# Introducing


**TALQ Consortium**

**A globally accepted standard**

TALQ is a worldwide Consortium initiated by companies from the lighting industry. TALQ aims for a globally accepted management software interface for outdoor lighting networks to create interoperability across available solutions.

The TALQ Consortium has identified that this absence of a standard interface for outdoor lighting networks is a key reason why outdoor lighting operators are currently hesitant in deploying such systems.

## The mission of TALQ Consortium: Interoperability of Outdoor Lighting Networks

Solutions for outdoor lighting control are already in place in many countries. They normally consist of a Central Management System (CMS) and an Outdoor Lighting Network (OLN) of connected light points. The lack of a standardized communication between CMS and OLN leads to the situation that an outdoor lighting operator either has to rely on a single source, or has to utilize different systems that are non-interoperable, and therefore very complex to integrate, operate and maintain.

The TALQ Consortium will standardize the interface between CMS and OLN thus, enabling vendor independent interoperability through the connection of a single TALQ compliant CMS to any TALQ compliant OLN.

By establishing this globally accepted standard, the Consortium is convinced that it can provide more choice and give greater accessibility for remote monitoring and control in outdoor lighting.
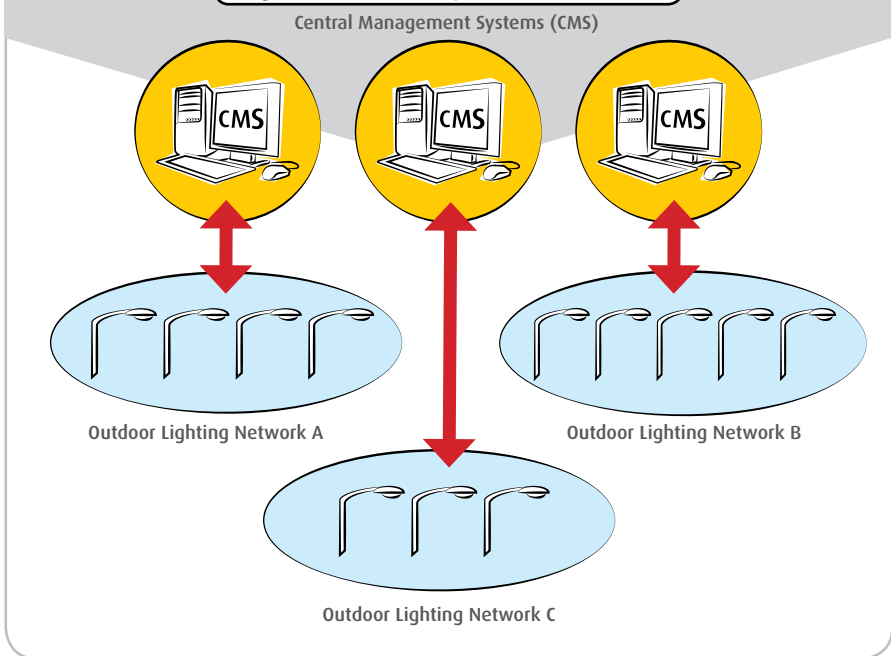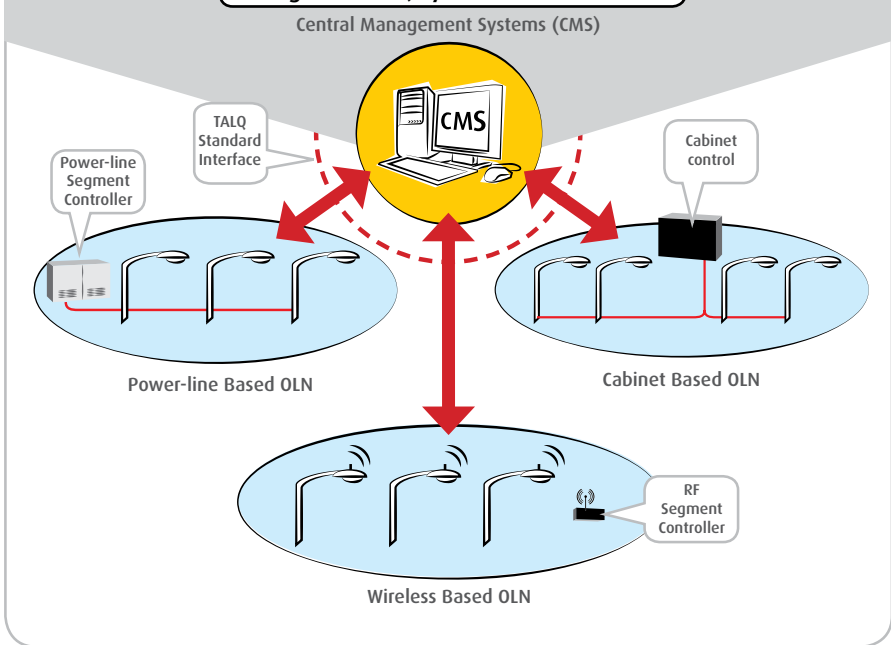
## Figure 1 Non TALQ System Architecture

**Central Management Systems (CMS)**

CMS

CMS

CMS

Outdoor Lighting Network A

Outdoor Lighting Network B

Outdoor Lighting Network C

## Figure 2 TALQ System Architecture

**Central Management Systems (CMS)**

CMS

TALQ Standard Interface

Power-line Segment Controller

Cabinet control

Power-line Based OLN

Cabinet Based OLN

RF Segment Controller

Wireless Based OLN

## Membership

**Companies from Europe, North America and Asia are already active members of the Consortium.**

**Currently, the TALQ Consortium offers 2 categories of participation:**

- Regular Membership
- Associate Membership

**For more information, and to find out how to become a TALQ member, please visit:**
www.talq-consortium.org
or email info@talq-consortium.org

**Regular Membership** is for those entities willing and able to make an active and material contribution to the objectives of the Consortium. It entitles one to participate in all activities of the Consortium, such as:

- Access to the General Assembly, including voting rights
- Serve as Steering Committee member
- Participation in the Working Groups, such as the Technical Working Group or the Promotions Working Group

**Associate Membership** is for those persons or entities with an interest in the objectives of the Consortium, willing to support the development and promote the application of the TALQ specification(s). It entitles one to participate in selected activities of the Consortium, such as:

- Access to the General Assembly, with no voting rights
- Participation in the TALQ Promotion Partners group
- The right to comment on Draft TALQ specification(s)

If you are interested in the TALQ Consortium and would like to discuss potential involvement, please contact the Secretary General by emailing secgen@talq-consortium.org.