

VOLVO



Jan Hellaker

Vice President, Volvo Technology North America

A few samples of Volvo's experience from applying ITS to goods transportation

- Volvo products for Transportation Management
- Wireless Roadside Inspection concepts
- Pilot project in the Port of Gothenburg



Business Areas

Volvo Trucks



Renault Trucks



Mack Trucks



Nissan Diesel



The world's 2nd largest
manufacturer of heavy trucks

Buses



**Construction
Equipment**



Volvo Penta



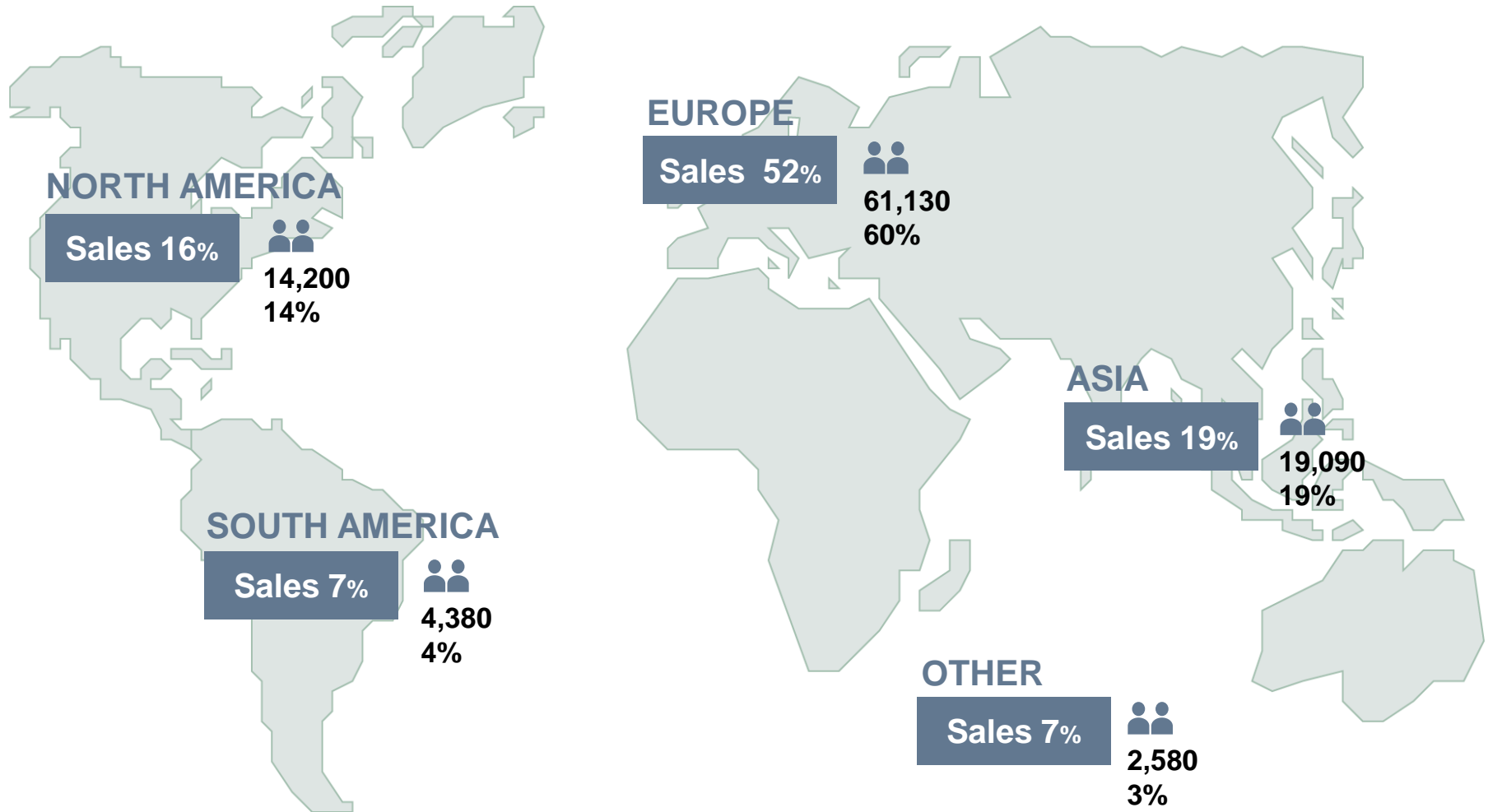
Volvo Aero



Financial Services



Sales and Employees Worldwide 2008

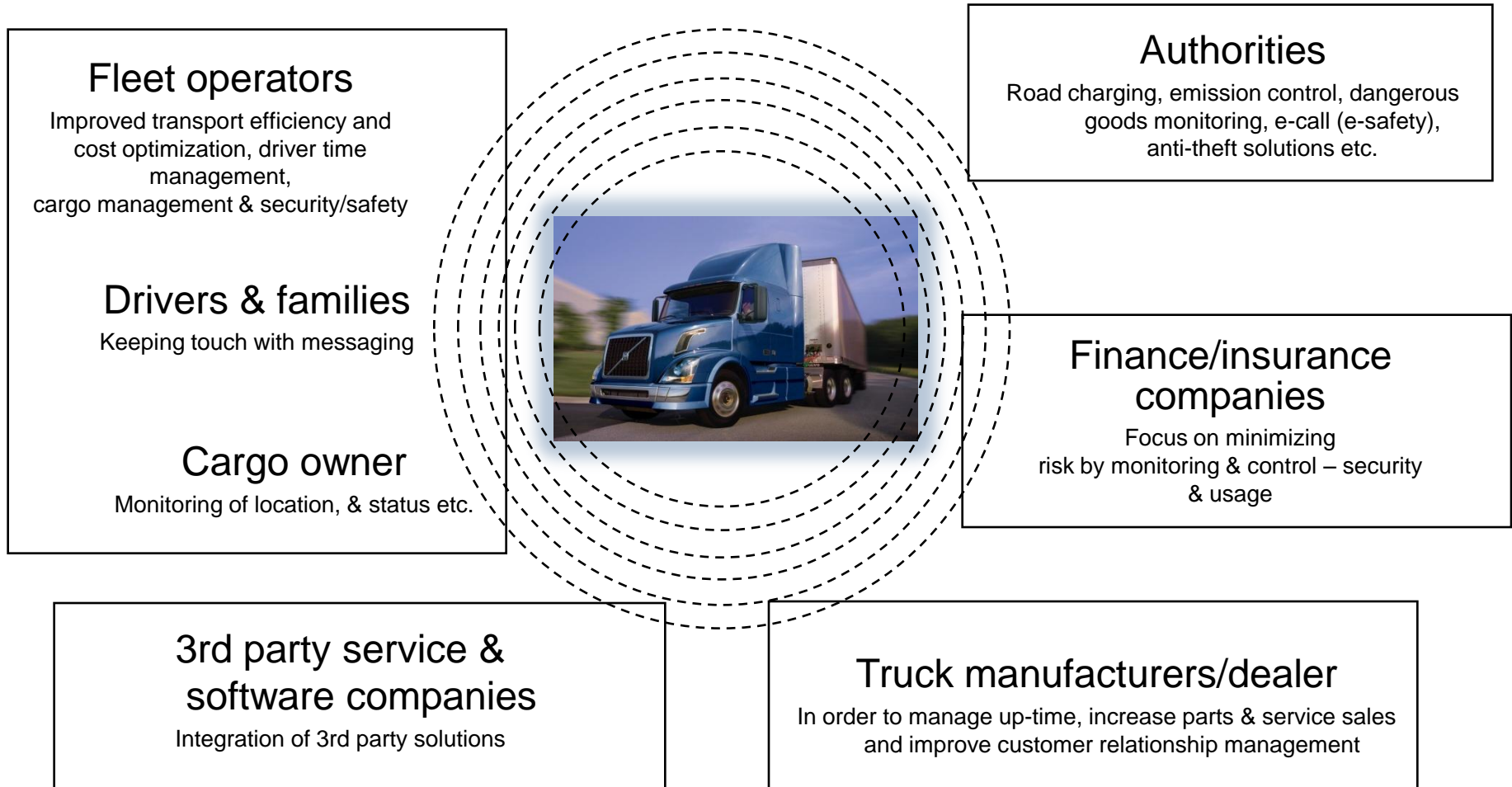


Corporate Values

Since 1927 !



