# Content for Connected Cars



Günter Zettler NoAE, 5th Project Day Content for Connected Cars Düsseldorf, 18. April 2012



# **Applications**

#### **Tourism & Leisure Activities & Shopping**



# **InVehicle Online-Services**



#### lead to

- ✓ higher efficiency
- ✓ time saving
- ✓ better comfort
- ✓ appreciation
- ✓ business expansion
- ✓ increased volume
- ✓ customer loyalty
- ✓ safety
- environmental sustainability
- provision of information and
- ✓ enhancement of knowledge



Countless mobile applications are available for commercial use and private comsumption.

InVehicle Online-Services have the potential to become a multibillion Euro market.

Despite of that the currently existing proprietary and regional solutions are not very profitable.



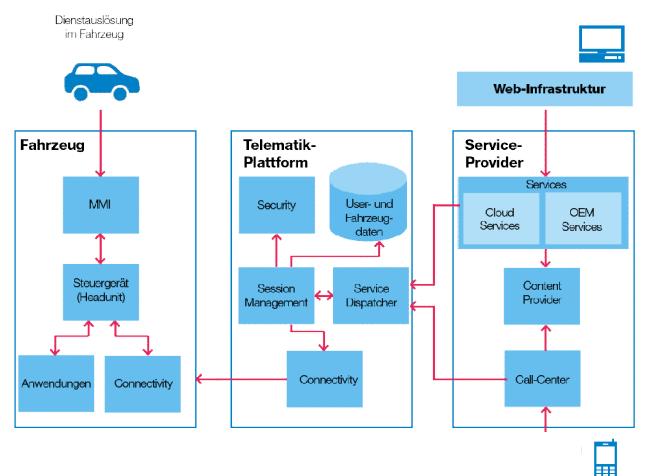
# Thesis 1 There is no Killer-Application.

Next generation InVehicle Online-Services will be driven by a **Killer Infrastructure**.



# Considerations

#### **Eco-system**



- Technologies
- System architecture
- Roaming
- Applications/Services
- Integration
- Provisioning
- Operation
- Service center/support
- Billing/payment
- Content
- Intellectual property

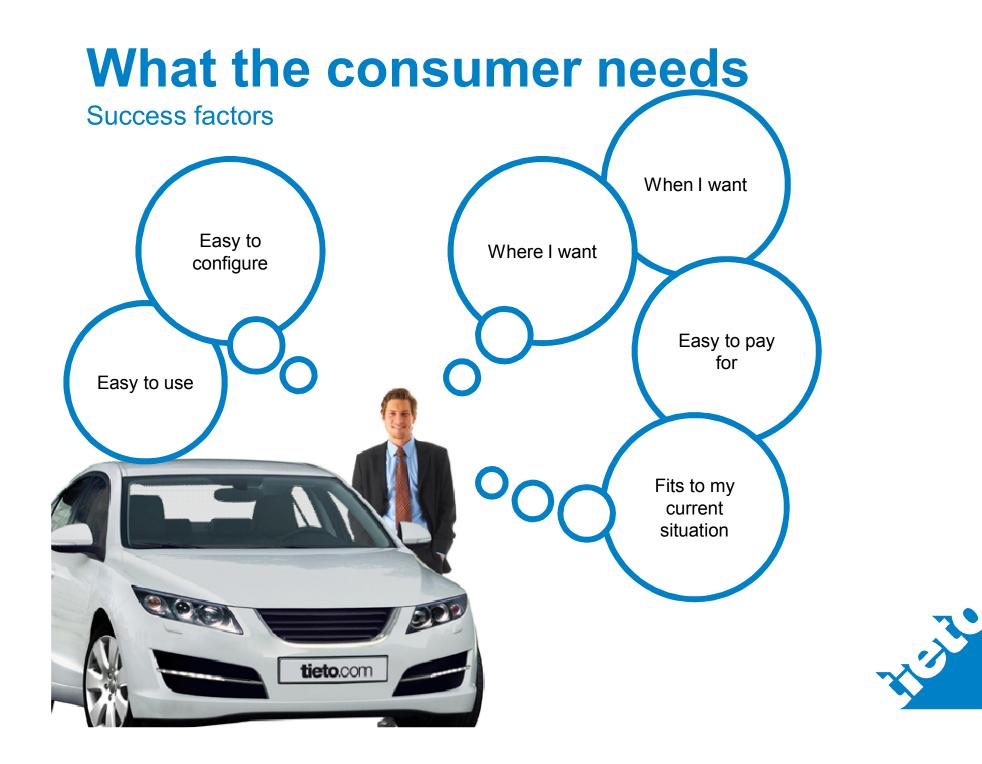


## **Thesis 2**

### There is no need for a new invention.

Next generation InVehicle Online-Solution requires that we have to assemble the already available components in a new way.







