



Developments in Europe



Staffan Truvé
OSGi Alliance VP EMEA
Chairman, Gatespace Telematics

truve@gatespacetelematics.com



Status

- OSGi vendors
- Developments / deployments / research
 - Residential
 - Telematics
- Market development
- What's next?



European OSGi Framework Vendors

- Acunia NV
 - Telematics focus
- Gatespace Telematics AB
 - Telematics focus
- Jentro Technologies GmbH
 - Mobile devices
- ProSyst Software AG
 - Residential and telematics focus
- Siemens VDO Automotive
 - Telematics focus



QuickTime och en
TIFF (LZW)-dekomprimerare
krävs för att kunna se bilden.



Residential

- Deployment
 - BSH SmartHome, E2-Home, Philips iPronto
- Research
 - Fraunhofer, BTH, VTT
 - Several EU projects
- Consumer product companies who are OSGi members
 - Nokia, Philips
- Operators who are OSGi members
 - Belgacom, Deutsche Telekom, EDF, France Telecom, Telefonica, TeliaSonera





Telematics

- Deployments
 - Flemish Government, Sunfleet
 - Bombardier
 - BMW 5-series (soon!!!)

- EU projects
 - 3GT: close to completion - come to ITS in Madrid in November
 - GST: starting up

 - Focus on architecture, protocols and interoperability





Telematics ctd.

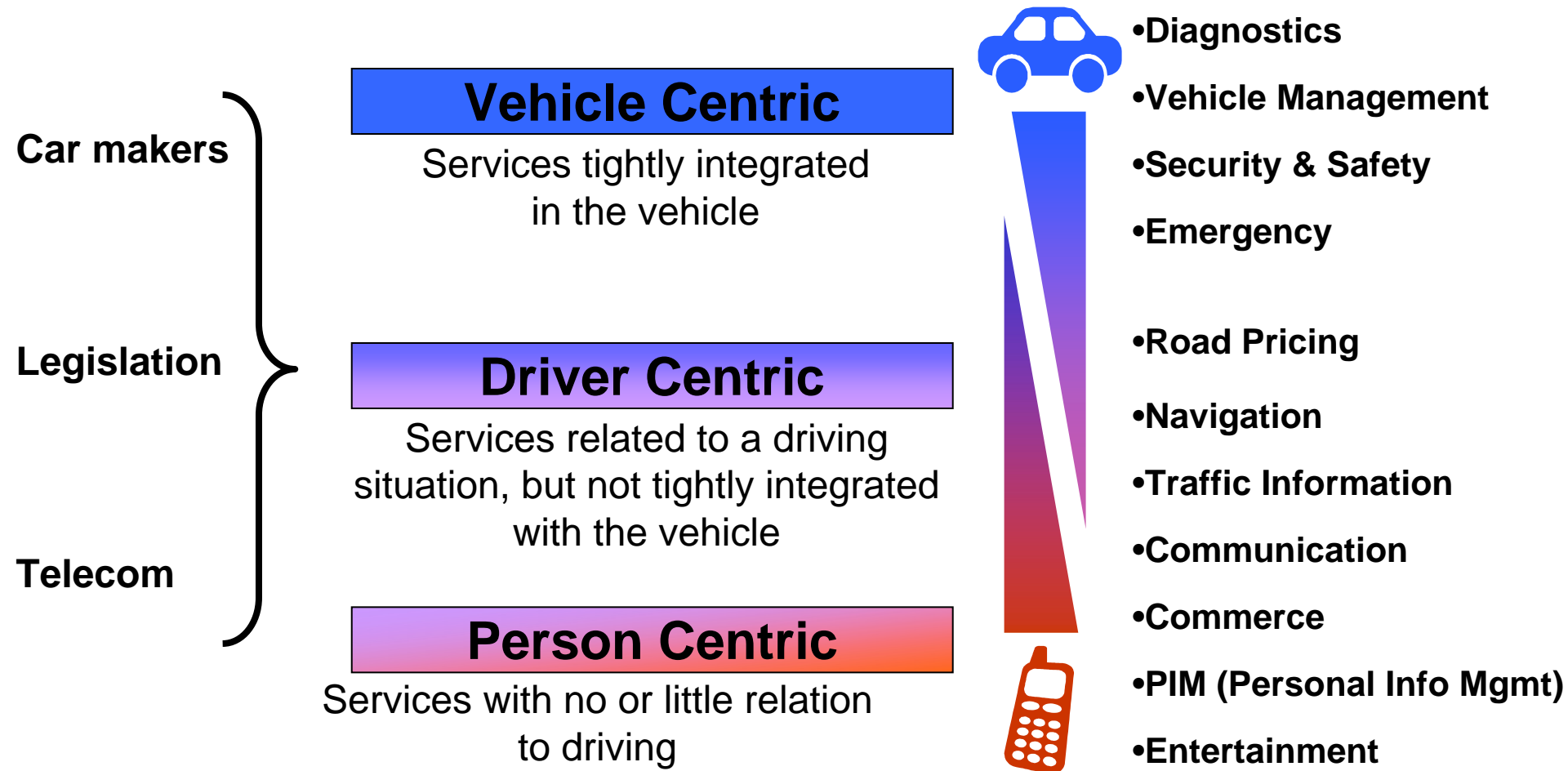
- Car manufacturer research
 - BMW, Fiat, Volvo, SAAB, Renault, PSA, Audi, VW, AMI-C (Ford, GM, Renault, PSA, Honda, Nissan)

