

UK SME offering intelligent software to track heavy duty vehicles (HDVs) and automatically update bookings at delivery locations, ports, EV charging sites, parking/truck stops, etc., seeks cooperation partners for pilots and trials.

## Summary

Profile type

**Technology offer**

Company's country

**United Kingdom**

POD reference

**TOGB20250908002**

Profile status

**PUBLISHED**

Type of partnership

**Commercial agreement with  
technical assistance**

Targeted countries

**• World**

Contact Person

**Enrico FRANZIN**

Term of validity

**8 Sep 2025****8 Sep 2026**

Last update

**8 Sep 2025**

## General Information

### Short summary

UK SME with expertise in heavy duty vehicle (HDV) fleet operations and EV charging is offering a novel intelligent ICT backend. The software integrates with all telematics and Transport Management Systems (TMS) to track HDVs in real time and automatically update booking plans. The company seeks cooperation partners (EV charging site operators to maximise utilisation and HDV fleet operators to minimise lost running time) for pilots and trials under commercial agreement with technical assistance.

### Full description

The company has a long history in the field of HDVs and EV charging, developing many technical solutions for OEMs, fleet operators, and site/depot owners. Since 2020, the company has been developing scalable intelligent ICT backend systems for HDVs. The company believes digital tools, which automatically optimise operations to maximise asset efficiency, will lower costs and, in the case of zero-emission electric HDVs, will accelerate road transport decarbonisation.

The company has developed a new intelligent software to automatically update bookings, known as Dynamic

Reservation Management (DRM). It optimises HDV stop schedules at delivery locations, ports, EV charging sites, parking/truck stops, etc., based on actual HDV movements, journey plans, and location availability.

The DRM software tracks individual HDVs in real time using vehicle telematics and tracks planned journeys in the TMS. When a HDV is delayed, for example due to traffic conditions, the DRM software recognises this. The actual arrival time is calculated, and the location booking is updated. Depending on the length of delay and subsequent location availability, alternative stop locations can also be planned.

In the case of electric HDVs and EV charging sites, the electric HDV's residual energy and required energy are also calculated to update the charging booking duration. To safeguard HDV fleet operators' data privacy, especially regarding routes and customers, the DRM software uses spatial cloaking techniques to obfuscate geolocations. This all happens automatically in the ICT backend, providing a seamless customer experience.

The DRM software is already in use in pilots in the UK. The company seeks cooperation partners for pilots and trials in other countries. These will not involve additional effort by the partner since the DRM software runs in the ICT backend, and the company will be responsible for the digital integration and the data collection. The partner will only be expected to undertake normal day-to-day operations, with expected operational benefits in terms of improved utilisation and savings in lost running time, leading to economic gains. The partner will also be asked to share customer experience feedback, which will inform the company's CI/CD and product rollout.

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#### Advantages and innovations

- The company has a long history in the field of HDVs and EV charging. It invests heavily in R&D and has developed scalable intelligent ICT backend systems for HDVs since 2020, with patents pending on the current DRM solution.
  - The DRM software helps operators of delivery locations, ports, EV charging sites, parking/truck stops, etc., visited by HDVs, to maximise utilisation. And it helps HDV fleet operators, to minimise lost running time. These benefits deliver optimum operational efficiency in real time.
  - The DRM software updates bookings automatically, providing a seamless customer experience. It also uses spatial cloaking techniques to obfuscate geolocation data, which safeguards HDV fleet operators' commercially sensitive routes and customers.
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#### Technical specification or expertise sought

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#### Stage of development

**Available for demonstration**

#### IPR Status

**IPR applied but not yet granted**

#### IPR Notes

#### Sustainable Development goals

- **Goal 12: Responsible Consumption and Production**
- **Goal 9: Industry, Innovation and Infrastructure**

## IPR Notes

## Partner Sought

### Expected role of the partner

The company seeks potential cooperation partners for pilots from any of the following categories:

- Operators of locations visited by HDVs (such as delivery locations, ports, EV charging sites, or parking/truck stops), to trial DRM software and benefit from utilisation improvements.
- HDV fleet operators (carriers), to trial DRM software and benefit from savings in lost running time.
- Booking system software suppliers, to integrate DRM software (via API) and recognise customer operating benefits.
- OEMs and aftermarket telematics system suppliers, to make data accessible (via API) for seamless customer experience.
- TMS software suppliers, to make data accessible (via API) for seamless customer experience.

### Type of partnership

**Commercial agreement with technical assistance**

### Type and size of the partner

- **Big company**
- **SME 50 - 249**

## Dissemination

### Technology keywords

- **01003008 - Data Processing / Data Interchange, Middleware**
- **01003013 - Information Technology/Informatics**
- **01003003 - Artificial Intelligence (AI)**
- **01003006 - Computer Software**
- **01003022 - Smart Appliances**

### Targeted countries

- **World**

### Market keywords

- **08002003 - Process control equipment and systems**
- **08006001 - Process control and logistics**
- **06006002 - Metering and monitoring**
- **08002001 - Energy management**

### Sector groups involved

- **Energy-Intensive Industries**
- **Mobility - Transport - Automotive**