


Making streets safer with next generation LED street lighting

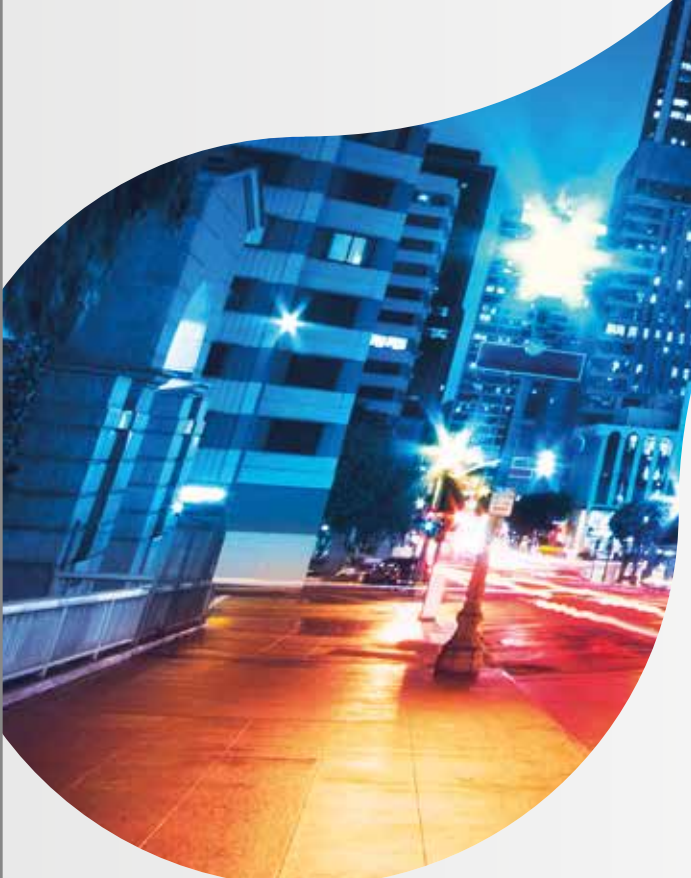
Royal Philips (NYSE: PHG, AEX: PHIA), the global leader in lighting, recently announced that the City of Los Angeles (LA) will become the first city in the world to control its street lighting through an advanced Philips management system that uses mobile and cloud-based technologies.



The new technology confirms LA's Bureau of Street Lighting as a trailblazer in next generation LED street lighting with a new solution that saves energy, reduces maintenance and provides quality lighting that makes streets safer for LA residents.

The Challenge

Philips CityTouch needed to address its customers lighting requirements and give their customers 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.
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The Solution

LA has long been at the forefront of smart city innovations, including adopting new web-based technologies that will 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 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.

Wyleless 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.

Results

Wyleless acts as the trusted IoT Telecoms advisor towards Philips and centrally manages the IoT connectivity and support services, this helps Philips manufacture and deploy globally through one interface in terms of one GUI, one APN, one API and one VQFN8 SIM. The VQFN8 Sim known as an "M2M SIM" is owned by Philips and not a mobile operator.

Wyleless acts as the advisor who can deliver connectivity as well, but also in some cases offers advice for Philips to make a direct operator agreement. Wyleless also offers 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 - largest costs of massive M2M-rollouts are the core-network operational costs. As Wyleless M2M has a full dedicated core in its own domain costs are bared directly at the source.

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New Philips CityTouch saves energy, 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 Wyleless

We empower businesses to realize the full potential of the Internet of Things (IoT). Our unparalleled reach is delivered through our 20+ MNO partners across the globe. We connect millions of devices around the world with our leading technology, providing guaranteed costs, visibility and control of customer mission critical applications. We offer eSim, Multi-IMSI, and Core Multiple Network capabilities deployed through Virtual Data Centres in several countries and our impartial experts and collaborative team help our customers succeed in their businesses. Our comprehensive services deliver 24/7/365 support and monitoring of customer devices through our global service centres.