CONNECTED TRUCK

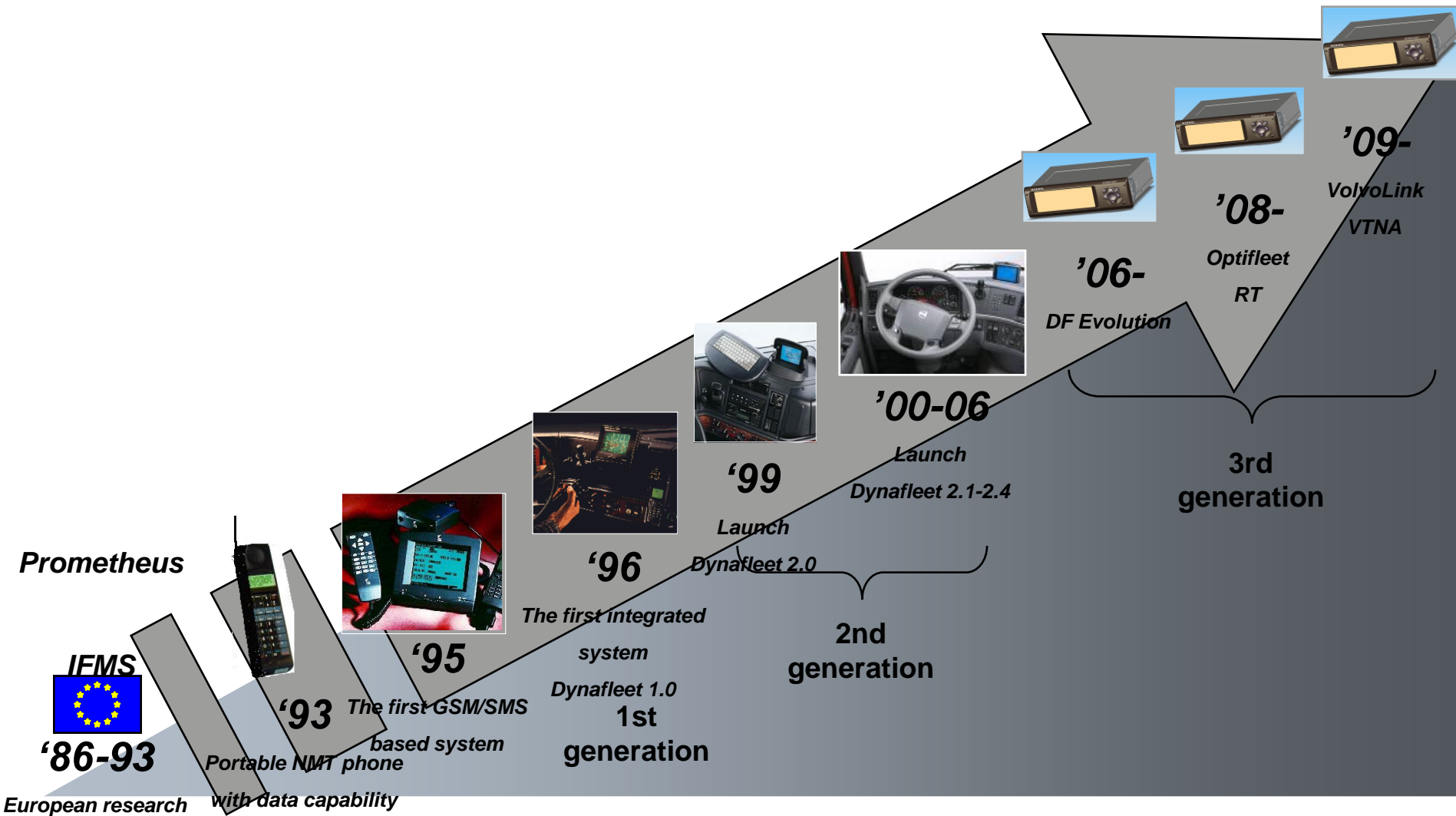


DYNAFLEET

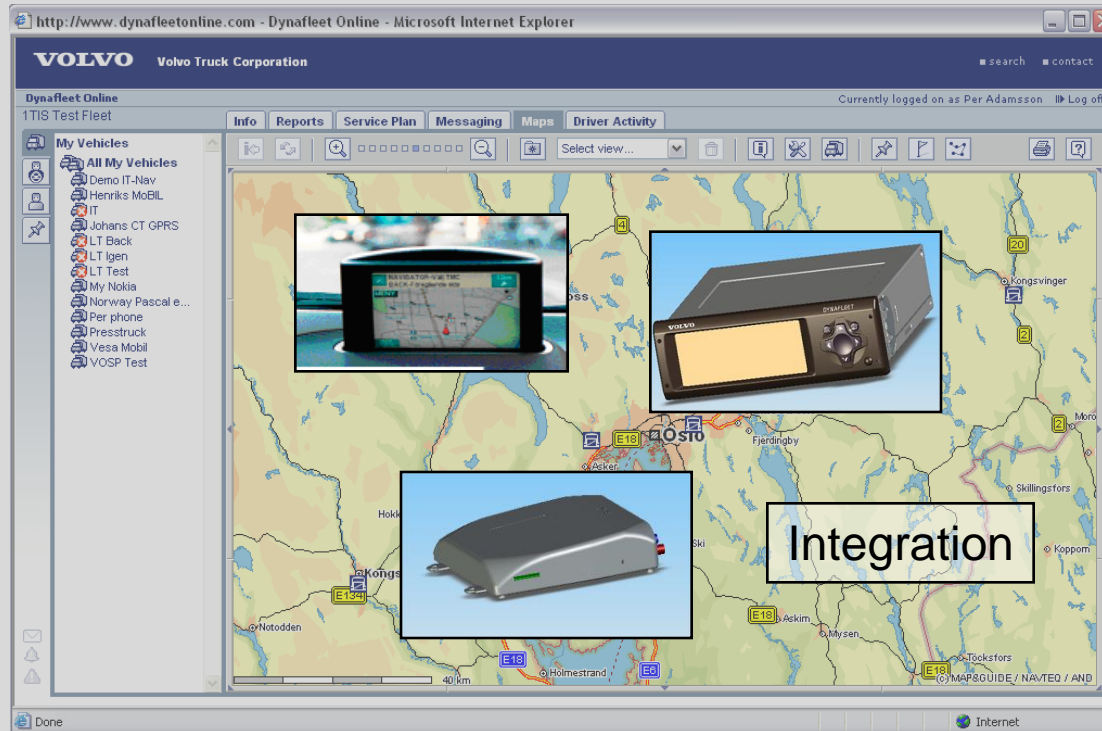
Volvo's online transport information system

