certificate of the PTB according to the so-called Module B proves that the SMARTY IQ fulfils the metrological and legal requirements for the rollout of smart metering systems in Germany. We are very pleased about the successful completion of the PTB procedure and would like to thank all our partners who supported us," explains Dirk Engel, Head of Product Management at Sagemcom Neuhaus GmbH. "In the next step, we expect to receive Module D qualifying the production of our plant in Rostock in line with the calibration law. This step is expected to be promptly followed by the CC certification by the BSI."

PTB-A 50.8 and CC certification are based on the law on the digitization of the energy transition. The aim of the energy transition is to link energy generation and consumption in the distribution network in a smart way in order to increase efficiency and comfort within smart grids. The focus is on the introduction of smart metering systems consisting of a so-called modern metering device, e.g. a digital electricity meter in combination with a smart meter gateway. The SMGW serves as a communication unit in the smart metering system, receiving and storing measurement data and sending it to authorized market participants, such as the metering point operator. Likewise, the measurement data of multi-utility meters (electricity, gas, water, heat) can be read out safely via the SMARTY IQ.

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 2.05 billion euros, Sagemcom employs 4,000 people on five continents. Sagemcom aims to stay a world leader in communicating terminals with high added value.

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