

The Software République unveils cleveR insights: a new approach to territorial intelligence serving public action

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Five years after its creation, the Software République and its six members - Atos, Dassault Systèmes, JCDecaux, Renault Group, STMicroelectronics and Thales - present **cleveR insights**, an innovative solution designed to provide local authorities with a comprehensive, sustainable and operational view of their territory, enabling them to make the best decisions on a daily basis. **cleveR insights** will be previewed at the Renault Défilé (Champs-Élysées, Paris) from June 13 to 14, and then at VivaTech on June 19 at the JCDecaux booth (Paris Porte de Versailles).

Pollution, noise disturbances, infrastructure degradation, pressure on natural resources, and the increasing frequency of extreme climate events are having a growing impact on local areas.

These events represent signals that local authorities must integrate on a daily basis to guide their decisions.

While some data is collected at regular intervals, it often remains fragmented, difficult to exploit, and rarely interconnected. Capturing and leveraging this data therefore represents a key challenge for more efficient territorial management.

With *cleveR insights*, the Software République will enable territories to better understand on-the-ground realities, act more quickly, and make coordinated decisions, for the benefit of residents' quality of life.

Thanks to a modular and sovereign architecture, this innovative solution adapts to the needs of local authorities and integrates advanced technologies such as artificial intelligence, augmented vision, predictive analytics, and environmental simulation.

"We are giving local authorities the means to act more effectively today while anticipating tomorrow's challenges. Our ambition is to provide them with a detailed understanding of their territory to sustainably improve residents' quality of life" says **Laurence Bechon, COO of Software République**.

Capturing the invisible, coordinating action

cleveR insights is a comprehensive ecosystem based on the collection, cross-referencing and analysis of data from multiple sources:

- fixed, temporary or mobile sensors;
- smart street furniture ;
- field observations ;
- environmental or satellite data ;
- citizen contributions.

This information is integrated into an open, secure and scalable architecture, then analyzed in real

time by a hypervision center to trigger appropriate interventions and prioritize actions based on urgency. At the same time, it feeds virtual twins of the territory to simulate different planning scenarios and assess their environmental and societal impacts with scientific accuracy.

This approach benefits from a significant boost from artificial intelligence, enabling a shared, consistent and up-to-date understanding of the territory, accessible to all stakeholders and facilitating better coordination.

Mobility as an intelligent sensor

In this approach, mobility plays a major role. Whether it involves everyday vehicles, dedicated fleets, or even citizens sharing information in real time, all act as mobile observation points capable of continuously collecting data or during specific measurement campaigns.

When combined with other sources of information, this data enables a fine, real-time, and contextualized assessment of the territory, thanks to an agile and mobile approach that is much faster to deploy than traditional static infrastructures.

Better understanding to take better action

cleveR insights focuses on turning data into operational decisions. Harmonized within a sovereign platform, the data is presented through dynamic maps integrated into shared dashboards, facilitating the management and coordination of actions.

This approach makes it possible to move from occasional observation to continuous insight, and from fragmented data to coordinated public action, thereby contributing to proactive, efficient, and sustainable territorial management.

Examples of applications :

- **Road infrastructure:** detection of degraded areas, impact zones, hazardous or noisy zones.
- **Health:** analysis of pollution and noise levels.
- **Rural areas:** anticipation of drought risks.

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About Software République

Software République is an open innovation ecosystem dedicated to smart, secure and sustainable mobility. It is made up of six members: Atos, Dassault Systèmes, JCDecaux, Renault Group, STMicroelectronics and Thales.

Software République develops joint projects focused on the mobility of the future through its unique model of horizontal collaboration. The ecosystem stands out for its innovative approach, combining established companies and start-ups from diverse backgrounds to bring to market products and services that address the new challenges of connected vehicles, smart cities and energy. These

projects rely on the complementary expertise of its partners in semiconductors, data analytics, artificial intelligence, cybersecurity, connectivity and digital twins, as well as on the ambition to invent a new model of innovation that keeps people and the environment at the heart of its motivation.

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