VOLVO

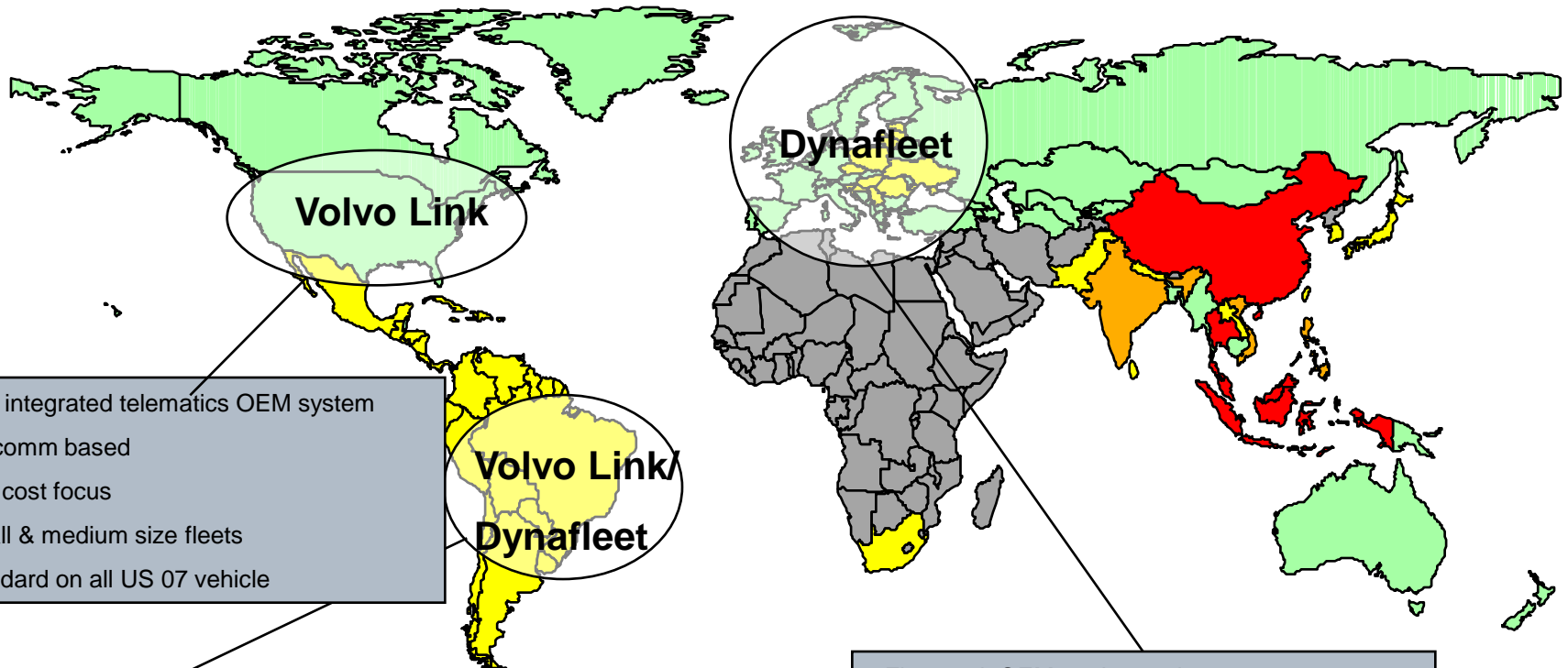
Product history



Current in-vehicle products



Global telematics service offering



- First integrated telematics OEM system
- Orbcomm based
- Low cost focus
- Small & medium size fleets
- Standard on all US 07 vehicle

