

CharIN, Irdeto and UL Solutions announce partnership to roll out Plug and Charge in Europe.

Berlin (July 12, 2022) - The Charging Interface Initiative e.V. (CharIN e.V.), Irdeto, the world leader in digital platform cybersecurity, and UL Solutions, a safety, security and sustainability company, today announced their collaboration on the implementation of a Public Key Infrastructure (PKI) to enable Plug and Charge.

The PKI shall ensure secure authentication and authorization through certificate management and therefore, serves as pre-requisite for the Plug and Charge functionality in accordance with the standard ISO 15118. CharIN will offer the required PKI services as the highest trust certificate authority in collaboration with Irdeto and UL Solutions.

The project known as [Plug and Charge Europe](#) was launched last year in March by the commitment of 14 cross-industry companies within the CharIN community. Current members include BMW AG, bp, ElaadNL, EDF, EVBox, IBIL, Ingeteam, Groupe Renault, Shell Global Solutions Deutschland GmbH, Stellantis, TotalEnergies, Tritium and Volkswagen AG. The main objective to implement a PKI accepted throughout the industry shall be achieved by September of this year when the environment is planned to go into operation. Thereby, CharIN will offer two versions of the system to its subscribers, based on the current standard ISO 15118-2 and the updated standard ISO 15118-20.

In addition to the PKI implementation itself, “Plug and Charge Europe” has defined, among other things, an organizational model and Terms & Conditions to ensure a high level of fairness and openness across all stakeholders in the market through transparent steering of CharIN’s PKI activities. The commercial and technical guidelines which apply to all participating parties as well as the product offering will be published on the [homepage](#).

Parts of the operative governance of the CharIN PKI will be taken over by the current Plug and Charge Europe project team. The P3 Group and tinqplus GmbH are supporting the project with their technical and project management expertise.

About CharIN e.V.

The Charging Interface Initiative e.V. (CharIN e.V.) is a registered association with over 280 members along the whole value chain from all over the world. It is open to all interested parties and has offices in Germany, Hong Kong, China, South Korea, India, Japan and the US.

Please find more information at: www.charin.global

About Irdeto

Irdeto is the world leader in digital platform cybersecurity, empowering businesses to innovate for a secure, connected future. Building on over 50 years of expertise in security, Irdeto’s services and solutions protect revenue, enable growth and fight cybercrime in video entertainment, video games, and connected industries including transport, health and infrastructure.

Please find more information at: www.irdeto.com

About UL Solutions

A global leader in applied safety science, UL Solutions transforms safety, security, and sustainability challenges into opportunities for customers in more than 100 countries. UL Solutions delivers testing, inspection and certification services, together with software products and advisory offerings, that support our customers' product innovation and business growth. The UL Certification Marks serve as a recognized symbol of trust in our customers' products and reflect an unwavering commitment to advancing our safety mission.

From the adoption of electrification to the enablement of 5G and new mobility, we collectively look toward new frontiers, working for a safer world. Our science is your advantage.

Please find more information at: www.ul.com

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