David Quesada, ENIDE
Transport & Logistics workshop - GS1 Industry and Standards Event
12th October 2015 Warsaw
ENIDE is specialized in innovation for personal mobility and logistics.
Play Video

Available on
https://youtu.be/3qEWYHRSb1M

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The transport sector is made up by a lot of SMEs and few large companies, working together by subcontracting operations.

Expensive, inefficient and low quality manual data exchange between SMEs and Large companies.

Different levels of ICT use. Shippers are pushing for further transparency.
Logicon is a **PRAGMATIC and NEUTRAL** solution for secure, reliable and confidential **automatic data exchange** in transport **including SMEs and freelances**.
Features

- Universal and neutral solutions
- Privacy and ownership, no central storage
- Easy of use and maintenance, affordable
Living Labs

**Dutch Living Lab**
- CTT
- TNO
- NexusZ

**Polish Living Lab**
- ULMAR

**Spanish Living Lab**
- ITA INNOVA
- GRUPO CARRERAS
- enide
- TRANSPORTES JOVITRANS

**Italian Living Lab**
- bluegreen
- CONSORSZIO I B INNOVATION

Lean Secure and Reliable Logistic Connectivity for SMEs
For a typical large transport operator:
- working with almost 6,000 SME road carriers
- 100,000 manual operations (yearly).
- Average of 25’ for operation and at least 2 phone calls.
- 55’ in case of an incident, which is about 5%

Nearly 1M€ every year
Currently, large operators are deploying their own specific Apps to the freelance truck drivers.
Lean Secure and Reliable Logistic Connectivity for SMEs
Solution: GS1

Neutral and universal! GS1 EANCOM
- IFCSUM (Forwarding and Consolidation Summary Message)
- IFTSTA (Transport Status Message)
- INVOIC (Invoice)
Technology

Large Co
- External ERP, FMS, TMS

Freelance
- On board plan MRM

SME
- Desktop Universal MRM

Driver
- On board MRM

 Connectivity Service

Lean Secure and Reliable Logistic Connectivity for SMEs
Solutions

**Connectivity**
Service to transform and move information from a company to another one
Example: between a MRM and an ERP

**On board Plan Univ. MRM**
App to accept, plan and track transport services of a small fleet, sharing information with others
Ex: between freelance and others

**Desktop Universal MRM**
Web App to accept, plan and track transport services of a medium fleet, sharing information with others
Ex: between fleet manager and driver

**On board Universal MRM**
App to track transport services of a truck, sharing information with others
Ex: between truck driver and fleet manager
Solution: on-board MRM
**Solution: Desktop Universal MRM**

### Example of Use

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<th>Día de la semana</th>
<th>Origen inicial</th>
<th>Destino Final</th>
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<tbody>
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<td>25/3/2015</td>
<td>Jueves</td>
<td>SANTA PERPETUA DE MOGODA</td>
<td>RIBARROJA DEL TURIA</td>
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- **Porodo:** CARRERAS ALMACENAJE
- **Porodo:** MERCADONA

### Details
- **Conductor:** Ened Driver 2
- **Vehículo:** B-3334-ES
- **Matrícula de la plataforma:** new 14:15

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**LogiCon**  
**Lean Secure and Reliable Logistic Connectivity for SMEs**
Advantages

Universal and Neutral data exchange. Single app to all sector

Reduction of administrative costs

Invoicing time reduction

Protection against claims

Delivery/Collection evidence

Non invasive supervision, reaction time reduction
Benefits for freelances and SMEs

- Freelances and SMEs can enter into the market providing higher added value services to its customers (usually major transport operators) as they can provide reduced transactional costs and visibility of the status of the services provided.
- Freelances and SMEs using LogiCon will be ranked higher in transport suppliers rank and therefore, positioning better to increase business.
- Better and easier connectivity of companies will allow better execution of the transport chain.
Benefits for operators

- Efficiency in administrative tasks, reduction in manual interaction with SME and freelances
- Improvement in external fleet management by sharing the tracking of the transport sharing
- Improvement in quality of service, detection of incidents and reaction
- Improvement in service planning and management: no difference if internal or external fleet
- Efficiency in the invoice management
What is next?

• Integration of the sensors in the vehicle: temperature, gases, GPS, etc.
• Gateway to other platforms and networks: *Plug Once*
• Private marketplace with preferred partners, sharing space availability and routes, improving the global planning of services
• Including shippers in the process, extending the support of the information exchange (SSCC, GLN, GSIN, ...)**
Conclusions

• Using **web and mobile Apps** as well as connectivity services, large players and SMEs are able to communicate using electronic information exchange

• **Universal and neutral** approach as well as a pay-per-use model overcomes existing cost and cultural barriers. GS1 standards provide a strong foundation for this approach

• The improved **visibility** facilities the managing of the service for all the stakeholders while reducing costs

• This approach enables SMEs and freelance truck drivers to participate in the **Physical Internet** network to provide transportation services (providing open access to their resources) and, enabling transition from current situation to the physical internet.
Thank you!

David Quesada
david.quesada@enide.eu