



PRESS RELEASE

Investing in Energy Efficiency: CISC extends activities towards smart access to the Energy Grid

Klagenfurt/Austria - August 31, 2011. CISC Semiconductor GmbH starts into research and development phase of the European ARTEMIS Joint Undertaking project "Internet of Energy for Electric Mobility" (IoE) - officially started in May 2011 - and hence broadens its activities towards developing a way of accessing the Energy Grid.

The IoE research project aims to develop hardware, software and middleware for seamless, secure connectivity and interoperability achieved by connecting the Internet with the energy grids. The application of the IoE will be the infrastructure for the electric mobility.

A total budget of around 45 Million Euro will be jointly invested by CISC and its 41 partners (industrial companies, research institutions and universities) from 10 European Countries within the next three years to provide solutions for access to and optimization of energy management for the Energy Grid. The project is funded by the ARTEMIS Joint Undertaking and the national public funding agencies from the respective partners (for CISC in Austria the Austrian Research Promotion Agency FFG).

This so called "Smart Energy Grid" will build the infrastructure for electric mobility based on renewable energy resources by allowing the connection of power network devices and loads to any source of energy (solar, wind or hydro) with the purpose of personalized secure recharging, recuperation and making the energy networks more efficient.

CISC Semiconductor will develop intelligent interfaces between the energy grid and the Internet, to link energy producers, suppliers and consumers alike. The core part of CISC's interfaces will build an identification platform that enables personalized secure access to the Smart Energy Grid and automatic invoicing by using secure identification technology with e.g. a Smartphone, where CISC experts can draw on many years of profound knowledge regarding secure wireless identification.

Having the security issue of wireless access to the smart energy network in mind, Josef Preishuber-Pflügl RFID+RFComm BU Manager at CISC Semiconductor and professional for international Standards states: "The knowledge and expertise in terms of standardization gives us the opportunity to professionally deal with any security questions that might appear and will be highly beneficial not only for our objective, but for the project as a whole." Furthermore, Dr. Markus Pistauer, CEO of CISC Semiconductor adds: "We are proud to play here an important part, as advanced security and privacy technology provided by us will take the smart grid another big step into the future."

About CISC Semiconductor

CISC Semiconductor Design+Consulting GmbH is a design and consulting service company for industries developing embedded microelectronic systems with extremely short Time-To-Market cycles. Our core competences are: System design, modeling, simulation, verification and optimization of heterogeneous embedded microelectronic systems with a particular focus on Automotive and RFID systems. CISC Semiconductors customers are represented in the Semiconductor, Automotive and RFID industry.

The main office of CISC Semiconductor Design+Consulting GmbH is situated at the Lakeside Science & Technology Park in Klagenfurt, Austria.

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