

PRESS RELEASE

Certification tool for Smart City Protocol approved

Recent plug fest anticipates TALQ Certification of various Smart City Applications

Piscataway, NJ, USA/Valencia, Spain – July 26 2019 – The TALQ Consortium has completed the first TALQ version 2.0 plug fest to verify interoperability of multiple smart city sensors and controllers with Central Management Software (CMS) from various vendors forming the first part of the official certification process. In total 14 companies attended the event which comprised testing sessions to analyze and assure compatibility of the different systems and a developers' workshop for those still working on their implementations. By doing so, the stable and extensive functionality of the Test Tool was verified and allows version 2.1.0 to be officially released. The Consortium expects eleven products (CMS and gateways) to be certified as TALQ-compliant by the end of July 2019.



Smart cities strive for open systems with a high level of interoperability between various vendors, to avoid being locked into proprietary systems. In future they may also need several smart city vertical applications to be controlled within a single central management software. These factors have driven the TALQ Consortium to develop the Smart City

Protocol to unify systems from multiple suppliers addressing a range of smart city use cases. A carefully developed testing procedure with the support of a digital Test Tool Suite allows the Consortium to verify that single products can be certified as TALQ-compliant.

The latest plug fest was held in the Engineering campus of the University of Valencia, Spain, from July 9 - 11. It was attended by 14 members of the consortium of which ten brought complete systems (CMS and gateway products) to be assessed for TALQ Certification. The other four companies attended a developers' workshop to get advice for their partial implementations and to gain experience of pairing them with other systems.



Approval of the Certification Test Tool

The event was very successful with the certification tool being confirmed as a suitable means of product certification. The results from the Test Tool, submitted by members prior to the plug fest, were in agreement with the results of the real pairings during the plug fest. Pending a detailed inspection of the log files taken during the plug fest, it appears that all features exercised in the pairings during the plug fest will be considered to be 'released' for future versions of the test tool. As a consequence, the tool has been promoted from its beta version to the formal release version 2.1.0.

"We expect most of the eleven products present at the plug fest to be formally certified by the consortium's Certification Workgroup before the end of July. We were able to exercise a large variety of pairings among four CMS and seven gateway implementations to review their compatibility across both mandatory and optional functions." reports Simon Dunkley, Secretary General for the TALQ Consortium. "It was a great opportunity to bring together many developers working in the smart city domain, and to share experience and insights."

Print-ready images are available for download at <https://www.talq-consortium.org/news/presskit/>

Trade Show Calendar

smartcityexpo 2019, Nov 19-21, 2019 in Barcelona, Spain – **booth A114**.

About the TALQ Consortium:

Founded in 2012, the TALQ Consortium is establishing a globally accepted standard for management software interfaces to control and monitor heterogeneous smart city applications. The TALQ Smart City Protocol is a specification for information exchange, suitable for implementation in various products and systems. This way interoperability between Central Management Software (CMS) and Outdoor Device Networks (ODN) from different vendors will be enabled, such that a single CMS can control different ODNs in different parts of a city or region.

TALQ is an open industry consortium currently consisting of the following member companies: citelum Citégestion, Current – powered by GE, HEI Technology International, Itron, Schröder, Telensa, Trilliant, UVAX Concepts, BEGA, Bouygues, BeeZeeLinx, CAOS Computersoftware, CAPELON, CGI, Dhyan, DimOnOff, efacec, Flashnet, Future Intelligence, infomir, IoT Sense, LACROIX, LED Roadway Lighting, Lucy Zodion, Luxsave, Mayflower Complete Lighting Control, novaccess, OMA Lighting, Paradox Engineering, Reverberi Enetec, SELC Ireland, SICOM, smartnodes, Telematics Wireless, TVILIGHT, UMPI, Unicoba Energia, WAVENET, WITTI, zumtobel group.
For more information visit www.talq-consortium.org

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