

PRESS RELEASE

Smart Street Lighting Tenders Assure Future-proof Smart Cities

TALQ releases a completely updated and enlarged edition 4 of its Tender Template

Piscataway, NJ, USA– December 16, 2024 – The TALQ Consortium, the developer of the Smart City Protocol—a global interface standard for smart city applications—has published a new edition of its widely used Tender Template for outdoor lighting. Just in time for the Smart City Expo World Congress in November in Barcelona, the new ‘TALQ Tender Template’ Edition 4 is now available in both English and Chinese, with additional languages expected in early 2025. This updated document replaces the former ‘Pocket Guide for Smart Outdoor Lighting Tenders’, offering cities and municipalities a streamlined process for drafting tenders that prioritize future-proof, interoperable, and open solutions for smart street lighting from multiple vendors.



Designing and implementing Outdoor Lighting Networks (OLN), also known as Streetlight Control Systems, is a complex and highly technical endeavor. Cities must address unique use cases and specific requirements, yet

expertise in this field is often scarce. For many city officials, drafting a tender for street lighting may be a once-in-a-career task, raising crucial questions such as: How can we ensure a future-proof outdoor lighting system? Which features will maximize energy savings? What maintenance reports can help reduce operational costs? Translating these strategic objectives into technical specifications for a tender document can be challenging.

Recognizing this challenge nearly a decade ago, the TALQ Consortium set out to simplify the process. In 2015, it published its first ‘Pocket Guide for Smart Outdoor Lighting’, a practical tool to help cities focus on their specific needs while leveraging expert insights into state-of-the-art outdoor lighting systems. The recently released Edition 4, now renamed the TALQ Tender Template, builds on this foundation with significant updates and enhancements.

A comprehensive model for cities and other stakeholders

The new TALQ Tender Template draws inspiration from real-world outdoor lighting network tenders issued by major cities around the globe. It is designed to help cities, municipalities, utilities, operators, and project developers create their own tenders with reduced effort and greater confidence in achieving completeness. But the TALQ Tender Template is also beneficial for vendors of street lighting systems, as they can reduce the effort for participating in tenders in various countries at the same time.

Key features of the TALQ Tender Template Edition 4 include technical requirements, wording examples to assist in drafting a thorough tender document and global fit, currently available in English and Chinese, with more languages forthcoming in early 2025. With this latest update, the TALQ Consortium continues to support cities in adopting smart, efficient, and sustainable outdoor lighting solutions while fostering an open and interoperable market for smart city applications.

As the previous editions, the TALQ Tender Template is available for free download from the Consortium's website.

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 nearly 70 member companies. For more information visit www.talq-consortium.org

TALQ-certified Products:

Central Management Software (CMS):

- AUGE from Algorab, Italy
- CityLinx from BeeZeeLinx, France
- Bright Street Lighting from BrightCity, Portugal
- 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
- Urban from LUG, Poland
- Luminizer from Luminext, The Netherlands
- LiLAMP from Nanjing LiCON IoT Technology, China
- LuxSave Streetlight CMS from LuxSave, Sweden

- PE Smart CMS Neptune from Paradox Engineering, Switzerland
- StarRiver Pro from Sansi, China
- EXEDRA from Schröder, Belgium
- PLANet Telensa from Signify, The Netherlands
- BrightCity from ST Engineering Telematics Wireless, Singapore
- TelChina from TelChina, China
- CityManager from TVILIGHT, the Netherlands
- FondaCity from Zhejiang Fonda Technology, China

Outdoor Device Network (ODN) / Gateway:

- GridLight from Amplex, Denmark
- Citybox from Bouygues, France
- Bright City Street Light Controller from BrightCity, Portugal
- DLC Gateway IoT from Datek, Norway
- Flashnet IoT platform from Flashnet, Romania
- Fonda City from FondaTech, China
- SInGelUu from Globaltronic, Portugal
- 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
- SmartSky from Lotec, Turkey
- Ki from Lucy Zodion, United Kingdom
- Luminizer Gateway from Luminext, The Netherlands
- LuxSave Streetlight GW form LuxSave, Sweden
- MOONS'_Gateway from MOONS', China
- LiLAMP from Nanjing LiCON IoT Technology, China
- WixLi Portal GW from NEXIODE, France
- Novaccess Smart City Platform from Novaccess, Switzerland
- PE Smart GW from Paradox Engineering, Switzerland
- Requea Gateway from REQUEA, France
- DIMmy-web from Revetec, Italy
- StarRiver Pro Gateway from Sansi, China
- EXEDRA from Schröder, Belgium
- Owllet IoT from Schröder, Belgium
- Citygrid TALQ Gateway from Seneco, Denmark
- 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
- TelChina from TelChina, China
- Trilliant TALQ Gateway from Trilliant, Canada
- UbiVu from Ubicquia, USA
- ANDROS LIVE from UMPI, Italy
- NEOS from Urbioled, Romania

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