Road and Rail Financing Conference - What ITS can bring to the table

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Hermann Meyer, CEO ERTICO - ITS Europe
ERTICO Partnership: Cooperation along value chain

Collecting data:
- Floating car data
- Sensors
- Traffic detectors
- Cell probes
- RFID
- GNSS positioning

Processing data:
- Processing units
- Cloud computing
- Future Internet
- Location referencing
- Map-matching

Providing information:
- Cellular
- Infrared
- DSRC
- Digital broadcasting
- Internet

Using information:
- Logistics
- Smartphone
- Vehicle
- Traffic sign
- PND
- TMC
ERTICO Partnership Vision

Bringing intelligence into mobility for

» safer mobility $\rightarrow$ zero accidents

» smarter mobility $\rightarrow$ zero delays and fully informed people

» cleaner mobility $\rightarrow$ reduced impact on the environment
GOALS
ERTICO Partnership Goals (1)

Develop and deploy ITS Services:

» Safety related road and traffic data
» eCall
» Cooperative ADAS
» Highly automated driving
» EU-wide multi-modal travel and traffic services
» Europe-wide platform for cooperative ITS services
» Demand responsive cooperative transport and network management
» Information and booking systems for safe and secure truck parking
» Driving behaviour support services
» Cooperative fleet management and logistic operations
» Traffic network management
» Electric vehicles ITS services
ERTICO Partnership Goals (2)

Develop and deploy enabling framework:

» Interoperability
» Service Integration
» Data Exchange
» Security
» Business Models
» Privacy
» HMI
STRATEGY
Technological enablers

From Cloud computing to ...
From GSM to LTE to ...

Real Time Awareness
Information, Monitoring, Reservation, Payment,
Enforcement

Automation
Mobility Management
Avoidance

Deployment enablers
Privacy
Business Models
Security
Service Integration

HMI
Data Exchange

ITs Services
Today
Transport