



# MESH Transport & Logistics

– Empower trust in digitalization



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Information exchange is evolving in the dynamic world of transport and logistics, but challenges persist. Relying on paper documents creates inefficiencies, hindering seamless collaboration among industry stakeholders. Shippers, logisticians, carriers, and software publishers are entangled in diverse tools with the need for interoperability.

Embrace the future of transport and logistics with MESH – where innovation meets efficiency, and paper documents and certificates become a relic of the past.

Revolutionize your information exchange and advance your business into a new era of seamless and secure digital collaboration. Making authentication of the information holder and the information itself a streamlined experience.



This project is sponsored by the French government as part of the France 2030 program led by ADEME.

**You want to simplify, digitalize and secure:**

- **Authentication of Professionals**
- **Onboarding your Employees and/or Subcontractors**
- **Proofs of transfer of loading responsibility**
- **Transmission of reliable and accurate data to enhance decarbonization efforts**



## Seamless secure, trust-based data exchange with all stakeholders

- Interoperable ready-to-use solution
- Suitable for all company sizes
- Unified authentication for all services and systems
- Decentralizing data exchanges between different information systems
- Empowering decarbonization





## Efficiency, security, and simplicity at the heart

IN Groupe offers a comprehensive, open, and interoperable ready-to-use solution and mobile application for all players in the Transport & Logistics industry. Our cutting-edge solution centralizes and manages data in a digital wallet, revolutionizing exchanges among shippers, carriers, and software publishers with outstanding efficiency and security.

### Key benefits of MESH Transport & Logistics:

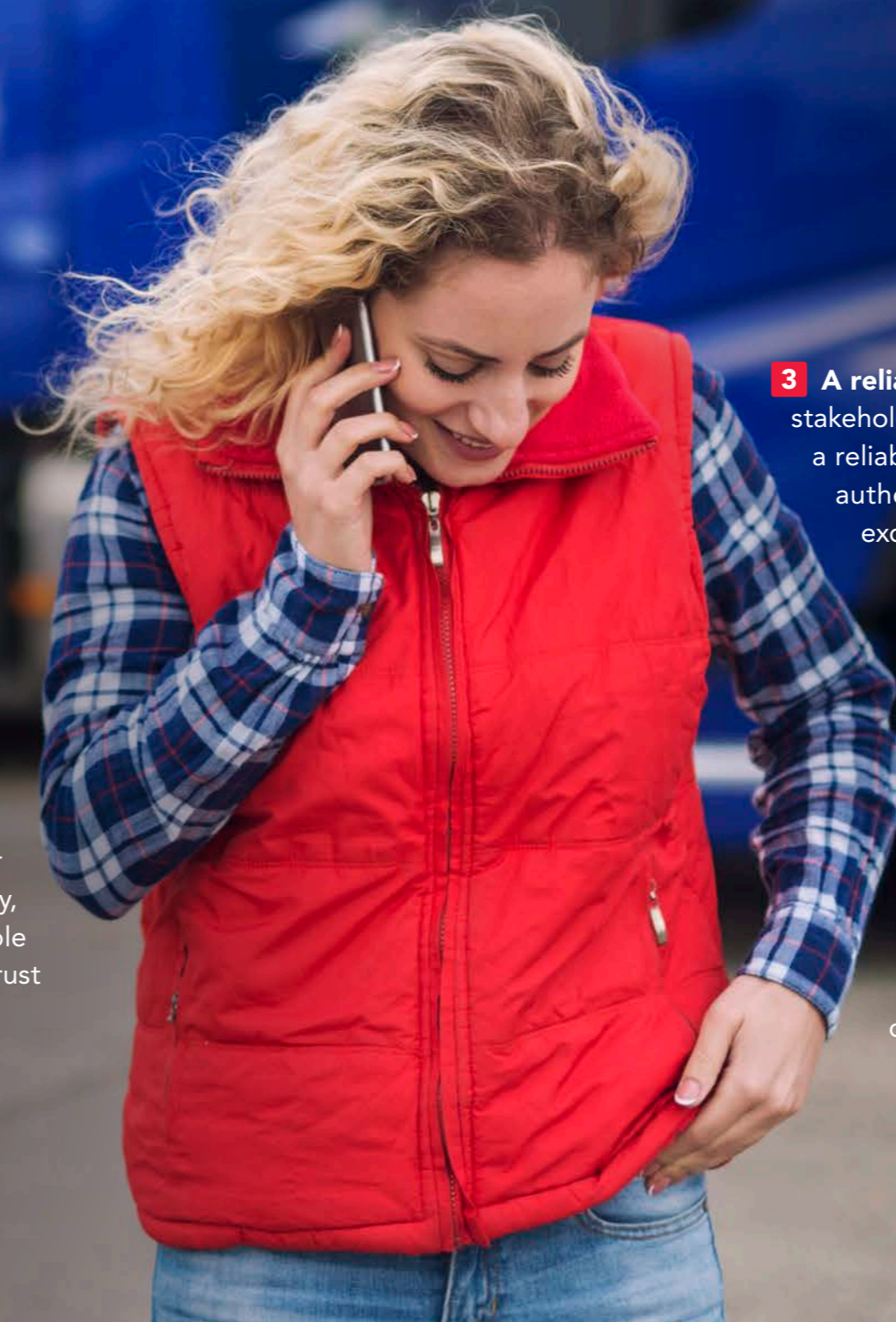
**1 Inclusive digital services:** Empower companies of all sizes, including VSEs/SMEs/SMLs, with seamless access to a diverse range of digital services.