- Tier one engagement
 - Siemens VDO, Bosch, Alpine, Delphi (Mecel), Marelli

- OSGi members
 - Acunia, A-MIC, BMW, Gatespace, Philips, ProSyst, Siemens VDO, Bosch, Alpine



The spectrum from vehicles to persons





Example: The Jake Project

- Position based chat for cell phones
- "CHEAP SMS" - pay only for GPRS traffic, not SMS premium
- Currently MIDP based, next generation OSGi (when the phones are there...)





OSGi as a focal point - examples

- In-Haus
 - Duisburg, Germany
- Collaborative research project
- OSGi members: ProSyst, Deutsche Telekom, Fraunhofer
- 18+ partner companies
- Telematics Valley
 - Göteborg, Sweden
- Collaboration platform, driving several telematics projects
- OSGi members: IBM, Gatespace Telematics
- Total 54 member companies





Success or Failure?

■ SUCCESS

- Solid technology
- Multiple vendors
- Driving other standardization efforts (e.g in telematics)
- Traction in education, research and development
- Reasonably healthy consulting market

■ FAILURE

- No *open* services gateways - closed systems, from one provider, monolithic update model
- No consumer traction - invisible, embedded technology
- No big technology licensing market
- NO VOLUME DEPLOYMENTS



So how is OSGi doing in Europe?

- Steady trickle of new projects, still mostly in research and development
- Some projects have become victims of European telco crisis and consolidation
- The overall slow market has been a road block for the emergence of new, layered business models - everyone tries to grab as much of the [small] cake as possible



It takes time...

- *As usual*, new technology takes more time to get adopted than the enthusiasts want to believe
- Example:
 - First 802.11 work group meeting was held in 1990, broad market acceptance was not until around 2001
- Corollary:
The OSGi World Congress in 2009 will be spectacular! :-)



What's next?

- What do we need?
 - Commercial roll-out of large volume telematics solution with "OSGi inside"
 - Same on residential...

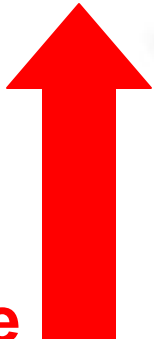
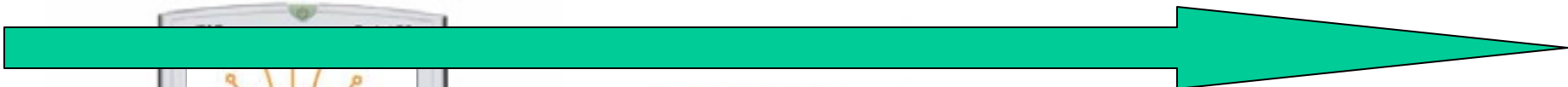
- We need someone to break the ground and start offering an *open service gateway*
 - Could mobile phones be first???
 - Large volumes, extremely short life cycles, need to facilitate for 3rd party content developers
 - Challenge: recruit wireless operators and service providers to OSGi Alliance



The next OSGi frontier



Evolution



We are here



That's it folks - questions?