

PRESS RELEASE : IoT & Asset Tracking

Detecting pole falls for an international operator with the connected solution KUZZLE IoT and TELCOMAT

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TELCOMAT, expert in underground and overhead telecom networks, has connected and digitized the telecom poles of an international operator. The goal is to detect, geolocate and alert in real time of their falls via a mobile and web-based application building on the KUZZLE IoT platform. Thus, the operator will be able to improve repair times, reduce the reported failure rate or secure the interventions of its maintenance agents.

Composite posts first selected for their technical specifications

Based on its first-rate expertise, TELCOMAT has become a leading player in the distribution of professional equipment dedicated to overhead and underground telecom networks. It has continued to develop its know-how in order to meet the needs of its customers.

Always on the lookout for innovations and to overcome all the defects of a wood pole, TELCOMAT offers an ecological and economical alternative: a composite pole. Furthermore, it noticed that this pole offered great technical potential thanks to its cavity. Closed with a hermetic cap, the equipment within it are secured.

Towards intelligent connected poles with TELCOMAT and KUZZLE

In practice, TELCOMAT in partnership with KUZZLE has enabled an international operator to have real-time data accessible from a supervision application thanks to a technology set up on its connected poles. With just a few clicks, teams benefit of all the information on the condition of the poles and can have an overview of the pole park and their associated services. They can also monitor the falls of poles thanks to real-time notifications, protect and secure people during maintenance tasks, geolocate poles and calculate the route to intervene, or add new services connected to poles.

The supervision application based on the KUZZLE IoT platform is used to meet specific needs of two types of users. First, it permits the supervisor to view the poles on a map and receive

alerts in case of defects on the poles and / or equipment. Then, the supervisors communicate these defects to the maintenance agents who will be able to intervene and fix the poles. Finally, it also permits maintenance agents to view the poles and to know the equipment installed on them.

A winning partnership with KUZZLE

TELCOMAT chose KUZZLE IoT because the benefits in terms of speed of development are quite obvious for Roger Belval, President of TELCOMAT SAS: *"Not only, the application has been fast to develop and deploy (8 weeks), but through its expertise and its know-how, KUZZLE contributed to the success of the project. Our success is based on the good cooperation with KUZZLE team (technical collaboration and support throughout the project), but also on our knowledge of the needs related to the management of telecom pole parks."*

The first connected poles currently deployed in the Paris region

The solution is currently deployed in the Paris region to carry out all the necessary tests to validate the project. These tests conducted out on accident-prone zones selected by the supervisor. Indeed, these poles are often damaged. The operator regards it as an opportunity to test TELCOMAT innovation based on KUZZLE.

About TELCOMAT

TELCOMAT SAS is a French family-owned company launched in 2010 by Roger Belval who has developed a complete range of equipment, tools and implementation machines dedicated to the construction and maintenance of underground and overhead telecom networks. TELCOMAT has positioned itself as a telecommunications infrastructure expert, and has been providing regional high-speed broadband (THD) projects for several years. Today, TELCOMAT is defined by its agility and creativity, that is central to its entrepreneurial model. That allows it to stay in touch with its customers, to find with them tomorrow's technological and economic solutions.

For more information: www.telcomat.com

About KUZZLE

KUZZLE is a French startup launched in 2015 that publishes an installable IoT platform and open source mobile and agnostic cloud in order to accelerate the development of digital applications. The solution integrates advanced functionalities for IoT and Mobile such as security and authentication, management of APIs and real-time data, geolocation or geo-fencing. The KUZZLE solution has particularly been deployed in France and internationally to geolocate Bouygues Construction resources (materials, tools...), to monitor and remote control of the Aix-en-Provence TGV station equipments, for the CLEO mobile application of the Biogen



pharmaceutical company in the United States, for the European search engine Qwant and also for French national health institution (INPES).

For more information: www.kuzzle.io

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