**2 Secure information exchange:** Establish a robust framework for secure information exchange within the Transport & Logistics industry, safeguarding critical data at every step. Facilitate secure, verifiable credentials issuance, promoting seamless checks and enhancing trust in the digital exchange process.

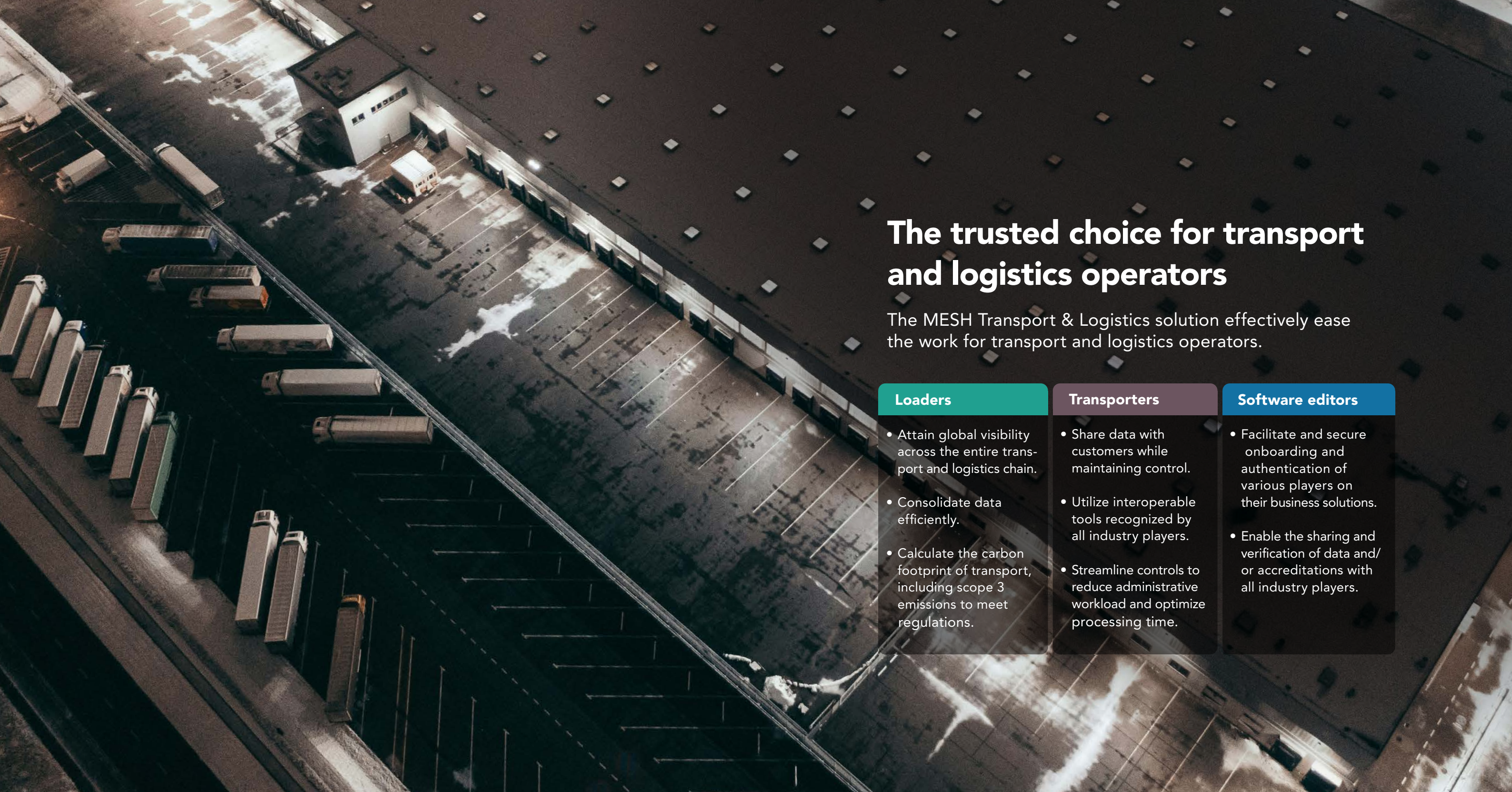
**3 A reliable and secure digital identity:** Provide all stakeholders in the transport and logistics sector with a reliable and secure digital identity. Enable secure authentication, fostering trust, and facilitating exchanges among industry players.

