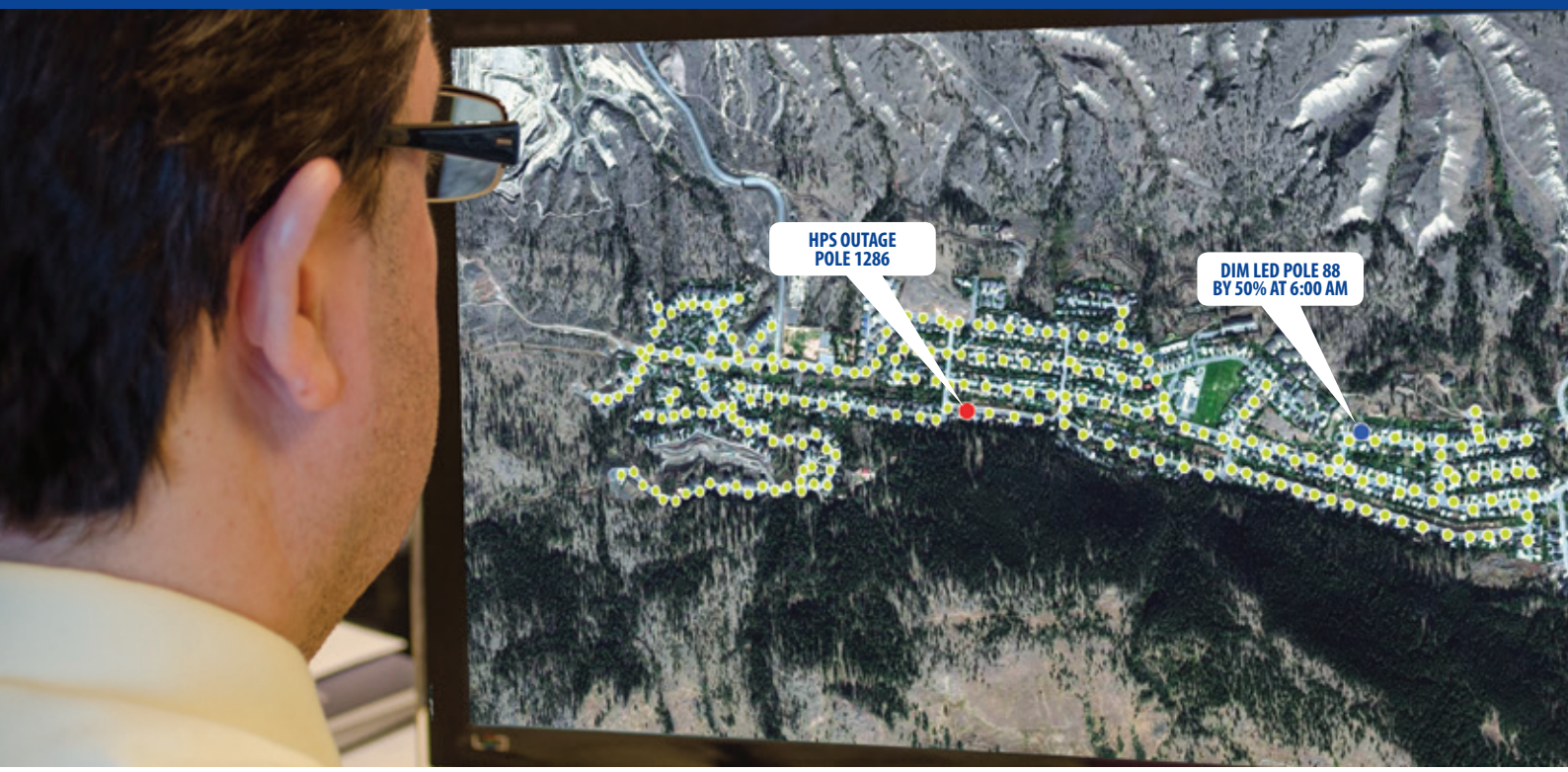
SINGLE APPLICATION NETWORK

LUMEN iQ™



PERFORMANCE, RELIABILITY, & ADAPTABILITY

Lumen IQ is a wireless monitoring and control system that allows municipalities and utilities to manage their street lighting inventory, dim luminaires according to user-defined schedules for energy savings, measure energy consumption, and identify and action maintenance events such as luminaire outages. The Lumen IQ Central Management System (CMS) has been used by municipal, utility and other end users in Canada, the U.S., and abroad.

