eLumen

Street Light Manager

Overview

A SmartPower Product

Efacec, in line with its technological strategy that has been conducted since 2006, aiming to answer the new energy and environmental challenges, developed a new range of solutions for SmartGrids, designated by SmartPower.

In this scope of extensive provider of Smart Grids solutions, Efacec presents the **eLumen**, a solution for street light management.

With **eLumen** users can monitor and control street lighting through a dedicated web-platform.

eLumen is responsible for operational management of street lighting in terms of parameterization and control, as well as for monitoring (status, anomalies, events and historical record of energy consumption).

Benefits

• Reduction of energy consumption and, as consequence, of CO2 emissions

• Reduction of maintenance costs, by detecting problems in Street Lighting

• User-friendly web-platform for street light management

• Shared street light management platform

Available packages of eLumen software

eLumen Server

An industrial web server dedicated to street lighting management, each can control hundreds* of **G Smarts** with street lighting functions

eLumen Client

A web-platform dedicated to monitoring and control of the street lighting system that is under its authority

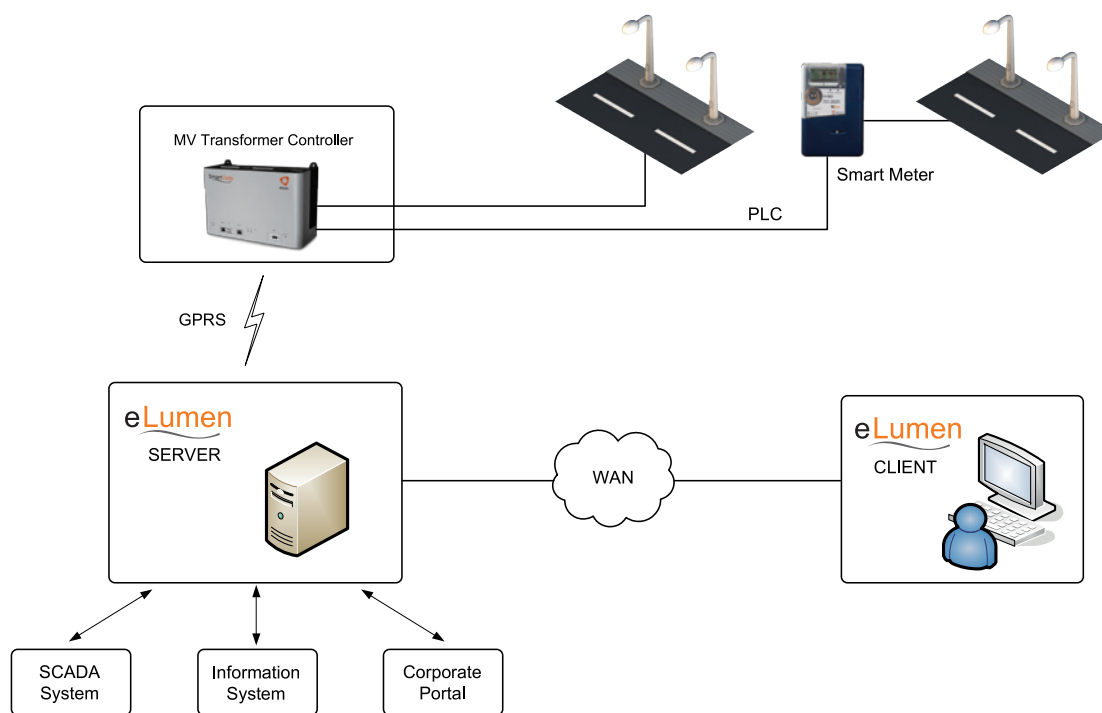* Depends on specific server configuration.

eLumen Web-page snapshots.

efacec

The **eLumen** Client web-platform allows to perform the following operations:

• User management

• Client definition

• Carry out service definition

• Profile definition

• Special Day definition

• Definition and import of schedule programs

• Allocate time programs to services

• Allocate the control circuits of distribution transformer controller to specific services

• Allocate the smart meters to specific services

• Carry out manual orders to a distribution transformer controller or smart meter

• Proceed with the configuration of distribution transformer controller and smart meter

• Perform and export searches

• Alarm monitoring

• Functional events listing

• Perform operational reports

• Import and export configuration data through available software tools

The **eLumen** web-page contains sub-menus including the following actions:

• Account administration

• Program schedules definition

• Operation

• Alarms and events management

• Searching

• Reports

Example of System Arquitecture.

Automation Business Unit

Rua Eng. Frederico Ulrich – Ap. 3078 | 4471-907 Moreira Maia | Portugal | Tel: +351 229 402 000 | Fax: +351 229 485 428 | e-mail: ase.eng@efacec.com | web: www.efacec.com   mod. AS102I1105B1

Due to our policy of continuous development, specifications may change whithout notice. Not valid as a contractual item.

View the product on our website.