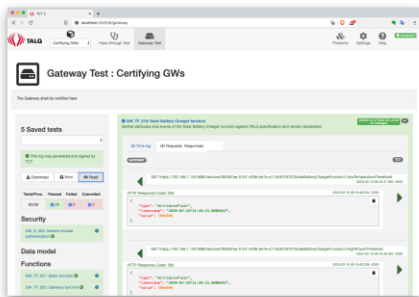


PRESS RELEASE

## **TALQ Integrates Further Smart City Features**

The updated TALQ Specification 2.2.0 includes additional functions in the protocol standard

**Piscataway, NJ, USA– April 27, 2020 – The TALQ Consortium, which has developed a global interface standard for managing street lighting networks and other smart city applications, has released and approved a new version of the TALQ Specification, 2.2.0; an updated version of the Certification Test Tool was also released. All the changes and added features are backward compatible with the former 2.1.0 release, guaranteeing reliable interoperability of all certified TALQ-compliant products certified against any TALQ 2 version.**



The range of smart city applications in which local authorities are investing is wide. The solutions include outdoor lighting as well as waste, parking and traffic management, E-Mobility, environmental sensors and various other public services. Currently, eighteen products of ten different manufacturers have been certified as TALQ-

compliant. All of them target easing investment decisions of cities by enabling interoperability, which in turn fosters competition and allows purchasers of fixed installations to invest in open systems to guarantee future-proof solutions.

To keep the software protocol up-to-date, the Technical Work Group and the Requirements Work Group within the consortium continuously review and expand the functions supported by the protocol. Member companies can suggest and request additional features to be included in the protocol to reflect the functionality offered by their own systems. Version 2.2.0, approved by TALQ Steering Committee, embraces a bundle of new features.

### **Novel, integrated smart city features**

Of the numerous new features that have been added to the Specification, the functions related to smart cities applications are of particular interest. Some of them, for example, provide statistics on the number of vehicles passing on a road, detect changes in asset location or identify and record asset orientation changes. Some others are more related to metering, e.g. filling



levels of containers or fluid levels in gullies, lakes, tanks, or wherever. Yet further functions are related to energy and battery levels: monitoring charging and discharging; or managing solar panels such as those used for public transit information, traffic control, public security (CCTV) and many others. All of these additional features are backward compatible with the previous 2.1.0 release.

“The integration of smart city applications in a former pure lighting standard has become reality and shows the significance of the TALQ protocol as a future-proof global standard. But other interesting capabilities have also been added to the Certification Tool, for example, supporting multiple profiles in one certified product and a new command line version of the tool, which eases its integration in a CI/CD software development system” explains José Sanchis, Chairman of the Certification Work Group.

Version 2.2.0 is now the new official TALQ version.

**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 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 more than 40 member companies. For more information visit [www.talq-consortium.org](http://www.talq-consortium.org).

#### **Certified TALQ-Compliant Products (Version 2):**

Central Management Software (CMS):

- CityLinx from BeeZeeLinx, France
- City Vision from Capelon, Sweden
- SLV CMS from Itron, USA
- SmartLinx from LED Roadway Lighting, Canada
- LuxSave Streetlight CMS from LuxSave, Sweden
- CityMESH CMS from SICOM, Chile
- Smart Firefly from Uvax, Spain

Outdoor Device Network (ODN) / Gateway:

- Citybox from Bouygues, France
- Flashnet IoT platform from Flashnet, Romania
- SLV Gateway from Itron, USA
- Ki from Lucy Zodion, United Kingdom
- Owlet IoT from Schréder, Belgium



- CITY GATEWAY from SICOM, Chile
- Access Point System from Smartnodes, Belgium
- Sustainer Brokerage Layer from Sustainer, The Netherlands
- Trilliant TALQ Gateway from Trilliant, Canada
- CA-13 from Uvax, Spain
- Wittl TALQ Gateway from Wittl, France

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