**4 Decompartmentalized exchanges:** Break down industry silos and foster a new era of collaboration with seamless exchanges between all players, creating a united front of secureness and efficiency.

**5 Contribution to decarbonization:** Play a vital role in the industry's sustainability efforts by facilitating modal reporting, offering shareable and trusted information, and supporting the collective journey towards decarbonization.







## The trusted choice for transport and logistics operators

The MESH Transport & Logistics solution effectively ease the work for transport and logistics operators.

### Loaders

- Attain global visibility across the entire transport and logistics chain.
- Consolidate data efficiently.
- Calculate the carbon footprint of transport, including scope 3 emissions to meet regulations.

### Transporters

- Share data with customers while maintaining control.
- Utilize interoperable tools recognized by all industry players.
- Streamline controls to reduce administrative workload and optimize processing time.

### Software editors

- Facilitate and secure onboarding and authentication of various players on their business solutions.
- Enable the sharing and verification of data and/or accreditations with all industry players.



# Authentication and on-boarding with MESH Transport & Logistics

## Authentication of Professionals

Industry professionals can use the MESH Transport & Logistics Digital Identity to access diverse services without creating individual user accounts. This eliminates the burden of remembering numerous logins and passwords.

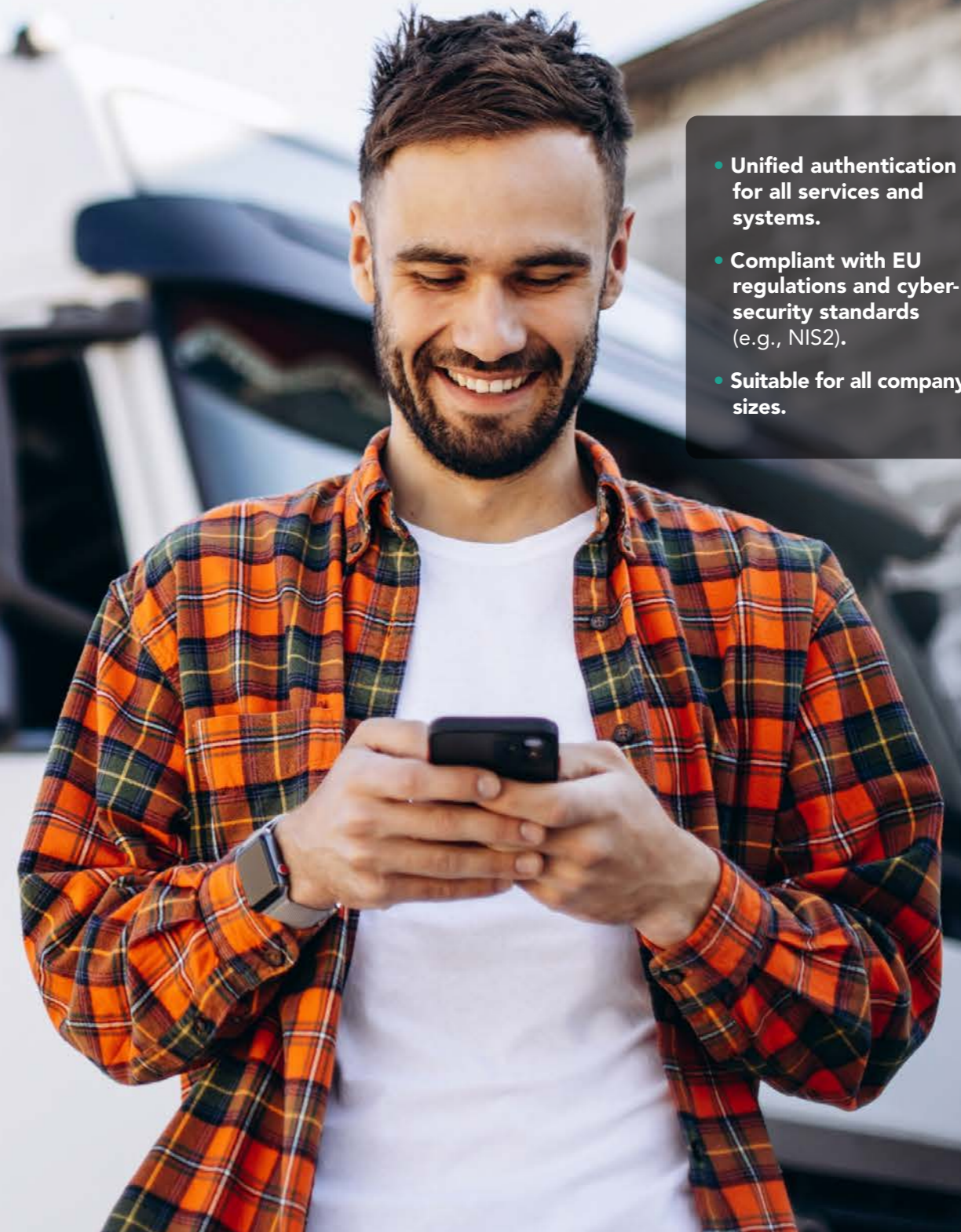
Service providers can authenticate and identify industry professionals through their MESH Transport & Logistics Digital Identity, streamlining the recognition process without requiring onboarding before using the solution.

## Onboarding Employees and/or Subcontractors

Transport companies benefit from MESH Transport and Logistics when onboarding new employees or engaging with subcontractors. The solution facilitates interfacing with unknown stakeholders, allowing easy verification of digital credentials. For instance, verifying a driver's license, driver's qualification card, and ADR/carriage of dangerous goods.

Transport and logistics professionals can leverage their digital identity and credentials received from various issuers, such as government agencies and training centers, to authenticate themselves easily. They can present their credentials when interacting with service providers, including employers and contractors.

- Unified authentication for all services and systems.
- Compliant with EU regulations and cyber-security standards (e.g., NIS2).
- Suitable for all company sizes.





