

Dassault Systèmes Enables Renault's LCI to Experiment with an Electric Car for Last-Mile Delivery

- Renault's in-house Cooperative Innovation Laboratory (LCI) uses 3DEXPERIENCE platform to imagine disruptive mobility solution for urban areas
- Real-time, secure collaboration on the cloud gives LCI team the agility of a startup
- Virtual value network connects diverse internal and external project team members

VELIZY-VILLACOUBLAY, France — May 23, 2019 — [Dassault Systèmes](#) (Euronext Paris: #13065, DSY.PA) announced that the in-house [LCI \(Cooperative Innovation Laboratory\)](#) of [Groupe Renault](#) used the 3DEXPERIENCE platform to transform its innovation processes to the cloud and introduce [Renault EZ-FLEX](#), an electric experimental vehicle aimed to understand the last-mile delivery of goods in future smart cities.

The LCI relied on the "[Electro Mobility Accelerator](#)" industry solution experience based on the 3DEXPERIENCE platform. Designers, engineers, system architects, cost analysts, marketers and other team members, as well as external partners and suppliers, were connected in a virtual value network that facilitated open innovation, secure collaboration, design and engineering in real time. Team members viewed and validated product aesthetics and technical requirements, analyzed market trends, and easily managed the project using 3D digital assets such as immersive virtual reality, information intelligence and a digital twin of the vehicle.

"The 3DEXPERIENCE platform opens new avenues for collaborative digital tools applied to the automotive world that go beyond pure engineering design," said Laurence Montanari, Senior Innovation Manager and Head of the EZ-FLEX Project, Groupe Renault. "Our Renault EZ-FLEX project tested it to bring together project stakeholders from engineering, design and product marketing – each with their own challenges – around the vehicle's digital model. Using a cloud version without any customization gave us the autonomy to engage in a new digital 'test and learn' experience with dashboard managers, powerful realistic rendering images, urban delivery web monitoring, and virtual visualization with a headset but without data transfer or processing."

As the rise in e-commerce feeds demand for faster delivery of goods to consumers, the LCI's last-mile delivery vehicle showcases an innovative experimentation of a smart and modular solution to load, transport and unload goods in cities integrating electric mobility systems.

"The future for carmakers is not about just building individual vehicles or going from point A to point B. It's about developing completely new mobility experiences that change how we live," said Olivier Sappin, Vice President, Transportation & Mobility Industry, Dassault Systèmes. "Today's established companies are being challenged by startups and newcomers that don't have legacy systems and are agile from the get-go. A platform approach enables the LCI to reveal its knowledge and know-how, and introduce concepts for potential new business models."

Social media:

Share this on Twitter: Latest car from @Groupe_Renault LCI innovation lab for #lastmile delivery created w/ #3DEXPERIENCE @Dassault3DS #cloud

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For more information:

Dassault Systèmes' industry solution experiences for the Transportation & Mobility industry: <https://ifwe.3ds.com/transportation-mobility>

Dassault Systèmes' 3DEXPERIENCE platform, 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions: <http://www.3ds.com>

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About Dassault Systèmes

Dassault Systèmes, the 3DEXPERIENCE Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 250,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.

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