



IoT connectivity & device management tools for the Anep E-BOX LoRa escalators and moving walkways IoT solution

Presentation of ANEP

ANEP is a French company founded in 1979, pionner and european leader in remote surveillance of elevators and escalators. ANEP solutions are used by many social landlords and premium sites managers in the services sector.

Business need

Escalators and moving walkways are key assets as they define and regulate people flow and there has an impact on well-being and revenues in shopping malls for instance. It is therefore key to optimize those systems. As a leader, ANEP was looking for bringing a more efficient and modern remote management solution compared to legacy systems while reducing costs. To do so, they sought a set of CLOUD tools that would ease the creation of the end to end solution relying on their control boxes at one end and their service portal at the other end.

Discover the related CommonSense IoT solution

Get to know how ANEP has implemented CommonSense features to meet the needs of the escalators field.

[Click here to discover the solution](#)



Solution

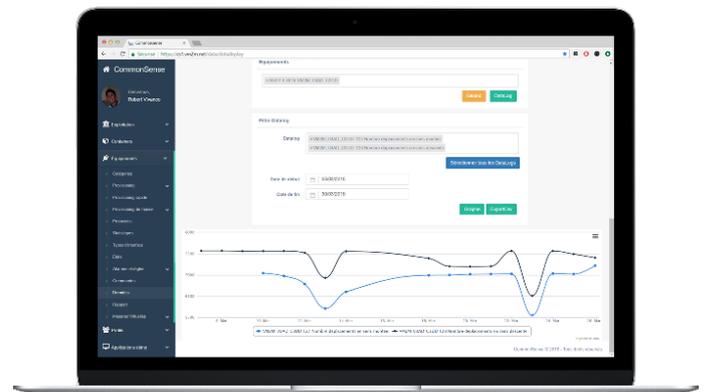
ANEP adopted the CommonSense IoT platform to build its end-to-end solution making the bridge between their LoRa control box, the different LoRa architectures available on the market that are all supported by CommonSense, and their existing service portal. CommonSense brings the IoT service tools including:

- Device provisioning and management tools;
- Rules engine for maintenance;
- Full REST APIs including data push bringing data and features to ANEP existing portal.
- All LoRaWAN network architectures supported: deploy the way you want



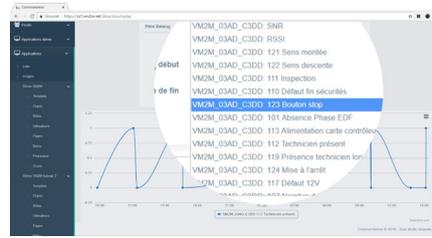
Laila Guareb,
E-BOX technical lead, ANEP

"In addition to manage IoT communications aspects, CommonSense has been a great asset in this project for its easy integration with business needs, using APIs quickly integrated with our own tools. Owing to the device management portal, the ability the manage devices and visualize alerts in a simplified maner greatly ease us the management of the fleets."

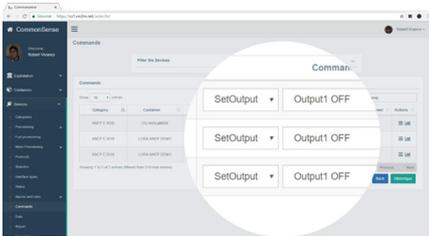




Category creation and device provisioning
 - Configuration of data types, commands, network connectivity.
 - Simple and mass provisioning capability.



Data visualization
 Complete data visualization of the 18 different data types.



Commands
 Configuration of commands in the device category. Individual or group commands available.



Custom dashboard
 Application design module to perform tests of deliver dashboards to clients and partners.



Multiple LoRa network configuration support
 - 100% private

Benefits

ANEP developed successfully its end to end IoT solution that can be mutualized with other Smart Building solutions as it uses the LoRa open protocol and the open CommonSense IoT platform.



Cost-effective

Thanks to LoRa and a turnkey platform enabling lower development costs.
 Transparent and simple SaaS business model with monthly or annual fee.



Flexible solution

- Clients can use any LoRa architecture available on the market as CommonSense support all of them.
 - APIs



Fast time to market with ready to use tools