

PRESS RELEASE

Improved Manageability for Smart Outdoor Lighting

TALQ Consortium releases version 2.5.0 of the Smart City Protocol

Piscataway, NJ, USA– May 3, 2023 – The TALQ Consortium, which developed the Smart City Protocol, a global OpenAPI interface standard for smart city device networks, has published version 2.5.0 of the protocol. The continuous evolution of the protocol guarantees the adaptation of the interface standard to changing market needs. Version 2.5.0 introduces a new Lighting Asset Management profile, which addresses a long-standing demand from cities to be able to manage and track their street lighting assets more effectively. The latest TALQ protocol (both data model and API definitions) is available publicly and free-of-charge on GitHub.



For quite some time streetlighting managers from various cities worldwide have expressed a need to track and manage their lighting assets more effectively. To fulfill this demand, TALQ Consortium members worked collaboratively with end-customers to define a

new profile. This profile includes a new entity, the TALQ Type, and a related service for managing it. The TALQ Type is designed to manage data common to many devices, while a newly added concept of asset functions enables data specific to a particular device to be managed. Both Type and asset functions have been created to model the street lighting assets like luminaires, drivers, controllers and brackets in the ODN (Outdoor Device Network) and in the CMS (Central Management Software) of a city.

By investing in any TALQ-certified smart city application, cities can avoid vendor-lock-in and can rely on data interoperability when monitoring and controlling devices in heterogenous smart city ecosystems.

“While the main aim of the TALQ standard remains the same, we are proud to continue to provide innovative solutions that address the demands of the

smart city market, and we look forward to seeing the new Lighting Asset Management profile in action.” comments Simon Dunkley, Secretary General of the TALQ Consortium, on the new release.

The 2.5.0 version of the Smart City Protocol standard is available to software developers for download on GitHub.

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):

- 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 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 Schröder, 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
- Welight Manager from Wellness TechGroup, Spain

Outdoor Device Network (ODN) / Gateway:

- 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
- Ki from Lucy Zodion, United Kingdom
- LuxSave Streetlight GW from LuxSave, Sweden
- Mayflower from Mayflower SSE, United Kingdom
- 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 Schröder, Belgium
- Owlet IoT from Schröder, 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
- LwM2M TALQ Gateway from Urban Control, United Kingdom
- CA-13 from Uvax, Spain
- Wittl TALQ Gateway from Wittl, France

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