PHILIPS

Smart Cities

Semarang

Indonesisa

Transforming
Semarang
into a smart city

This Indonesian city has taken a major step towards reaching its smart city goals thanks to increased energy savings delivered by Philips CityTouch and upgraded LED lighting.

Semarang was facing an issue: with 50,000 street lighting points in an area of 374 km², manual maintenance and dated lighting were a cost burden and a drain on resources. The offices that manage the lighting were required to work in shifts to find faulty lights and wait for complaints from the public, which, in addition to being costly and time consuming, was affecting the quality of customer service.
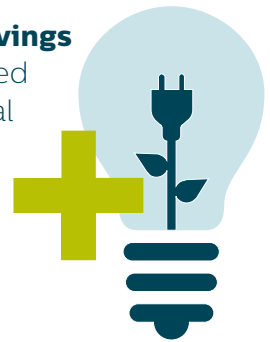
The city wished to invest in a solution that could be integrated with the systems already in place. The mayor, Hendrar Prihadi, was interested in monitoring the complete lighting infrastructure from one screen and one room, increasing flexibility and efficiency, while also improving long-term planning.

The solution was found in Philips CityTouch. With interconnected devices and remote management, the flexible system provides near real time information on luminaire failures during the night. These benefits ensure the city pays only for the energy used, resulting in cost savings. In addition, dimming capabilities allow the city to focus light where it is needed and dim the light when an area is not being used.

The result is a city that is brighter and more beautiful, but more importantly, one that can track and reduce energy consumption and easily manage its lighting infrastructure.

Increased energy savings and lowered operational costs

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The flexibility of **remote management coupled with dimming and accurate energy tracking** are in line with Semarang's smart city program."

Hendrar Prihadi
Semarang City Mayor

Find out more about **CityTouch**

Semarang
by the numbers:

374.3 km²	**50,000**	**1.8 million**
area of the city	street lighting points	people living in Semarang