

SMART CITY MICRO-SENSORS



A DIVISION OF LED ROADWAY LIGHTING LTD.

MICRO-SENSOR VIDEO OVERVIEW



<https://youtu.be/GpZDL6Gm0Nk>

WHO WE ARE



LED Roadway Lighting Ltd. (LRL) is a streetlighting and smart city technology provider which was established in 2007.

We design, manufacture, and distribute LED streetlighting, wireless intelligent controls, software, and smart city sensors.

Liveable Cities (LC) is the smart city technology division of LED Roadway Lighting Ltd.

Headquarters

- Halifax, NS, Canada

Office

- Victoria, BC, Canada

Manufacturing

- Amherst, NS, Canada

Other Manufacturing

- China



LED STREETLIGHTING SOLUTIONS



SLIQ SERIES LED LUMINAIRES



NXT-LITE SERIES LED LUMINAIRES



NXT SERIES LED LUMINAIRES



SMART CITY SOLUTIONS AND APPLICATIONS



CITY SAFETY SENSORS

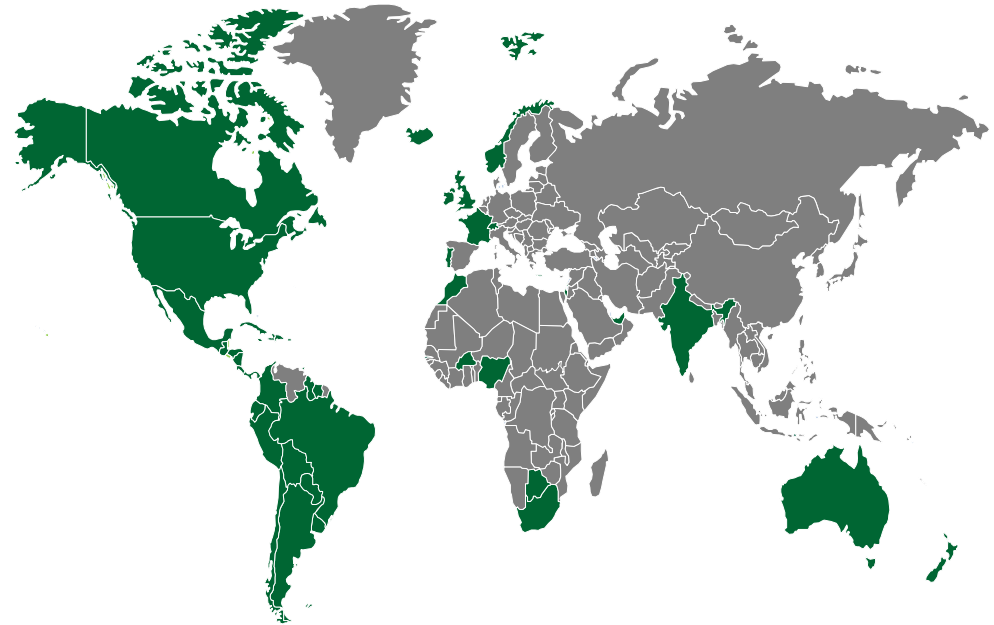


CMS SOFTWARE WITH ACTIONABLE REPORTS



Award-Winning Products

Luminaires, wireless controls, software,
and smart city sensors

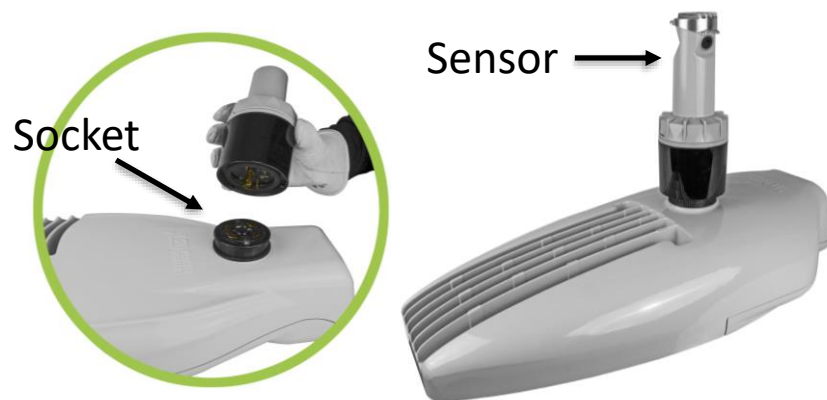


Global Export Experience

International projects in over
65 countries and counting

PLUG & PLAY DESIGN

- Streetlights are highly standardized, and have one global standard control socket (ANSI C136.41)
- Sensors plug into this standard socket
- Works on any streetlight, from any vendor in the world
- Even works on 30+ year old lights, which still have the same basic control socket



ONE INTERFACE, MANY SENSORS



**SLX-SPEED
MICRO-SENSOR**

- SPEED MONITOR
- CONTROLS LIGHTING
- ENERGY BILLING



**SLX-AIR
MICRO-SENSOR**

- AIR QUALITY MONITOR
 - OZONE (O₃)
- NITROGEN OXIDE (NO₂)
- SULPHUR DIOXIDE (SO₂)
- CARBON DIOXIDE (CO₂)
- CONTROLS LIGHTING
- ENERGY BILLING



