

# interact City



## Case study

# The Port of Antwerp accelerates towards operational excellence

A safer and more sustainable port thanks to Interact City





## Solution

The operation began in 2018. Old gas discharge lamps made way for an energy-saving Interact City system comprising 1,300 Digistreet connected LED luminaires. The network was completed in mid-2019, and configured in close consultation with the Port of Antwerp. By employing open APIs, Interact City is now fully integrated with the port's existing monitoring system.



Dennis Willems and Peter Melis

“Contributing to sustainability goals is a wonderful challenge. As an installation partner, Interact City opens a promising era for us.”

Dennis Willems,  
Project Manager Maes Industrial

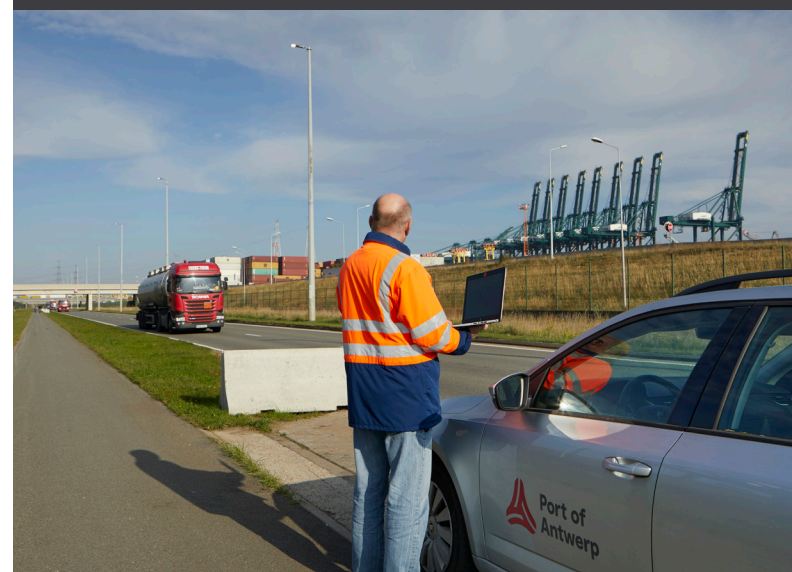
Interact City was installed at The Port of Antwerp to help site managers achieve their sustainability goals while enhancing operational efficiency.

## Customer Challenge

As the continent's second largest port, the Port of Antwerp plays an important role in the European economy. All eyes will be on it in the coming years as it focuses on sustainability, safety and digitalization. With the help of Interact City, the Port of Antwerp wanted to become the first port in the Benelux with a connected lighting system.

“Our focus is on strategic objectives such as safety and security, operational excellence, sustainable growth, mobility and transition. Interact City and LED lighting help us in achieving these goals.”

Peter Melis, Senior Technical Manager  
Projects Port of Antwerp



## Making it happen

The combination of connected LED lighting and Interact City software delivers considerable savings on energy costs. The Port of Antwerp has equipped its luminaires with a double set of connectors. By connecting plug-ins, environmental conditions — such as motion, traffic and noise — can be measured anywhere. Interact City turns the lighting network into the backbone of the port's smart infrastructure. This helps to create a smart, sustainable port area that is in line with stakeholders' wishes for achieving operational excellence.

The Port of Antwerp also wants to maintain an energy efficient working environment for its users in accordance with ISO 50001, and Interact City helps to meet this goal. Luminaire performance can be tracked online by port management. Faults are prevented or detected rapidly, so that action can be taken. The Port of Antwerp also opted for LED to ensure safe traffic signals. Under gas discharge lighting, signaling colors such as red, orange or green can appear different, whereas they retain their color under LED lighting. In addition, various dimming profiles ensure that the lighting in each port area is on at the right time, with the right lumen intensity.



## Interact City benefits



### Easy to install, easy to maintain

Installation is simple. Once the luminaires have been connected to the mains, they are automatically and wirelessly loaded into the Interact City platform. As the performance of each luminaire can be monitored and optimized remotely, this also reduces maintenance costs.



