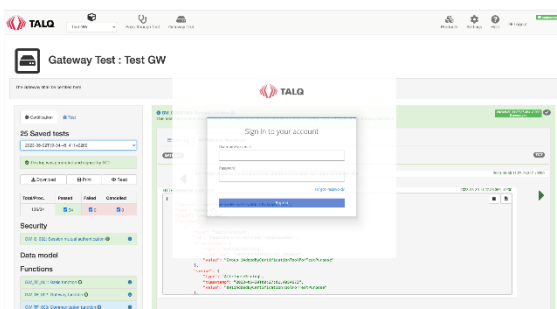# TALQ Increases Security for its Certification Process

An online test tool assures save certifications for TALQ-compliance

Piscataway, NJ, USA– September 7, 2023 – The TALQ Consortium, which developed the Smart City Protocol, a global interface standard for smart city applications, adds more security to its certification procedures. For several years already, a rigorous certification process has enabled TALQ-compliant products to be interoperable with one another. Furthermore, only official listing on the consortium's website proves that the TALQ Specification has been implemented in a product and so has been officially certified. Now, an online version of the TALQ Certification Tool (TCT), replacing the stand-alone software, will bring the overall process reliability to a new level. Cities asking for TALQ-compliant systems in their tenders can rely on an even more robust and fraud resistant certification process.

Since 2017 the Consortium has verified and awarded TALQ-compliance to manufacturers that implemented the TALQ interface standard successfully into their systems, thereby enabling interoperability with systems from different vendors. A core component of the strict certification procedure is a test tool suite – called TALQ Certification Tool (TCT) – that examines the correct implementation and functionality by testing a number of smart lighting and other smart city use cases. Thanks to the TCT, every member can – in confidence – gain experience, experiment and test their own TALQ integrations for as long and as often as they want. In doing so, companies can make sure that their products can interoperate with other systems and can test whether they are ready for certification.

Enabling Interoperability and Protecting the Certification Process

The tool itself, with its vast feature set - which is being continuously enlarged and updated according to new requirements - is an important asset for the consortium. With the new online version, the TCT (and its binary code) will be

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protected from potentially malicious use and from third parties. This is why cities and other end users, like utilities, can fully rely on TALQ-certified products. The online version also ensures that every member always has access to the latest version of the TCT and is thereby able to integrate the latest profiles and newest smart city applications use cases into products under development. TALQ members have cost-free 24/7 access to the test tool.

"We are proud to continue our efforts encouraging more interoperability in across all aspects of smart cities by standardising interfaces between systems. To continue to be a reliable partner for cities, our focus is not only on the interface standard itself, which is evolving with changing market needs, but also the evaluation and certification process which is being continuously improved too.", explains Simon Dunkley, Secretary General of the TALQ Consortium.

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

About the TALQ Consortium: Founded in 2012, the TALQ Consortium has established 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 is 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 more than 50 member companies.
For more information visit www.talq-consortium.org

Certified TALQ-Compliant Products (TALQ Version 2):

Central Management Software (CMS):
- AUGE from Algorab, Italy
- CityLinx from BeeZeeLinx, France
- City Vision from Capelon, Sweden
- IBOR from CGI, the Netherlands
- MUSE from Citégestion, France
- Light Control CMS from Datek, Norway
- inteliLIGHT CMS from Flashnet, Romania
- Luminizer IoT from IoT Labs, Norway
- SLV CMS from Itron, USA
- SmartLinx CMS from LED Roadway Lighting, Canada
- Luminizer from Luminext, The Netherlands
- LuxSave Streetlight CMS from LuxSave, Sweden
- PE Smart CMS Neptune from Paradox Engineering, Switzerland
- LightingGale from Quantela, USA
- EXEDRA from Schréder, Belgium
- CityMESH CMS from SICOM, Chile
- PLANet Telensa from Signify, The Netherlands
- Starfire SLMS from Starfire, Hong Kong
- BrightCity from ST Engineering Telematics Wireless, Israel
- TelChina from TelChina, China

- CityManager from TVILIGHT, the Netherlands
- Smart Firefly from Uvax, Spain

Outdoor Device Network (ODN) / Gateway:
- GridLight from Amplex, Denmark
- Citybox from Bouygues, France
- DLC Gateway IoT from Datek, Norway
- Flashnet IoT platform from Flashnet, Romania
- RFLight2 from Hispaled, Spain
- SELC Gateway from Itron, USA
- SLV Gateway from Itron, USA
- SmartNodes solution from LACROIX City, Belgium
- Tegis from LACROIX City, France
- SmartLinx Gateway from LED Roadway Lighting, Canada
- Leotek TALQ Gateway from Leotek, USA
- Ki from Lucy Zodion, United Kingdom
- LuxSave Streetlight GW form LuxSave, Sweden
- MOONS'_Gateway from MOONS', China
- WixLi Portal GW from NEXIODE, France
- Novaccess Smart City Platform from Novaccess, Switzerland
- PE Smart GW from Paradox Engineering, Switzerland
- NearSky from Quantela, USA
- Requea Gateway from REQUEA, France
- DIMmy-web from Revetec, Italy
- EXEDRA from Schréder, Belgium
- Owlet IoT from Schréder, Belgium
- Citygrid TALQ Gateway from Seneco, Denmark
- CITY GATEWAY from SICOM, Chile
- Interact City from Signify, the Netherlands
- AGIL IoT Platform from ST Electronics (Info-Comm Systems), Singapore
- T-Light Gateway from ST Engineering Telematics Wireless, Israel
- Trilliant TALQ Gateway from Trilliant, Canada
- UbiVu from Ubicquia, USA
- ANDROS LIVE from UMPI, Italy
- NEOS from Urbioled, Romania
- CA-13 from Uvax, Spain
- HERMES 180x Gateway from Witti, France