

PRESS RELEASE

## **How Plugfests Help to Improve the Product Quality of Smart City Applications**

Close collaboration of TALQ member companies eases the integration of the TALQ interface protocol standard

**Piscataway, NJ, USA– February 20, 2025 – The TALQ Consortium, developer of the Smart City Protocol—a global interface standard for smart city applications—hosts annual Plugfest events to ensure a robust certification process and to share deep tech know-how among its members. Each year, whether participants are long-term members with proven TALQ-certified products or new companies still completing integration and certification, they unanimously agree that the event offers valuable insights and learning opportunities. In 2024, the Plugfest demonstrated its ability to accelerate the TALQ Certification process through the example of Turkish member Lotec. The 2025 Plugfest, available exclusively to members, is already in planning.**

During a Plugfest, software development teams from various member companies test their protocol integrations against each other and validate the performance of the TALQ Certification Tool (TCT). Typically, a Plugfest lasts 1–2 weeks, depending on whether it is held in-person or remotely. In both formats, companies pair their products—such as Central Management Software (CMS) or Gateways—in multiple sessions with different manufacturers.

This process offers an ideal opportunity to enhance the flexibility and reliability of smart city applications by verifying interoperability with products from other members. Additionally, manufacturers benefit from shared insights and mutual learning, often refining their solutions based on these experiences. Throughout the sessions, all participants receive independent, objective technical support, ensuring productive and effective collaboration

## TALQ Certification in 10 days



The benefits of general face-to-face meetings and Plugfests for new members were clearly demonstrated last year by Lotec. Shortly after joining the consortium, Lotec attended a TALQ meeting in Vienna, Austria, in June 2024. Motivated by the insights gained there, the company's software team immediately began

integrating the Smart City Protocol to participate in the September Plugfest. Their active involvement was pivotal: by collaborating with more experienced members, they deepened their understanding of the protocol and refined their product. In particular, they identified ambiguities in areas such as ad-hoc log reports and the bootstrap process, uncovering opportunities to improve their implementation—all thanks to testing with multiple TALQ-certified products. In October, just ten days after submitting their test results, Lotec achieved TALQ Certification for both Lighting and Lighting Asset Management profiles, addressing two key areas of smart city infrastructure.

"A Plugfest is one of the most important events for anyone working with standards, whether defining or implementing them. That's why we have organized regular Plugfests since 2015. We are surprised by the new learnings every year, but also extremely proud of the trustful collaboration of our members to create benefits for the end-users: cities and utilities," highlights Simon Dunkley, Secretary General of the TALQ Consortium.

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

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**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
- Luminizer IoT from IoT Labs, Norway
- CityEdge 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 Schréder, 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
- GreenStreet TALQ Gateway from Capelon, Sweden
- DLC Gateway IoT from Datek, Norway
- Flashnet IoT platform from Flashnet, Romania
- Fonda City from FondaTech, China
- SInGelUu from Globaltronic, Portugal
- RFLight2 from Hispaled, Spain
- SELC Gateway from Itron, USA
- CityEdge 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 Schréder, Belgium
- Owllet IoT from Schréder, 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