### More than lighting

With Interact City, your climate actions get a significant boost. All that's required is a one-off investment in a plug-in ready lighting system, after which future innovations in the field of sustainability and safety can be integrated via upgrades. Interact City provides a basis for the realization of smart objectives for every area, and every municipality.



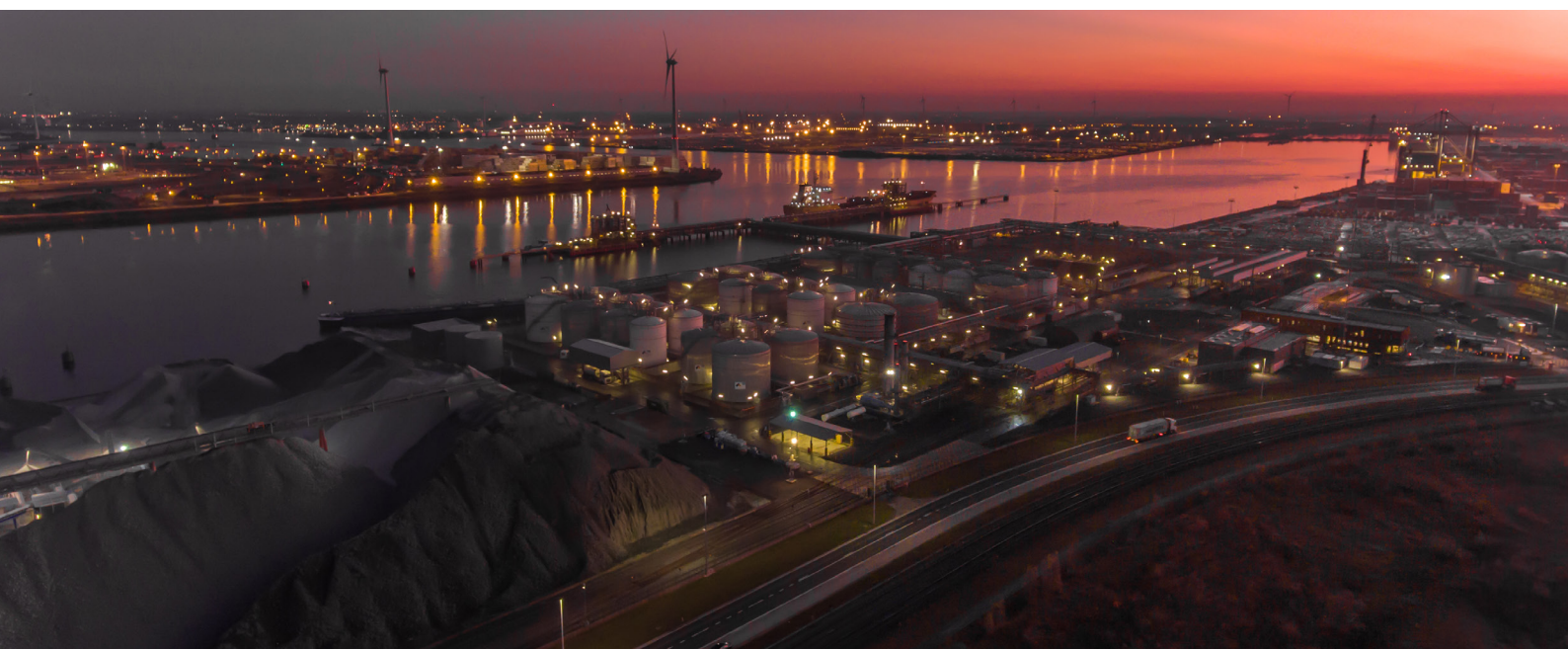
### Extreme energy-saving

Combined with LED, Interact City can facilitate savings of up to 60%. Sustainability goals are achievable now too. Area managers who really utilize the potential of Interact City stand to achieve substantial savings in the future without major investment.



### Open system

Interact City is an open system. By employing APIs, it can be linked seamlessly to other platforms. Interact City is not tied to a brand, with users free to choose their luminaires, software and connectors.



 **For additional information about Interact City**  
[www.interact-lighting.com/city](http://www.interact-lighting.com/city)

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