



Itron and CHINT Global Lead Industry with First Smart Meter Based on the DLMS Generic Companion Profile (GCP) Standard

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Early Adopters of GCP Standard Advance Interoperability, Expanding Choices for Utilities and Meter Vendors

LIBERTY LAKE, Wash., March 13, 2025 (GLOBE NEWSWIRE) -- Itron, Inc. (NASDAQ: ITRI), which is innovating new ways for utilities and cities to manage energy and water, and [CHINT Global](#), a global metering solutions provider with regional headquarters in Singapore, have introduced the first residential electric smart meter based on the [DLMS User Association's AC Electricity Smart Meter \(ACESM\) Generic Companion Profile \(GCP\)](#) standard. With this collaboration, the companies are advancing interoperability and streamlining multi-vendor solution integration for the global utility market. The GCP-compliant meter is now available globally.

The GCP standard ensures interoperability across smart metering technologies and enables a comprehensive range of smart grid use cases and functionalities. By aligning with this standard, Itron and CHINT Global enable utilities to adopt smart meters more quickly, reducing integration and deployment costs and ensuring consistent execution of smart metering use cases. By providing a standardized framework, the GCP standard eliminates the need for costly, custom-built interfaces, enabling a more efficient and scalable approach to Advanced Metering Infrastructure deployments.

The GCP-compliant meter features an Itron Gen5 network interface card (NIC) embedded in a CHINT electric meter. This integration was achieved through collaboration between Itron and CHINT Global, leveraging Itron's Meter Integration Services alongside CHINT Global's expertise in meter development. Itron supported the integration process by providing a comprehensive suite of tools, templates and expert guidance. The solution underwent rigorous testing and validation in professional laboratories, ensuring high-performance and reliability. With this collaboration, Itron and CHINT Global drive innovation in the smart metering industry, contributing to a more connected and efficient energy ecosystem. Itron's Meter Integration Services are field-proven and tested with over 40 million smart meters deployed by more than 10 vendors across 50 different meter types.

"Itron is at the forefront of advancing interoperability and ensuring utilities worldwide can transition to a more standardized, efficient and scalable ecosystem. The GCP framework is a major step toward industry-wide standardization, enabling a more unified, scalable approach to smart metering," said **John Marcolini, senior vice president of Networked Solutions at Itron**. "Over the past year, Itron has worked closely and in parallel with DLMS in the development of the GCP framework, and we are proud to be at the forefront of its adoption with our partner CHINT Global."

"As utilities worldwide accelerate their efforts to modernize smart metering infrastructure, adopting a unified, standards-based framework is becoming increasingly critical. Standardization not only simplifies integration but also enhances interoperability, scalability and long-term operational efficiency. The industry is shifting toward greater synergy in metering technologies, and GCP stands out as the ideal solution for streamlining meter-to-cash processes, ensuring reliability and future-proofing utility investments," said Lisa Wu, Deputy General Manager, Head of Asia Pacific Meter Sales, CHINT Global.

To learn more about DLMS UA Generic Companion Profiles, see [Itron's DLMS COSEM white paper](#).

Learn More at DISTRIBUTECH 2025

For more information, visit Itron at DISTRIBUTECH 2025, March 24-27, in booth #3008 at the Partner & Ecosystem station.

About Itron

Itron is a proven global leader in energy, water, smart city, IIoT and intelligent infrastructure services. For utilities, cities and society, we build innovative systems, create new efficiencies, connect communities, encourage conservation and increase resourcefulness. By safeguarding our invaluable natural resources today and tomorrow, we improve the quality of life for people around the world. Join us: www.itron.com.

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For additional information, contact:

Itron, Inc.

Alison Mallahan
Senior Manager, Corporate Communications
509-891-3802
PR@itron.com

Paul Vincent
Vice President, Investor Relations
512-560-1172
Investors@itron.com

Itron, Inc.

- LinkedIn: <http://www.linkedin.com/company/itroninc>
- X: www.x.com/itroninc
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