

Press Release

IVECO BUS innovates its vehicle development process with IC.IDO virtual simulation

*A pioneer in sustainable mobility solutions at the forefront of innovation, IVECO BUS presents at Busworld its use of **IC.IDO**, the virtual reality engineering software developed by ESI Group in its product development process. The benefits of this virtual prototyping software range from improvements in the assembly, operation and maintenance of the vehicles to quickly evaluating the feasibility of customers' customization requests.*

Vénissieux, 6 October 2023

IC.IDO, the virtual prototyping software developed by ESI Group, digitally validates a vehicle design in terms of quality, production capacity utilization, safety, security, and operational and maintenance costs.

The Virtual Reality headsets enable the experience of the vehicle in an immersive environment, walking around the product in a true-to-life environment on a 1:1 scale, reaching for tools as needed, interacting with new product concepts, anticipating possible issues, and consequently enabling rapid decision-making by stakeholders. Virtual prototyping is one of the most innovative ways to optimize development times, prove feasibility and ensure consistency in production processes.

IC.IDO also benefits directly the customer experience, as it enables IVECO BUS to immerse them in the selection and validation process of their solution in all phases of product development. This eliminates the need for physical mock-ups or vehicles. It can even be used to validate the configuration of a vehicle before placing the order.

It can also be used to check upstream of the design process the accessibility to hatches and technical components to facilitate maintenance operations for customers and dealers. Finally, it is a valuable tool for training and vehicle discovery.

Finally, **IC.IDO** offers the manufacturer a clear advantage in vehicle design. Engineering teams can anticipate complex cases, improve driver ergonomics, facilitate design reviews, and immerse all stakeholders in the world of design, while Manufacturing teams can improve the ergonomics of workers on the production lines.

The benefits of this type of software for all stakeholders – from the manufacturer to the dealer and customer – are clear: efficiency and reliability, responsiveness and time savings, and optimization of design and customization costs while contributing to reducing the carbon footprint.

IVECO BUS

IVECO BUS is a brand of Iveco Group N.V. (EXM: IVG), a global leader in commercial and specialty vehicles, powertrain, and financial services, listed on the Borsa Italiana in Milan.

With a worldwide presence and a leading position in Europe in sustainable public transport, IVECO BUS supports public and private operators in all their missions, with an offer of global mobility solutions available in different energies, such as electric or powered by compressed natural gas compatible with biomethane.

The overall offer includes:

- school, intercity and tourism coaches;*
- standard and articulated city buses, including BRT dedicated versions; city midibuses*
- minibuses for all passenger transport missions.*
- connectivity and fleet management services available through IVECO ON*
- a portfolio of products and services with Energy Mobility Solutions, from simulations and design to the supply of charging stations, and installation and maintenance of the charging infrastructure*

The extensive IVECO BUS and IVECO service network guarantees assistance around the world wherever an Iveco Bus vehicle is at work.

IVECO BUS employs over 5,000 people across five production units, in Annonay and Rorthais, France, Vysoké Myto, Czech Republic, Brescia and Foggia, Italy.

For further information about IVECO BUS: www.ivecobus.com

For further information about Iveco Group: www.ivecogroup.com

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