Connected mobility market assessment including assessment of V2X, infotainment and MaaS impact on MNO strategies

CLIENT: MOBILE NETWORK OPERATOR

BACKGROUND: Client shapes its strategy for connected mobility market. FEV was asked to provide an inside automotive perspective on infotainment, Mobility-as-a-Service, and V2X use-cases.

DELIVERABLES

- Analysis of competitors’ activities within connected mobility
  - Service and product portfolio analysis
  - Key trend identification for connected mobility activities of MNOs
- Examination of V2X communication technology
  - Analysis of regulatory environment and trends of V2X communication
  - Comparison of C-V2X and 802.11p
  - Automotive Connectivity Technology Roadmap
- Development of V2X use-case list
  - Use-case creation through FEV expert workshops
  - V2X use-cases categorization
  - Prioritization of V2X use-cases
- Assessment of infotainment and Mobility-as-a-Service trends and implications on MNO strategies

Use-Case Long List

1. Control Loss Warning
   - Vehicle warns of other vehicles...

2. Abnormal Vehicle Warning
   - Vehicles are warned of other road...

3. Hazardous Location Warning
   - Vehicles approaching a potentially...

4. Road Condition Warning
   - Vehicle gets aware of hazardous...

Use-Case Assessment

- Communication Req.
- Pot. End-Customers
- Deployment Approach
- Time-to-Market

60 V2X use-cases