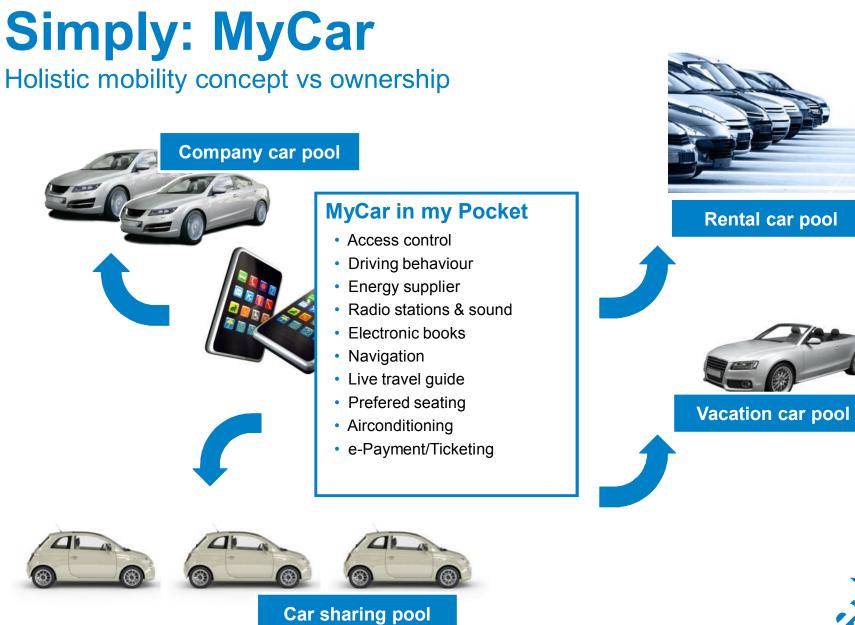


### Concepts

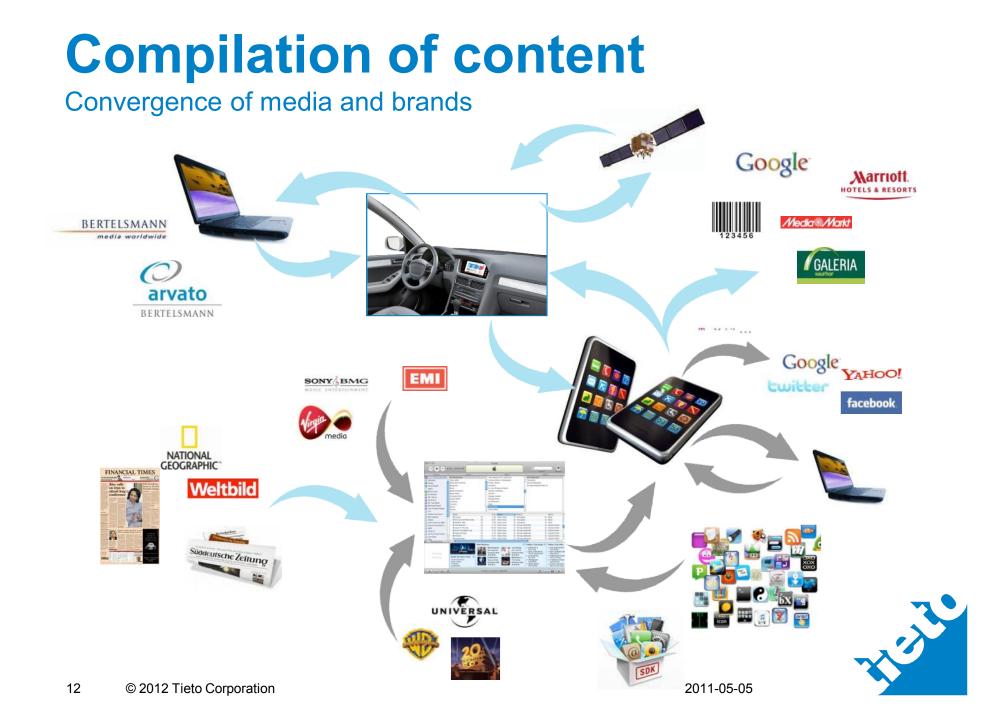
### There is not only one business model.

Next generation InVehicle Online-Services consist of diversified offerings which have to be aligned with the consumer's profile and situation.











## Rethink

The modern customer will not accept boundaries.

Motivation, suitable incentives, personalization and customer value will become the key criteria for future success.

1 - TO



## Chances

Vision of a common initiative



# Chances

Innovative business models

Collaborative investments



Open system architectur

Trust and security via standards

Open & scaleable networks





Find innovative business models

Build valuable partnerships with alliances, open organisations und initiatives, like



- Collaborate based on proven methods, guidelines and rules
- Secure work results
- Seek synergies by networking



# Conclusion

The technologies and concepts are already existing.



### Knowledge. Passion. Results.

#### **Günter Zettler**

Director Automotive R&D Tieto gunter.zettler@tieto.com