**SLX-PARTICLE
MICRO-SENSOR**

- AIR QUALITY MONITOR
 - PARTICULATE MATTER (2.5)
 - PARTICULATE MATTER (10)
- CONTROLS LIGHTING
- ENERGY BILLING



**SLX-NOISE
MICRO-SENSOR**

- NOISE MONITOR
- CONTROLS LIGHTING
- ENERGY BILLING



**SLX-COUNTER
MICRO-SENSOR**

- TRAFFIC COUNTER
- CONTROLS LIGHTING
- ENERGY BILLING



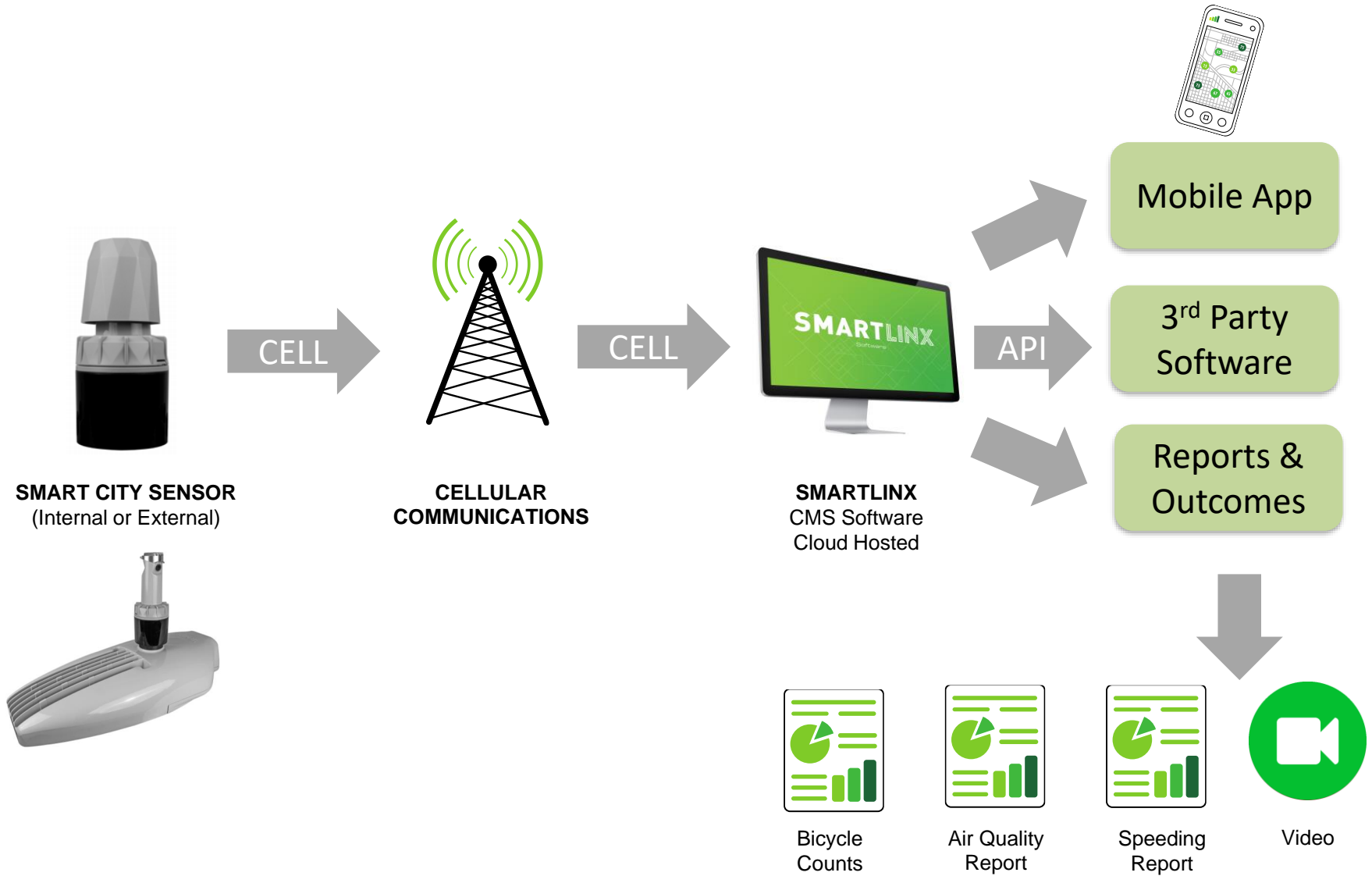
**SLX-VIDEO
MICRO-SENSOR**

- VIDEO CAMERA
- INCIDENT ANALYSIS
- CONTROLS LIGHTING
- ENERGY BILLING

ONE INTERFACE, MANY SENSORS



CELLULAR COMMUNICATION



VARIETY OF MICRO-SENSORS





THANK-YOU

Any questions or comments?

