

## Rehearsal for the Smart Meter Rollout: innogy Metering and Sagemcom Dr. Neuhaus are testing the lifecycle process of smart meter gateways

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**INNOGY METERING IS CONDUCTING A LIFECYCLE TEST WITH TWO SICONIA™ "SMARTY IQ" SMART METER GATEWAYS MANUFACTURED BY SAGEMCOM DR. NEUHAUS. IN THIS SPECIAL TEST, BOTH THE METER OPERATOR AND THE MANUFACTURER CHECK THE REQUIREMENTS OF THE FEDERAL OFFICE FOR INFORMATION SECURITY (BSI) FOR SMART METER GATEWAYS.**

Meter operator innogy Metering and manufacturer Sagemcom Dr. Neuhaus complete the lifecycle test together as part of the BSI approval procedure for smart meter gateways (CC certification). The Assurance Life Cycle (ALC) test enables the gateways' lifecycle processes to be tested by connecting them to the real PKI (Public Key Infrastructure) system – from the secure supply chain to proper disposal.

"By conducting the lifecycle test with our partner innogy Metering, we are demonstrating our high standards of data protection and data security and, on the other, both companies are showing that they are ready for the smart meter rollout," reports Raik Handsche, key account manager at Sagemcom Neuhaus GmbH.

The starting point of the ALC test was the delivery of the Siconia™ "SMARTY IQ" gateways from Sagemcom Dr. Neuhaus' protected production area in Rostock. A Sagemcom team transported two pre-personalized devices in a high-security PIN-protected transport box of manufacturer Lock Your World and handed them over to the innogy Metering team in Essen.

The start of operation – also called personalization – of the devices will now be carried out via the gateway administration system of innogy Metering. "The ALC test with the gateways from Sagemcom Dr. Neuhaus is a very important step on our way to a smart meter rollout. It gives us the opportunity to test our processes and systems under real conditions. Among other things, we will implement tariffs (Tarifanwendungsfälle) on the gateways and test the metering data reception to the external market participant (EMT)," explains Stephan Rödiger, engineer for communication technology at innogy Metering. In addition, innogy Metering is also testing the over-the-air transmission of a firmware update, which will be particularly important in light of future requirements for the second-generation (G2) of smart meter gateways.



Figure 1: Sagemcom Dr. Neuhaus hands over the highly secure transport box with the smart meter gateways to innogy Metering (Source: innogy Metering GmbH)

#### 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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#### About innogy Metering

Innogy Metering GmbH, headquartered in Mülheim an der Ruhr, combines the know-how and all the functions of classic metering and smart metering. The company is competence center of this important technical area and business division. innogy Metering is active in the fields of meter management and meter data management, metering point operation and metering services. The company is responsible for 4.6 million electricity, gas and water meters.

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