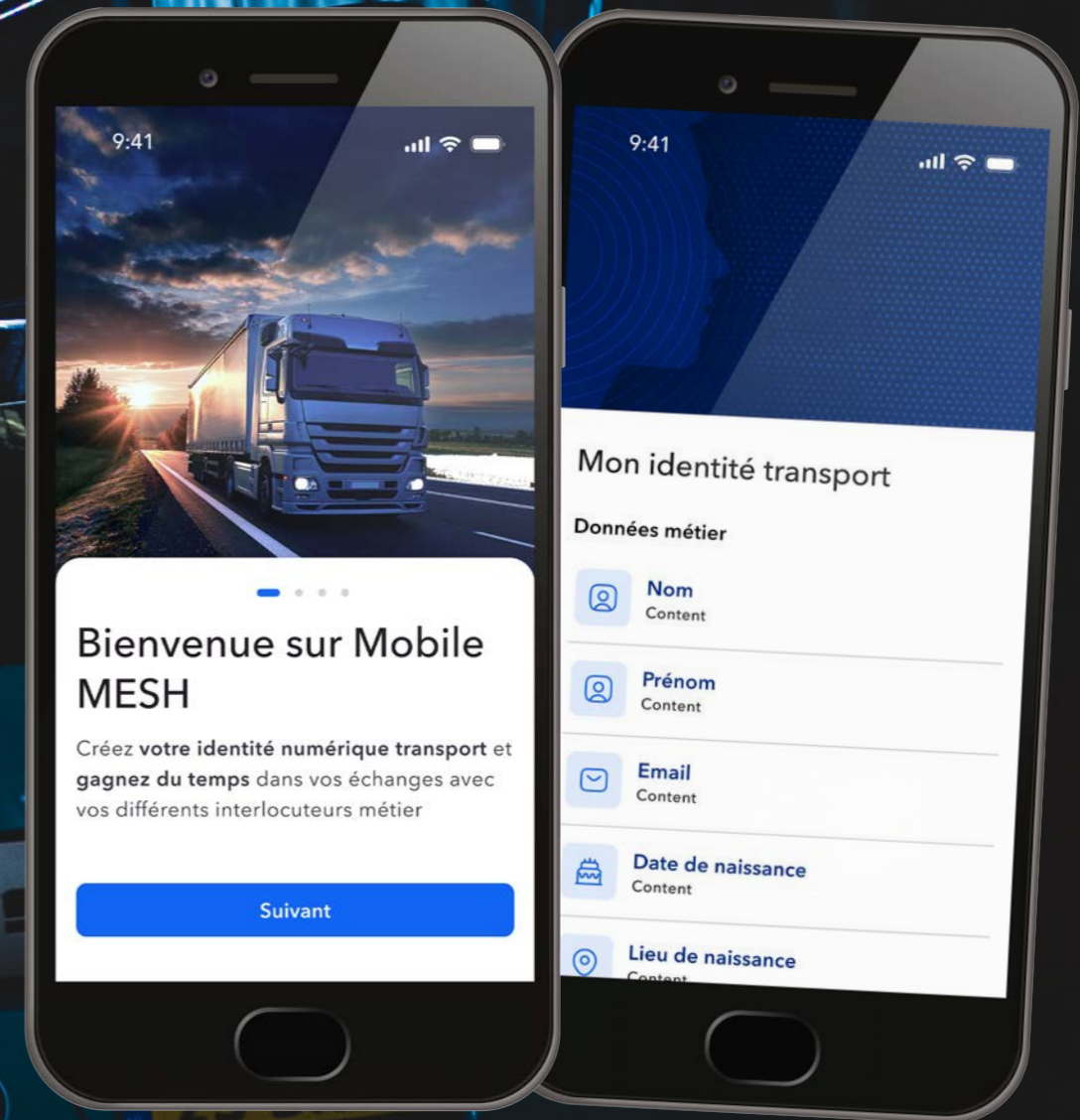
## Proof of transfer of loading responsibility with MESH Transport & Logistics

Transport professionals are responsible for their clients' freight, whether acting as a loader, transporter, or consignee. Business protocols demand evidence of the transfer of freight responsibility to be documented and accessible in case of stakeholder disputes. Consignment Letters (CMR) and their digital equivalent, e-CMR, fulfill this role.

Transport professionals can securely retain and document evidence of responsibility transfer in a universally accessible format.

Service providers can seamlessly exchange proof of responsibility evidence across different information systems and business solutions. W3C-VC ensures readability and verifiability by all stakeholders, fostering business interoperability like a human-readable paper version of the CMR but with e-CMR data.

- **Decentralizing data exchanges between different information systems.**







## Empowering decarbonization through seamless data sharing with MESH Transport & Logistics

Thanks to MESH Transport & Logistics, industry players can effortlessly share all data related to the carbon footprint of their loads with connected, interoperable information systems. This enables simplified and controlled monitoring of current legislation, facilitating the sector's decarbonization.

Transport professionals can readily access the necessary data to calculate their carbon footprint, while service providers maintain control over shared information and ensure data confidentiality.

- **Transmission of reliable, accurate information in compliance with business secrecy rules to enhance decarbonization efforts.**



## About IN Groupe

IN Groupe places data protection and privacy at the heart of its innovation strategy. We conduct in-depth research into digital identity, acceptability, control, and trust, deploying a resolutely European vision of data protection and identity.

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