Making streets safer with next generation LED street lighting

Royal Philips (NYSE: PHG, AEX: PHIA), the global leader in lighting, recently announced that the City of Los Angeles (LA) will become the first city in the world to control its street lighting through an advanced Philips management system that uses mobile and cloud-based technologies.

THE CHALLENGE

Philips CityTouch needed to address its customers lighting requirements and give them the power to make street lighting in the city dynamic, intelligent and totally flexible. In order to have a safe and secure offering, Philips CityTouch chose its supplier for connectivity based on certain requirements:

- Highly secured gateway to minimize disruptions as much as possible

- Not dependent on a sole trader

- Possibility to make local operator deals

- Full control over its connectivity part

- Flexible supplier that can adjust easily to Philips specific requirements for networks, VPNs, security settings etc.

- Competitive pricing.

SOLUTION OVERVIEW

LA has long been at the forefront of smart city innovations. Adopting new web-based technologies that help city administrators better manage city services such as street lighting. With the addition of the Philips CityTouch connected lighting management system, the LA Bureau of Street Lighting can remotely control lighting fixtures, as well as monitor energy use and the status of each light. Using mobile chip technology embedded into each fixture, the street lights are able to identify themselves and network instantly as well as monitor energy and the status of each light.

KORE is considered to be an established global provider of mobile data connectivity solutions in the Dutch M2M market place, with more than 2.6 million M2M SIMs live today.

KEY RESULTS

KORE acts as the trusted advisor towards Philips and centrally manages their IoT connectivity, support and services. By working together, Philips is able to manufacture and deploy globally through one interface, a single GUI, APN, API and VQFN8 SIM. The VQFN8 SIM known as an 'M2M SIM' is owned by Philips and not a mobile operator.

KORE not only delivers connectivity, but also offers advice for Philips to make a direct operator agreement. KORE also offer the following:

- Extra security on their mobile connectivity by additional encryptions on top of the VPN encryption

- Operator independence based on multi-IMSI capabilities, which enables Philips CityTouch the flexibility and agility to change operators OTA whenever necessary, without SIM swapping

- Full control over its connectivity part via the Porthos SIM Control & Monitoring Tool

- Competitive pricing – M2M costs can be extremely high, KORE M2M has a full dedicated core in its own domain, costs are bared directly at the source.

New Philips CityTouch saves energy and gives citizens safer lit streets. Connected System reports faults and reduces commissioning time to minutes. Wireless plug and play connector mode protects the city's investment by networking streetlights from any vendor.

About KORE

We provide the connectivity and services that make the Internet of Things possible. Founded in 2003, KORE is the world's largest managed network services provider specializing in Internet of Things (IoT) and Machine to Machine (M2M) markets. KORE provides the critical wireless connectivity empowering application, hardware and wireless operator partners to rapidly bring new IoT and M2M innovations to market, with millions of active on-network units in more than 180 countries. KORE delivers choice, reliability and global native coverage through multi-carrier and Tier 1 carrier cellular and satellite network services – including LTE, GSM and CDMA – as well as advanced applications to easily manage IoT connected devices. KORE's recent acquisition of Wyless makes the company one of the six largest providers of M2M/IoT services globally, inclusive of carriers. Together, the combined company connects over 6-million devices around the world with leading technology, providing guaranteed costs, visibility and control of mission critical applications.

KORE

Email	Call	
info@korewireless.com	North America	**Toll Free: 877-710-5673** **T: +44 (0) 203-478-5281**
	Asia Pacific	**T: +61 3 9908 2190**
	Australia	**T: +61 3 9908 2190**