



Pioneering scalable connected lighting



With the CityTouch lighting management system and the SAP HANA platform, the city of Buenos Aires is now a safer, more sustainable, and energy-efficient place.

Buenos Aires, Argentina, is constantly striving to become a more sustainable city that fits its citizens' needs. Its steadily growing population means increasing energy consumption and CO2 emissions, which results in an increase in energy costs and light pollution levels.

Buenos Aires mayor Mauricio Macri entered into a public-private partnership with Philips Lighting, and the city now benefits from a scalable lighting solution, combining energy-efficient LED luminaires with sophisticated lighting management from CityTouch.

Philips partnered with SAP to offer cities a 360-degree view of data using the SAP HANA platform. With this platform, Buenos Aires, and other cities are able to implement new applications while working with their

existing infrastructures, giving them the opportunity to seamlessly implement new applications. The SAP HANA platform collects data from different city departments such as street lighting, waste management, and traffic lights, and shares it through a single city dashboard. CityTouch enables remote monitoring, switching, and dimming of each light point in the network, optimizing energy consumption while creating safe conditions for both vehicles and pedestrians.

This project will not only help the government to reduce power use by more than 50%, but also contribute to preserving the environment, since the emission of 23,600 ton of CO2 will be avoided.



Buenos Aires by the numbers:

- 70%** of city lights upgraded
- 91,000** street lights installed in total
- 50%** savings on energy
- 51,000** luminaires on all streets

“In addition to enabling energy savings, CityTouch provides our customers with unique, flexible, sustainable and integrated lighting management solutions which were not even envisioned only a few years ago.”

Gustavo Verna,
CEO of Philips Argentina

