



## Software République adds six more start-ups to its incubator and announces a new project to develop an app to estimate driver drowsiness

- A second batch of start-ups joins the Software République tailor-made incubator program and includes Basemark, CommuniThings, Compredict, CORE for Tech™, Entropy and Neovya
- The first Bring Your Own Device (BYOD) solution being developed is firstly for Dacia to estimate driver drowsiness and to suggest when and where to have a rest
- Basemark and CORE for Tech are part of the BYOD project to improve the driver and passenger experience

Paris, September 19, 2022 - [Software République](#), an open innovation ecosystem for intelligent, secure and sustainable mobility, founded by Atos, Dassault Systèmes, Orange, Renault Group, STMicroelectronics and Thales, today announces that six new start-ups are to join its [incubator](#), bringing the total to ten start-ups within its program.

[Launched in March 2022](#), the tailor-made incubator program has a dual purpose: to accelerate joint projects with the selected start-ups and also to enhance the open innovation of the six founding companies.

Two of these start-ups are **CORE for Tech**, a deep tech company which measures and estimates drowsiness while driving, and **Basemark**, a software company offering development tools for the automotive industry. Both join as part of Software République's **Bring Your Own Device (BYOD)** project which aims to improve the driver and passenger experience by developing new features using the customer's own smartphone or tablet.

As part of the BYOD project, under the impulsion of its first customer Dacia, Software République is working with **CORE for Tech** to develop a unique feature to enrich Dacia's Media Control app. This new feature suggests when and where to take rest stops on the route, in order to help drivers plan their journey safely. Based on a unique-to-the-market algorithm coupled with camera-based technology, it takes into account the physiological conditions of the driver, the journey route and the trip conditions (weather, traffic, type of road).

Software République plans to further develop this feature and others within the BYOD project to offer innovative use cases for the automotive industry. These uses cases will be available to all vehicle manufacturers and fleet companies.

The two start-ups incubated as part of the BYOD project are:

### Basemark

Basemark offers tools for software defined vehicle development. The start-up is the developer of Rocksolid Core – the world's first automotive end-to-end operating system and platform covering all



vehicle functions for software-defined vehicles. Applications authored with Rocksolid Core can run on multiple different underlying hardware.

### **CORE for Tech**

CORE for Tech enhances drivers' safety by delivering predictive fatigue and drowsiness intelligence. Its solution not only predicts drowsiness but does this in connection with the journey to be travelled.

The Software République incubator will integrate four other start-ups:

### **CommuniThings**

CommuniThings is a smart-parking company active in on-street guidance and parking control. Its IoT platform consists of ground sensor or camera detection, and a rich service portfolio for end-user guidance, and parking enforcement. A pioneer of electric-vehicle spot management, CommuniThings addresses EV spot reservation, payment, and spot usage optimization.

### **Compredict**

A German start-up that provides AI-enabled virtual sensors. This technology can replace and simulate existing hardware sensors in vehicles and enhance available vehicle data. The insights produced by virtual sensors enable predictive maintenance and new service opportunities for vehicle OEMs.

### **Entropy**

Entropy supports territories in optimizing shared mobility services. Its Artificial Intelligence model predicts the mobility needs of the population of today and tomorrow. It promotes a transport offer that is as close as possible to the needs of users in order to meet our societal and environmental challenges.

### **Neovya**

Neovya accelerates the transition to a smoother, safer and more sustainable mobility system by providing expert mapping, data analysis and simulation software solutions. Its flagship solution is Neovya Hubsim, a collaborative web platform that allows territorial actors to understand the issues, test projects endlessly and make informed decisions.

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### **How to join the Software République incubator:**

Visit [softwarerepublique.eu](http://softwarerepublique.eu) and complete the startup contact form in as much detail as possible, highlighting specific ways of working with the members of Software République.

The selection committee meets twice a year, in June and December, for entry into an incubator in September of that same year and in January of the following year.

For more information on Software République, visit: [softwarerepublique.eu](http://softwarerepublique.eu)

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## About Atos

Atos is a global leader in digital transformation with 112,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high-performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris.

The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

## About Dassault Systèmes

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative 3D virtual environments to imagine sustainable innovations. By creating virtual twin experiences of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production to achieve a more sustainable world for patients, citizens, and consumers. Dassault Systèmes brings value to more than 300,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com)

## About Orange

Orange is one of the world's leading telecommunications operators with sales of 42.5 billion euros in 2021 and 137,000 employees worldwide at 30 June 2022, including 76,000 employees in France. The Group has a total customer base of 282 million customers worldwide at 30 June 2022, including 236 million mobile customers and 24 million fixed broadband customers. The Group is present in 26 countries. Orange is also a leading provider of global IT and telecommunication services to multinational companies under the brand Orange Business Services. In December 2019, the Group presented its new "Engage 2025" strategic plan, which, guided by social and environmental accountability, aims to reinvent its operator model. While accelerating in growth areas and placing data and AI at the heart of its innovation model, the Group will be an attractive and responsible employer, adapted to emerging professions. Orange is listed on Euronext Paris (symbol ORA) and on the New York Stock Exchange (symbol ORAN). For more information on the internet and on your mobile: [www.orange.com](http://www.orange.com), [www.orange-business.com](http://www.orange-business.com)

## About Renault Group

Renault Group is at the forefront of a mobility that is reinventing itself. Strengthened by its alliance with Nissan and Mitsubishi Motors, and its unique expertise in electrification, Renault Group comprises 4 complementary brands - Renault, Dacia, Alpine and Mobilize - offering sustainable and innovative mobility solutions to its customers. Established in more than 130 countries, the Group has sold 2.7 million vehicles in 2021. It employs nearly 111,000 people who embody its Purpose every day, so that mobility brings people closer. Ready to pursue challenges both on the road and in competition, Renault Group is committed to an ambitious transformation that will generate value. This is centred on the development of new technologies and services, and a new range of even more competitive, balanced and electrified vehicles. In line with environmental challenges, the Group's ambition is to achieve carbon neutrality in Europe by 2040. <https://www.renaultgroup.com/en/>

## About STMicroelectronics

At ST, we are 48,000 creators and makers of semiconductor technologies mastering the semiconductor supply chain with state-of-the-art manufacturing facilities. An integrated device manufacturer, we work with more than 200,000 customers and thousands of partners to design and build products, solutions, and ecosystems that address their challenges and



opportunities, and the need to support a more sustainable world. Our technologies enable smarter mobility, more efficient power and energy management, and the wide-scale deployment of the Internet of Things and connectivity. ST is committed to becoming carbon neutral by 2027. Further information can be found at [www.st.com](http://www.st.com).

#### **About Thales**

Thales (Euronext Paris: HO) is a global leader in advanced technologies, investing in digital and “deep tech” innovations – connectivity, big data, artificial intelligence, cybersecurity and quantum computing – to build a confident future crucial for the development of our societies. The Group provides its customers – businesses, organizations and governments – in the defense, aeronautics, space, transport, and digital identity and security domains with solutions, services and products that help them fulfill their critical role, consideration for the individual being the driving force behind all decisions. Thales has 81,000 employees in 68 countries. In 2021, the Group generated sales of €16.2 billion. [www.thalesgroup.com](http://www.thalesgroup.com)

