



Sagemcom and IoTecha pioneer the next phase evolution for the Behind the Meter Ecosystem

Bois-Colombes, France and Cranbury, February 12th, 2024

As the global electric vehicle (EV) revolution continues and the adoption of EVs continues to accelerate, the electrical grid is starting to experience the impact of these new distributed loads on grid infrastructure. The electrical grid was not designed to support mobile loads, which can be unpredictable. How can Smart Charging and vehicle-to-grid integration (VGI) technology mitigate this impact and instead become a key asset for grid stability?

The Enlit Europe 2023 conference in Paris, France focused on the development of a “decarbonized and digitalized energy system for the energy transition.” Integral to this effort is the growing importance of the behind-the-meter ecosystem, which has emerged as the foundation for effectively managing the growing demand for electricity. In fact, behind-the-meter energy resource detection where power consumption and power injection are estimated, can serve as a key instrument in aiding grid stabilization and optimizing the utilization of renewable power sources.

Sagemcom and IoTecha presented their joint vision to accelerate VGI and Vehicle-to-Grid (V2G) technology adoption by facilitating grid integration through the bidirectional Advanced Metering Infrastructure (AMI) and alternative over-the-top pathways. Sagemcom and IoTecha lay the groundwork for a seamless and interconnected system that benefits both EV owners and the broader behind-the-meter energy detection and approximation.

“By identifying and reporting the energy resources behind-the-meter, consumers can have more control over when to export renewable energy instead of consuming it and utility companies can structure different services to give consumers more personalized energy reduction recommendations,” said Eric Rieul CEO of Sagemcom Energy and Telecom”.

“With the rapid adoption of electric vehicles and their growing impact on the electric grid, it has become clear that the behind-the-meter ecosystem will play a vital role in the sustainable future of e-mobility and power distribution,” said Oleg Logvinov, CEO of IoTecha. “Our collaboration with Sagemcom leverages our respective strengths in standard-based and secure communication and showcases how the EV charging infrastructure and the power infrastructure can seamlessly integrate to benefit end users and the grid”.

Sagemcom

Integrating the Smart Metering and Smart Charging ecosystems enables the development of more efficient, cost-effective, and intelligent local energy management tools. It also supports the implementation of innovative use cases with direct benefits to end-users and the creation of large pools of resources that can be aggregated to support the grid.

Together and by combining their unique expertise, Sagemcom and IoTecha are facilitating the broader goals of grid stabilization and maximization of renewable energy usage. Together, Sagemcom and IoTecha are paving the way for a fully electrified transportation and a world successful at mitigating the global climate challenge.

About Sagemcom

Thanks to the innovative solutions designed and built by our people, Sagemcom provides access to broadband Internet, entertainment and managed energy supply to the greatest number all over the world.

As a “mission-driven company” since January 2022, Sagemcom makes sure that the design, construction and use of these solutions are sustainable, and fulfil the environmental and societal commitments that are known and shared by all our employees, partners and stakeholders. Sagemcom is the world leader in Broadband products and solutions, and the European leader in smart metering.

www.sagemcom.com // <https://www.linkedin.com/company/sagemcom> // www.facebook.com/SagemcomOfficial // <https://twitter.com/Sagemcom> // https://www.instagram.com/sagemcom_inside

Press Contact:
presse@sagemcom.com
Sylvaine Coulerur