BENEFITS OF LUMEN IQ SYSTEM

- Dimming capabilities for additional energy savings.
- Tracks and reports energy savings.
- Tracks and reports luminaire outages.
- Provides a burn hour report.
- Provides constant lumen output.
- Provides detailed maintenance emails.
- Reduces luminaire off time.

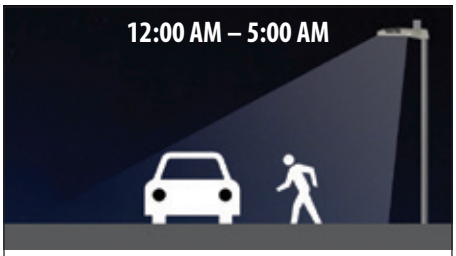
2014 PROGRESS Report SELECTION

LIMITED 10 YR WARRANTY

TIME OF NIGHT DIMMING SCHEDULE

Lumen IQ allows municipalities and utilities to reduce energy costs by allowing for the creation of user-defined dimming schedules that can be set based on known vehicular and/or pedestrian traffic patterns. Up to 10 different light level events/shifts can be programmed per night. A simple dimming schedule is depicted below.

100% OUTPUT (72W)



DIM TO 50% OUTPUT (36W)

100% OUTPUT (72W)

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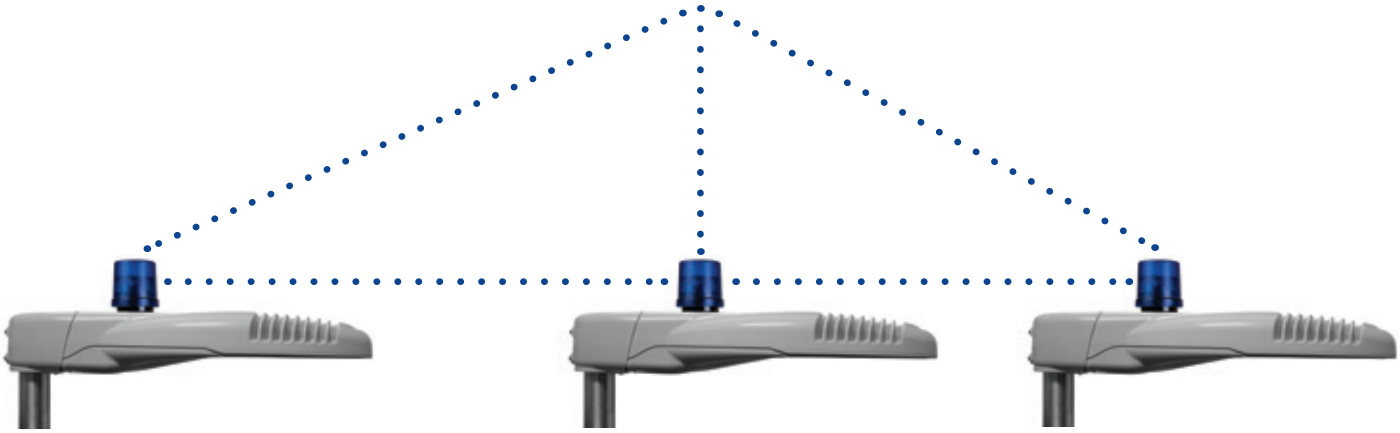
LUMEN iQ™

CENTRAL MANAGEMENT SYSTEM (CMS)

A web-based customer portal, used to interface with, and control, your street lighting assets.

GATEWAY

Provides an internet connection between the CMS database and a local area network of up to 500 nodes (can achieve up to 1000 nodes depending on the location). Distributes programming instructions and facilitates the collection of data.



LUMINAIRES EQUIPPED WITH NODES

Measures and monitors luminaire performance. Using wireless communications, the luminaire controller is remotely controlled using Central Management System (CMS).

HAND-HELD DEVICE

Ruggedized hand-held device that is used to communicate with nodes installed in the field. Acts as a commissioning device during the installation of each luminaire node as well as a field servicing device during routine maintenance.