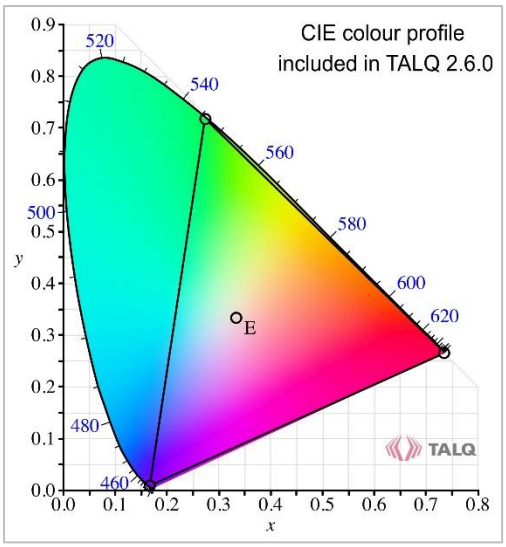
PRESS RELEASE

New Version Brings More Control and Colour in Smart Outdoor Lighting

TALQ Consortium released version 2.6.0 of the Smart City Protocol

Piscataway, NJ, USA– April 12, 2024 – The TALQ Consortium has released a new version 2.6.0 of its Smart City Protocol, a global interface standard for smart city device networks. Continuous evolution of the protocol ensures the interface standard constantly adapts to changing market needs. Version 2.6.0 introduces a new Cabinet Control profile, an extension of active periods and new commands for colour lights – the latter being aligned with the DALI-2 (IEC 82386) Part 209 definition. As before, the updated TALQ protocol (both data model and OpenAPI definitions) is available publicly and free-of-charge via GitHub.



Analysing and prioritising members', partners' and customers' feedback to refine and improve the protocol is an ongoing process within the consortium. Therefore, TALQ has added several new functionalities and some minor corrections with the goal of improving and simplifying its use.

The highlight of this release is the introduction of the TALQ Cabinet Control profile, a comprehensive extension that integrates both existing and novel functions. The new cabinet control profile improves interoperability between systems when dealing with lighting cabinet control, allowing for segmented control of lights.

Another significant enhancement in version 2.6.0 is the extension of active periods from the 'Control Service' into the 'Data Collection Service'. This extension enables users to limit data recording to specific periods, utilising parameters such as astro-clock times, fixed times or sensor outputs. This flexibility adds a new layer of customisation, catering to diverse needs and preferences.

Furthermore, the new release introduces control commands specifically designed for coloured lights. This integration goes beyond regulating colour temperature, extending the control to the actual colour of the light. Aligned with the DALI-2 Part 209 definition, a leading hardware standard in the lighting industry, these additions ensure seamless integration and compatibility.

"The structure and aim of the TALQ Protocol remains unchanged, of course. But we are proud to continuously add innovative solutions that address the demands of operators in the smart city and smart street lighting environment." summarises José Sanchis, Chairman of the TALQ Certification Workgroup, the new protocol release.

By asking for TALQ-certified smart city applications, cities can avoid vendor-lock-in and can rely on data interoperability when monitoring and controlling devices in smart city ecosystems.

The TALQ Smart City Protocol version 2.6.0 is available to software developers for download via the GitHub repository.

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 60 member companies.
For more information visit www.talq-consortium.org

TALQ-certified 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
- ConnectCity Platform from Guangdong Rongwen Technology Group, China
- Luminizer IoT from IoT Labs, Norway
- SLV CMS from Itron, USA
- SmartLinx CMS from LED Roadway Lighting, Canada
- LiLAMP from LiCON, China
- Urban from LUG, Poland
- Luminizer from Luminext, The Netherlands
- LuxSave Streetlight CMS from LuxSave, Sweden

- PE Smart CMS Neptune from Paradox Engineering, Switzerland
- LightingGale from Quantela, USA
- StarRiver Pro from Sansi, China
- 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, Singapore
- TelChina from TelChina, China
- CityManager from TVILIGHT, the Netherlands

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
- Fonda City from FondaTech, China
- ConnectCity from Guangdong Rongwen Technology Group, China
- 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
- Luminizer Gateway from Luminext, The Netherlands
- 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
- StarRiver Pro Gateway from Sansi, China
- 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, Singapore
- Trilliant TALQ Gateway from Trilliant, Canada
- UbiVu from Ubicquia, USA
- ANDROS LIVE from UMPI, Italy
- NEOS from Urbioled, Romania
- HERMES 180x Gateway from Witti, France

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