- Highest telematics penetration in the world
- Security focus
- Risk management company integration
- Volvo cargo insurance

- First truck OEM on the market
- GSM based
- Sales in over 20 countries
- Over 35.000 units sold to over 3000 customers
- Over 10.000 online subscriptions, 800 customers

DYNAFLEET

The most important characteristics

- Monitoring of driving style
- Monitoring of driving time
- Monitoring of service
- The environment
- Communication
- Location data
- Goods management
- Security services

ITS – Intelligent Transportation Systems

Volvo's booth at the ITS World Congress in New York, Nov 2008

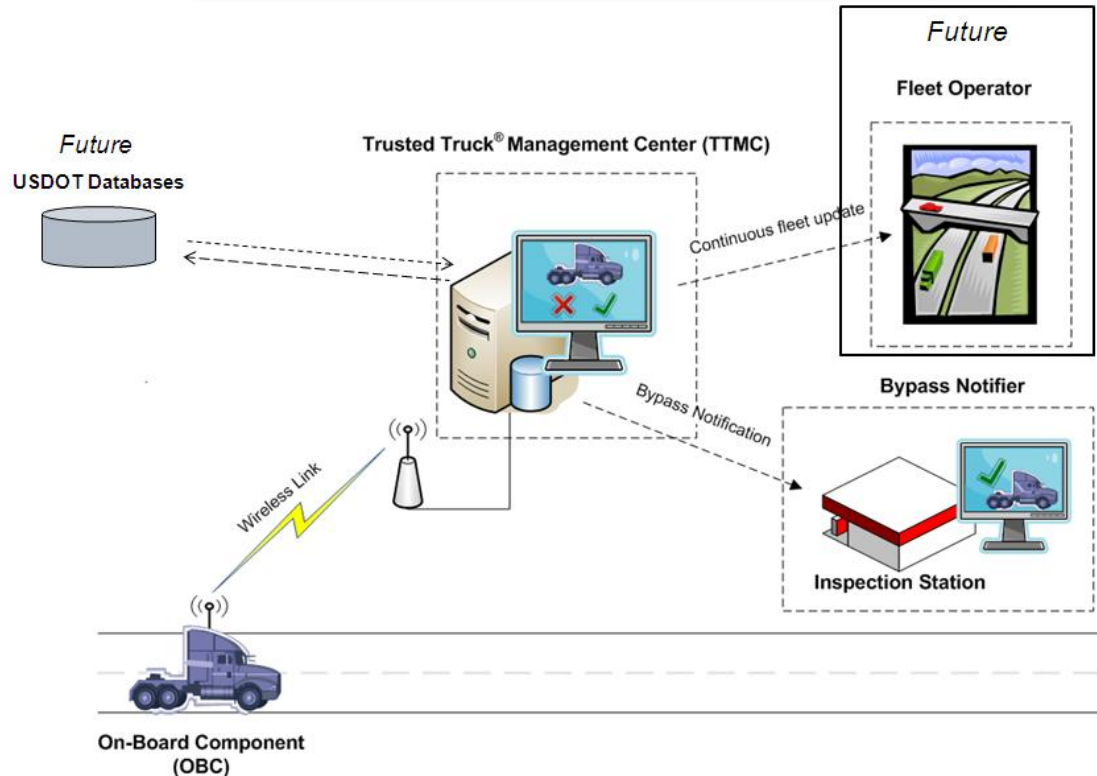


Trusted Truck®



- Wireless Roadside Inspections
- Four-year effort funded by DOT/RITA through NTRCI
- The business model, is an integral part of the project to gain acceptance among operators
- Volvo is involved in 2 out of 4 WRI pilots monitored by FMCSA

- VIN#
- DOT#
- IFTA#
- License#
- Make & model
- Seatbelt
- Brakes
- Tire pressure & temp
- Stability system
- Lighting system
- Fire extinguisher
- Weight



DHS/TSA: Immobilizing HazMat trucks

CONFIDENTIAL

Volvo-lead Pilot Project in the Port of Gothenburg, Sweden

- Focus on
 - Reduced waiting time (25%)
 - Validating driver credentials
 - Increased cargo security
 - Share of adequate information between stakeholders prior to arrival to facilitate clearance



VOLVO

A Pilot Project
in the Port of Gothenburg, Sweden

Nov-Dec 2008

