

## Press Release

### **DIGITAL SECURITY: IVECO BUS AT THE FOREFRONT OF PROTECTING ITS VEHICLES**

*As buses and coaches become increasingly connected, cybersecurity represents a major strategic challenge and a priority for IVECO BUS, starting from the vehicle design phase.*

*In addition to advances toward ever-cleaner mobility, at IVECO BUS, our technicians, engineers and experts also play a crucial role in preventing and protecting against the risk of cyber incidents. This allows us to provide our customers with a unique solution that ensures safety and security in a constantly evolving regulatory landscape.*

Vénissieux, January 28, 2025

Buses and coaches use increasingly advanced technologies to facilitate their operation and maintenance. This technological advancement, linked to vehicle connectivity, can make them potential targets for cyberattacks. Consequently, the passenger transport sector therefore has no choice but to strengthen its cybersecurity.

Our priority is to combine innovation, cybersecurity, and functional safety, and we have been working for several years to strengthen protection against the risks of cyberattacks. With more than 10,000 connected buses and coaches, IVECO BUS offers a complete range of connected services, enabling the sharing of vehicle data as well as the supervision and optimization of customers' use of an entire fleet of electric or thermal vehicles.

Beyond the costs that may arise from a cyberattack, the primary objective is to guarantee maximum protection against data theft and vehicle control breaches. This is a crucial element for protecting transport operators and ensuring passenger safety.

A connected vehicle exchanges data with the outside world through various communication channels.

Our cybersecurity experts have primarily focused on compliance with the European regulation UN R155, applicable to coaches and buses since July 2024. The main objective of this regulation is to protect vehicles against cyberattacks and ensure that cybersecurity management systems are effective. This includes the prevention, detection and response to cyber threats through various requirements.

1. **Cybersecurity Measures from the Design Phase:** Our vehicles incorporate cybersecurity measures from the design phase to minimize risks. The electrical and electronic units are protected by mechanical locking as well as a secure gateway to protect the on-board computer systems against incidents, whether accidental or malicious.
2. **Cybersecurity Management Systems (GSRII):** Our vehicles are equipped with cybersecurity management systems to detect, prevent, and respond to cyber threats. These systems are capable of continuously monitoring potential cyberattacks, alerting operators in the event of a threat, and deploying countermeasures to neutralize attacks.
3. **Compliance and Evidence:** We have provided evidence of compliance with security requirements to obtain vehicle approval. This has involved penetration testing, security audits and third-party certifications to ensure that the vehicles meet the cybersecurity standards established by the regulation.
4. **Software Updates:** The regulation also includes requirements for software update management to ensure that vehicles remain protected against new threats.

*"In an increasingly connected sector, cyber risks are becoming increasingly significant. Addressing this challenge is crucial to ensuring our customers can operate our vehicles safely. That's why, at IVECO BUS, we have developed technical solutions to protect against these risks while complying with current regulatory requirements. As a result, our vehicles are connected, but in a secure way,"* said Philippe Grand, Bus Digital Product Manager.

## 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](http://www.ivecobus.com)*

*For further information about Iveco Group: [www.ivecogroup.com](http://www.ivecogroup.com)*

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