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WedoLow and OPmobility's software entity OP'nSoft join forces to lead the way for optimized and sustainable software in the automotive industry



WedoLow, specialized in optimizing the performance and efficiency of embedded and hosted applications, and OP'nSoft, OPmobility's software entity, join forces to provide OPmobility's automotive and mobility customers with the best solutions for improving the performance of embedded software. This leads to an optimization of software power-consumption, memory space used and software execution time.

Félicie Burelle, Managing Director of OPmobility, said: "As vehicles transform into software-defined entities, the need for optimized code becomes strategic, and WedoLow is at the forefront of this transformation. Our collaboration is fueled by the conviction that eco-design is essential to combine efficiency with performance. As OPmobility's OP'nSoft entity continues to break new ground with its software initiatives, partnering with WedoLow aims at ensuring that the underlying software is as light and efficient as the cars of the future need to be."

Justine Bonnot, CEO and founder of WedoLow, added: "By 2025, a vehicle will carry even more embedded software than it does today. This is likely to represent more than 650 million lines of code! This volume forces us to radically rethink our development practices in order to control their environmental and economic impact. The aim of our partnership with OPmobility is to facilitate the transition to software-defined vehicles and to guarantee the performance and sustainability of embedded software."



When presented with software, WedoLow's product connects to the software source code and analyzes various key performance criteria. It generates a precise diagnosis of the code and quantifies its optimization potential. The developer can then easily select all or some of the optimization options that seem relevant and implement them.

This allows reducing software power consumption by up to 50%, freeing up around 30% of processor load, and optimizing software application runtimes by 40%. As a result, it makes it easily possible to offer more functionalities, strengthen cyber security, and considerably increase response times without having to make significant upgrades.

About WedoLow

WedoLow was founded in April 2022 by Justine Bonnot, an electronics and industrial computing engineer with a doctorate in signal processing, following her thesis and almost 3 years of technological development at the IETR and the INRIA start-up studio in Rennes. WedoLow markets beLow, an innovative product that is unique on the market for facilitating the design of embedded and cloud applications written in C/C++. WedoLow's ambition is to become the benchmark for eco-design of embedded and cloud applications.

About OPmobility

OPmobility (formerly Plastic Omnium) is a world leader in sustainable mobility and a worldwide technology partner to actors from every mobility sector. Innovation-driven since its foundation in 1946, OPmobility has five complementary Business Groups offering its customers a wide range of solutions: intelligent exterior systems, customized complex modules, lighting systems, energy storage systems, and battery and hydrogen electrification solutions. OPmobility's customers also benefit from OP'nSoft, its inhouse software development specialist. With €11.4 billion economic revenue in 2023 and an international footprint of 152 plants and 40 R&D centers, OPmobility relies on its 40,300 employees to meet the challenges of making mobility more sustainable.

OPmobility is listed on Euronext Paris, compartment A. It is eligible for the Deferred Settlement Service (SRD) and is part of the SBF 120 and CAC Mid 60 indices (ISIN code: F FR0000124570). www.opmobility.com

About OP'nSoft

OP'nSoft, an entity of OPmobility, is responsible for the software development for all the OPmobility's products, services and innovations portfolio. OP'nSoft is the chosen solution by OPmobility to capture opportunities brought by the strong growth of software in the automotive industry, and to address 'Software Defined Vehicle' and software as a pure Product.

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