

AMARENCO SOLUTIONS - AWS FOR IOT MANAGEMENT



• CONTEXT AND ISSUES

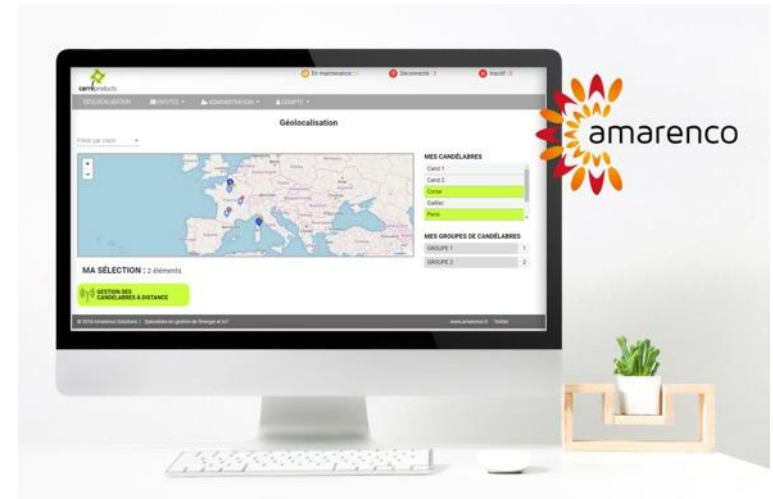
Amarenco Solutions – formerly Carré Products – offers autonomous and communicating lighting solutions as well as specific product developments related to its skills in energy management and IoT.

• BENEFIT AND ROI

We have taken up the challenge of setting up a flexible, powerful, elastic hosting solution, allowing future scalability without delay or redesign.

Besides the primary goal of the project; the management of connected lighting, its realization created significant secondary benefits.

- Recognition as a reinforced IoT specialist.
- A robust IoT module reused on other applications.
- High added value on the information collected and shared via the platform.



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- **OUR SUPPORT**

Amarenco, an independent producer of photovoltaic energy with more than 2,000 infrastructure projects completed, entrusted us with the realization of this project.

Our experts started by setting up an agile organization, starting with the training of Amarenco teams.

Then, they developed a web interface based on AWS (Amazon Web Services) architecture recognized for the security and reliability of its services.

API Gateway, DynamoDB, Lambda et S3.

Thanks to a good configuration of the AWS services, the technical teams were able to proceed with the creation of an IOT module specializing in message processing.

The final interface is a platform using the latest technology while remaining easy to upgrade.

