

AMARENCO SOLUTIONS - AWS FOR IOT MANAGEMENT



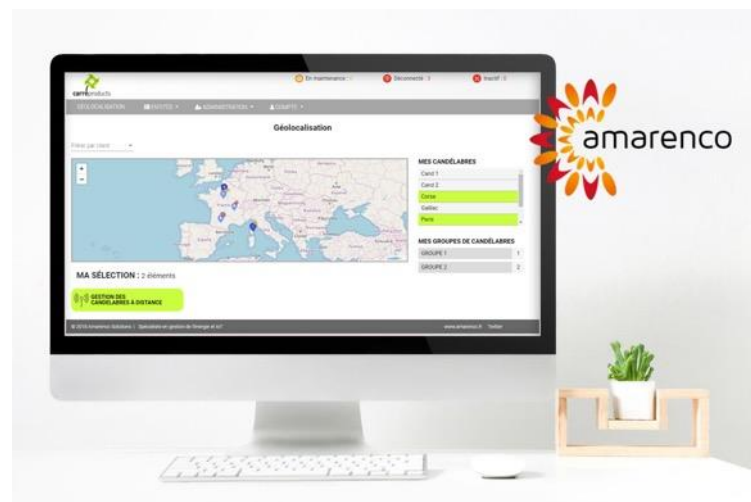
➤ CONTEXT AND ISSUES

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

➤ RESULTS

Implementation of a flexible, powerful, elastic hosting solution, allowing future scalability without delay or redesign. In addition to the primary goal of the project, the management of connected luminaires, its realization has created significant secondary benefits.

- Recognition as an IoT specialist strengthened.
- A robust IoT module reused on other applications.
- A strong added value on the information collected and shared via the platform.



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➤ OUR SUPPORT

Amarenco, independent producer of photovoltaic energy with more than 2,000 infrastructure projects completed.

Our experts started by setting up an Agile organization starting with the training of Amarenco teams. Then they developed a web interface based on an AWS (Amazon Web Services) architecture recognized for the security and reliability of its services. Gateway API, DynamoDB, Lambda and S3.

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

The final interface is a platform using the latest technologies while remaining simple to upgrade.

