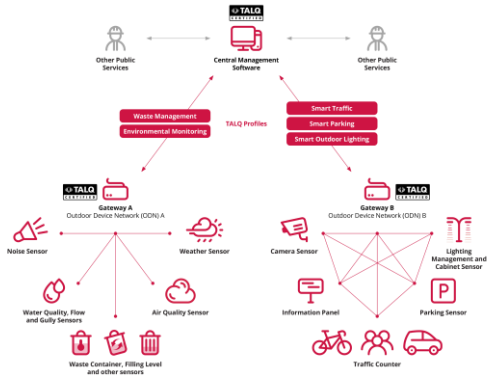
PRESS RELEASE

Increased Interoperability for Smart Parking, Traffic and Environmental Monitoring

TALQ Consortium publishes version 2.4.0 of the Smart City Protocol

Piscataway, NJ, USA– February 17, 2022 – The TALQ Consortium, which developed the Smart City Protocol, a global OpenAPI interface standard for smart city device networks, has published a new version of the protocol. With the release of the Specification version 2.4.0 the evolution of the software protocol continues and several new profiles, like environmental monitoring, smart parking and traffic, have been included. The latest TALQ protocol 2.4.0 (both data model and API definitions) is available publicly and free-of-charge on GitHub. All updates aim to enable interoperability of different systems and, with this, ease investment decisions for smart cities.



The TALQ Consortium has updated its GitHub repository to share the latest protocol version 2.4.0 within the smart city community. The new protocol release includes three new smart city profiles, which were chosen and prioritized by the TALQ member companies. Now the TALQ Specification includes additional profiles for environmental monitoring, smart parking and smart traffic management.

Smart mobility and sustainability in smart cities

In reference to environmental monitoring, the new profile functions allow TALQ implementers to model their individual solutions to monitor noise, atmospheric values, wind, precipitation, irradiation, clouds, water flow, water quality, gas, and other values. Other existing functions within the specification, such as the particulate matter sensor function, have been improved by extending them with more properties. In this way, the latest protocol version 2.4.0 is a very valuable step forward to stimulate environmental protection and sustainability in smart cities.

Relating to the new traffic and parking profiles, the latest TALQ protocol offers new functions not only to monitor traffic density and parking occupancy with sensors and cameras, but also capabilities to control information panels related to these verticals.

The continuous enrichment and evolution of the protocol ensures that all important aspects of smart city services will be covered and included. By choosing TALQ-certified smart city applications, cities can avoid vendor-lock-in and be assured of the interoperability of systems from different manufacturers.

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 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 about 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
- StreetMan from Dhyan, USA
- inteliLIGHT CMS from Flashnet, Romania
- SLV CMS from Itron, USA
- SmartLinx from LED Roadway Lighting, Canada
- 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
- 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
- Flashnet IoT platform from Flashnet, Romania
- 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 form LuxSave, Sweden
- Mayflower CMS incorporating TALQ Gateway from Mayflower, United Kingdom

- WixLi Portal GW from NEXIODE, France
- PE Smart GW from Paradox Engineering, Switzerland
- NearSky from Quantela, USA
- Requea Gateway from REQUEA, France
- EXEDRA from Schréder, Belgium
- Owlet IoT from Schréder, Belgium
- 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
- CA-13 from Uvax, Spain
- Witti TALQ Gateway from Witti, France

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