

Streetlight

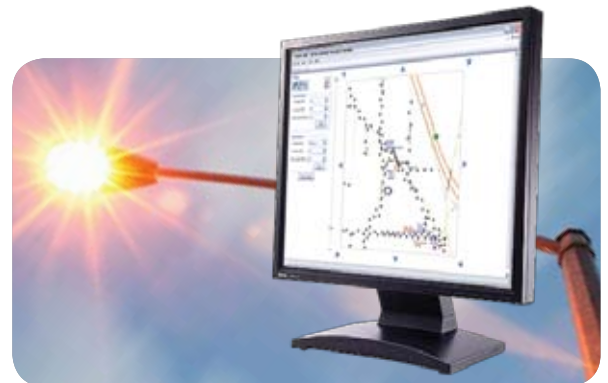
INTELLIGENCE™

Lumen IQ™

Street Light Optimization System

You have the power to:

- Reduce energy consumption
- Reduce greenhouse gas emissions
- Reduce operating costs



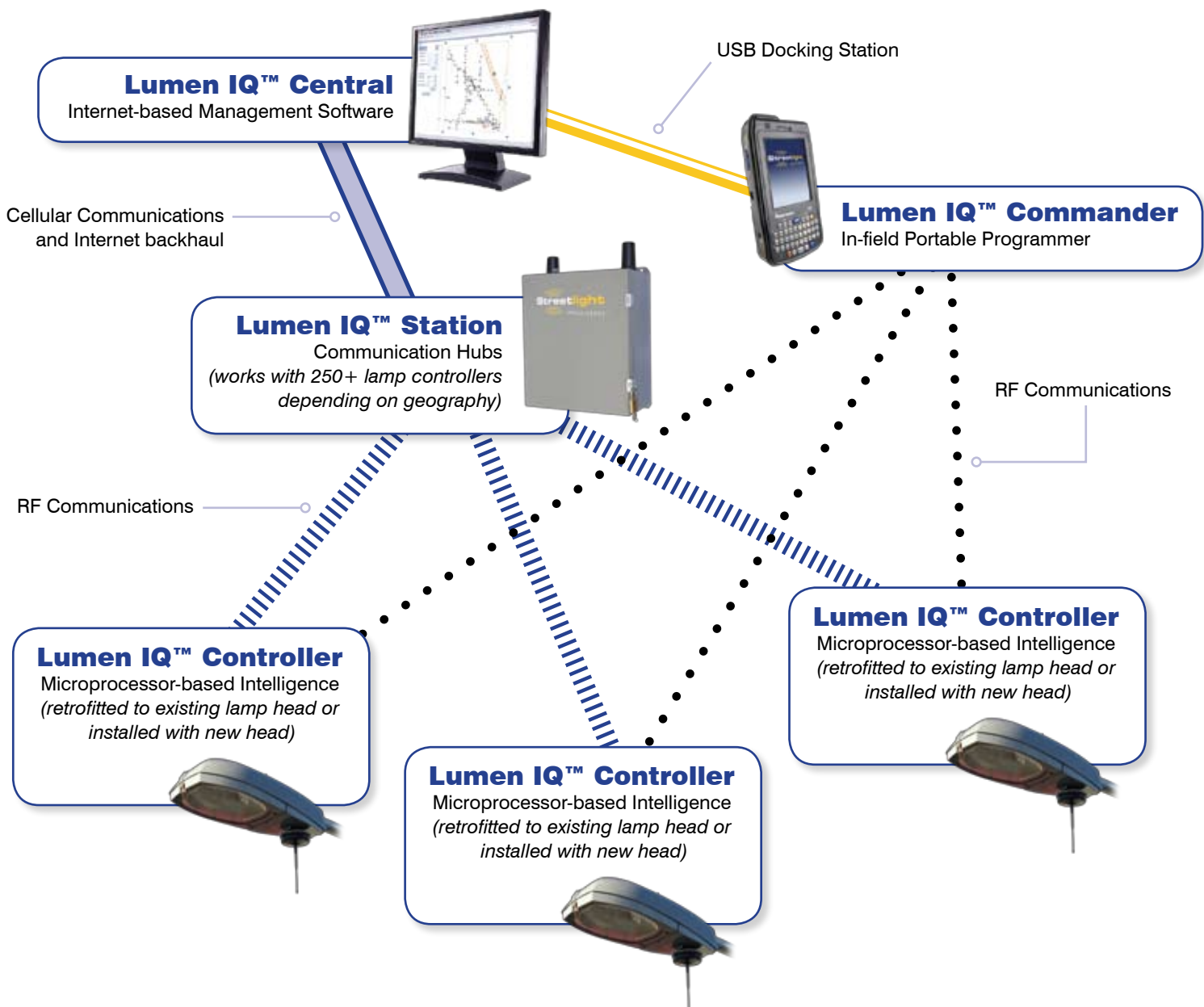
You Have The Power™

Lumen IQ™

Street Light Optimization System

The Lumen IQ™ Street Light Optimization System is the ultimate energy management solution for utilities, municipalities and commercial entities looking to reduce the energy consumption of their street light network by up to 40%!

