



interact City

An innovative platform that supports adaptive smart city applications

With Interact City lighting management software, Buenos Aires is a safer, smarter, more energy-efficient, and sustainable city.

“In addition to enabling energy savings with LED lighting, Interact City provides integrated lighting management software that is flexible and sustainable.”

Gustavo Verna, CEO of Philips Argentina

Customer challenge

While Buenos Aires is constantly striving to become a more sustainable city, the growing population was leading to increased energy consumption and CO₂ emissions. To address these issues, Buenos Aires wanted to install a high-quality LED street lighting system with cloud-based lighting management software that reduced costs by driving new efficiencies and could grow to meet the future needs of the city.

Solution

The installation was completed in three phases over the course of three years. In 2013, 11,000 LED luminaires were installed on main avenues and streets. An additional 40,000 were installed in 2014 and 2015 on secondary streets, for a total of 91,000 new light points in the city. The complete installation has upgraded 75% of the lighting in Buenos Aires, saving 50% in operational costs, and significantly reducing annual CO₂ emissions.

Interact – Making it happen

Interact City provides a future-proof service by supporting adaptive applications. Partnering with SAP offers the city a 360-degree view of data using the SAP HANA platform. Buenos Aires was able to implement new applications while working with their existing

infrastructure, giving them the opportunity to seamlessly implement new smart city applications that improve data capture, insight, and livability while reducing costs.



Sustainable savings

To reach its sustainability goals, Buenos Aires was in need of a new public lighting system to significantly reduce energy consumption while also

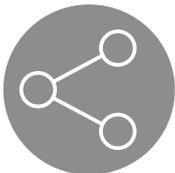
ensuring the well-being and safety of citizens. The complete installation upgraded 75% of the lighting in Buenos Aires, saving 50% in operational costs, and significantly reducing annual CO₂ emissions.



Efficient operations

With Interact City lighting management software and SAP HANA, street lighting managers can more efficiently control, plan, and manage city lighting.

Interact City enables monitoring, switching, and dimming of each light point in the network, optimizing energy consumption and creating safe conditions for vehicles and pedestrians.



Seamless integration

Interact City provides a future-proof service by supporting adaptive applications, and partnering with SAP offers the city a 360-degree view of

data using the SAP HANA platform. Buenos Aires was able to implement new applications within their existing infrastructure, allowing them to seamlessly implement new smart city applications.



Lighting asset management

Interact City lighting management software supports easy commissioning of new and existing lighting

assets plus remote monitoring of performance, energy consumption, and fault detection. Know exactly what is happening where and take action immediately through a real-time, data-enabled understanding of your city lighting.

Project details

- The project installed 91,000 new light points—75% of the lighting in the city of Buenos Aires
 - The city of Buenos Aires realized 50% savings in operational costs
 - Significant annual reductions in CO₂ emissions
- Integration between Interact City and the SAP HANA platform for efficient, data-driven operations

 Find out how Interact can transform your business

www.interact-lighting.com/city

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