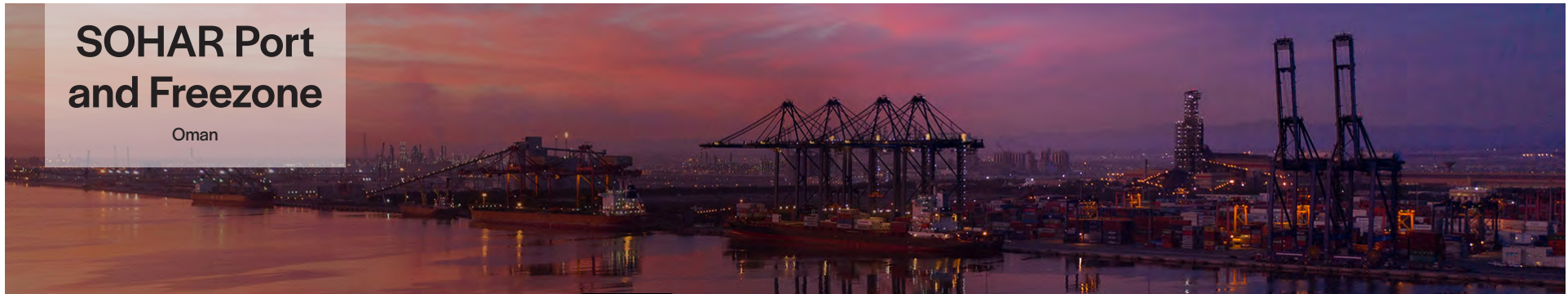


SOHAR Port and Freezone

Oman



Panoramic view of SOHAR Port.

Twilight's CitySense Plus and CityManager were deployed at SOHAR Port and Freezone in Oman to help the authorities achieve their sustainability goals while improving road safety and enhancing operational efficiencies.



SOHAR Port Freezone

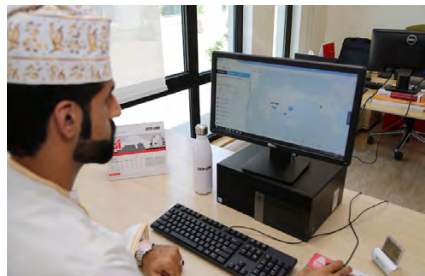
As Oman's largest seaport and free zone, Sohar plays an important role in bridging the economics between Europe and Asia. Still growing, in the near future, all eyes will be on it as it focuses on sustainability, safety and an ideal hub for intercontinental trade and commerce. With the help from Twilight and its partner Mustafa Sultan Enterprises, Sohar wished to become the first modern, safe and sustainable seaport in the Middle East with intelligent light-on-demand (adaptive) street lighting system.

Solution

Conventional street lights were already replaced with

LED street lights by the port authorities. Equipping LED street lights with Twilight's innovative motion sensors and intelligent outdoor light controllers, which enabled connected lighting system, however, began and completed in 2020.

Twilight also offered an intuitive and feature-rich central management platform (CityManager) to the port authorities, which enable effortless monitoring, management and control of each luminaire from a centralized location. Thanks to the Open APIs, CityManager also opens up the possibility for port authorities to easily integrate third-party applications, whenever the need arises.



SOHAR Navigate



SOHAR Port

Empowering Intelligence

With innovative street light motion sensors, smart outdoor controllers, and an intuitive light management platform from Twilight, the port authorities are able to provide just the right illumination, at the right time, at the right place, enabling:

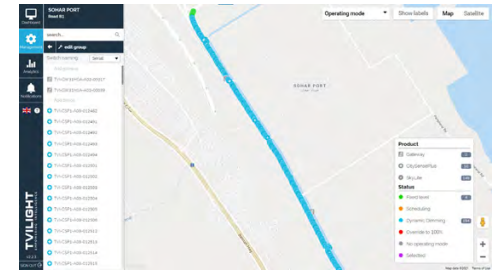
- Significant improvement in public and traffic safety
- Exceptional energy savings
- Cut in electricity wastage
- Reduction in carbon emissions and light pollution
- Decline in operational and maintenance costs

Further, by employing Open APIs-based CityManager platform, the port authorities have the freedom to incorporate necessary third-party applications easily.

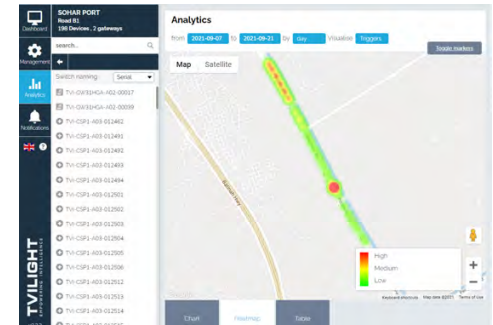
Motion sensor, Open APIs-based intelligent street lighting solution truly empowers Sohar Port and Freezone to become modern, safe and sustainable.

PROJECT DATA

Project Name: SOHAR Port and Freezone
Location: Oman
Client: Sohar Port
Lighting Products: Twilight's CitySense Plus and CityManager
Completion: 2021
Photos: © Sohar Port and Freezone, ©Twilight
Completion: 2021
Photos: © LaaS



SOHAR port devices



SOHAR port heatmap



SOHAR port savings