This fully-integrated system is comprised of one or more lamp controllers, one or more communication hubs, a dedicated handheld PC for in-field setup and programming, as well as a robust, web-based software system for streetlight network management from a centralized location.



System Overview

Capabilities

- Remotely program the output of your entire street light network and/or any number of subgroups of lights or even individual fixtures from a single location (which could be anywhere in the world).
- Turn street lights on and off at specific times, and dim them during periods where there is low pedestrian activity.
- Implement adaptive lighting protocols that will optimize the performance of your street lighting network while maintaining a high level of public safety.
- Develop cost-effective plans for lamp fixture locations and installations.
- Perform comprehensive and accurate energy usage calculations.
- Reduce your maintenance costs and increase public safety through the development of pro-active maintenance schedules.
- Quickly generate reports for installation planning, maintenance programs and energy usage. Reports can be viewed on screen or exported to Adobe Acrobat (.pdf) format for e-mail distribution.

Components



Lumen IQ™ Controller On-board Intelligence

Each lamp fixture in your Lumen IQ™ Street Light Optimization System uses a Lumen IQ™ Controller. The controller measures the light output and intelligently optimizes light levels. Using wireless communications, the lamp controller is remotely controlled using Lumen IQ™ Central software.

Lumen IQ™ Controllers can be quickly retrofitted to existing street lighting fixtures or ordered from us fully integrated into new fixtures (factory installed and tested at our facility before delivery).

Lumen IQ™ Station Communications Hub

A Lumen IQ™ Station provides an Internet connection between the Lumen IQ™ Central database and a local area network of 250 or more Lumen IQ™ Controllers (the actual number of lamp controllers depends primarily on local geography).

The Lumen IQ™ Station acts as a gateway for the distribution of programming instructions and the collection of data. It connects with the Internet using wide area 1X cellular data communications, but communicates with local lamp controllers using cost-effective 900 Mhz RF radio. It can also be integrated to your existing wireless network infrastructure making the overall system even more cost effective.



Lumen IQ™ Central System Software

At the heart of the Lumen IQ™ Street Light Optimization System is Lumen IQ™ Central, a dedicated, smart client application that resides on your computer and uses the Internet to interface between the database for your street light network and one or more Lumen IQ™ Stations. It provides you with full control your street light network(s) from practically any location worldwide using a desktop PC and a connection to the Internet.



Lumen IQ™ Commander Handheld PC

The Lumen IQ™ Commander is a dedicated handheld PC programmer that is used to communicate via 900 Mhz RF radio with Lumen IQ™ Controllers during installation in the field. It acts as a commissioning device during the installation of each lamp controller as well as a field servicing device during routine maintenance. Once back at the office, field personnel can easily upload all data collected to Lumen IQ™ Central using a docking station.

About Streetlight Intelligence Inc.

We provide utilities, municipalities and commercial entities with robust, flexible and cost-effective tools that can significantly reduce the energy consumption of their street lighting.

Headquartered in Victoria, British Columbia, Canada, we manufacture proprietary, intelligent street light optimization technologies that provide improved lamp performance, advanced adaptive lighting control, as well as system-wide communications for centralized street light management.

You Have The Power™

Marketed under the technology trademark “Lumen IQ”, our street light optimization products and systems are a cost-effective solution for street light operators to reduce their community’s energy consumption, maintenance costs and environmental impact.

Our value propositions are captured in our simple positioning statement, “You Have The Power”. With our Lumen IQ™ technology, you have the power to:

- Reduce the energy consumption of your street lights;
- Reduce your operating costs;
- Reduce your environmental impact;
- Re-allocate the savings achieved to other community priorities;
- and ultimately, make a significant and positive contribution to your community.

Streetlight Intelligence Inc. is a public corporation listed on the TSX Venture Exchange under the symbol “SLQ”. For more information about our products and our company, visit www.streetlightiq.com.



www.StreetlightIQ.com
1-888-563-8833