Rail Industry view of a future CCS Architecture - preliminary considerations

CCRCC – Session V
Valenciennes – 15 -17th October 2019

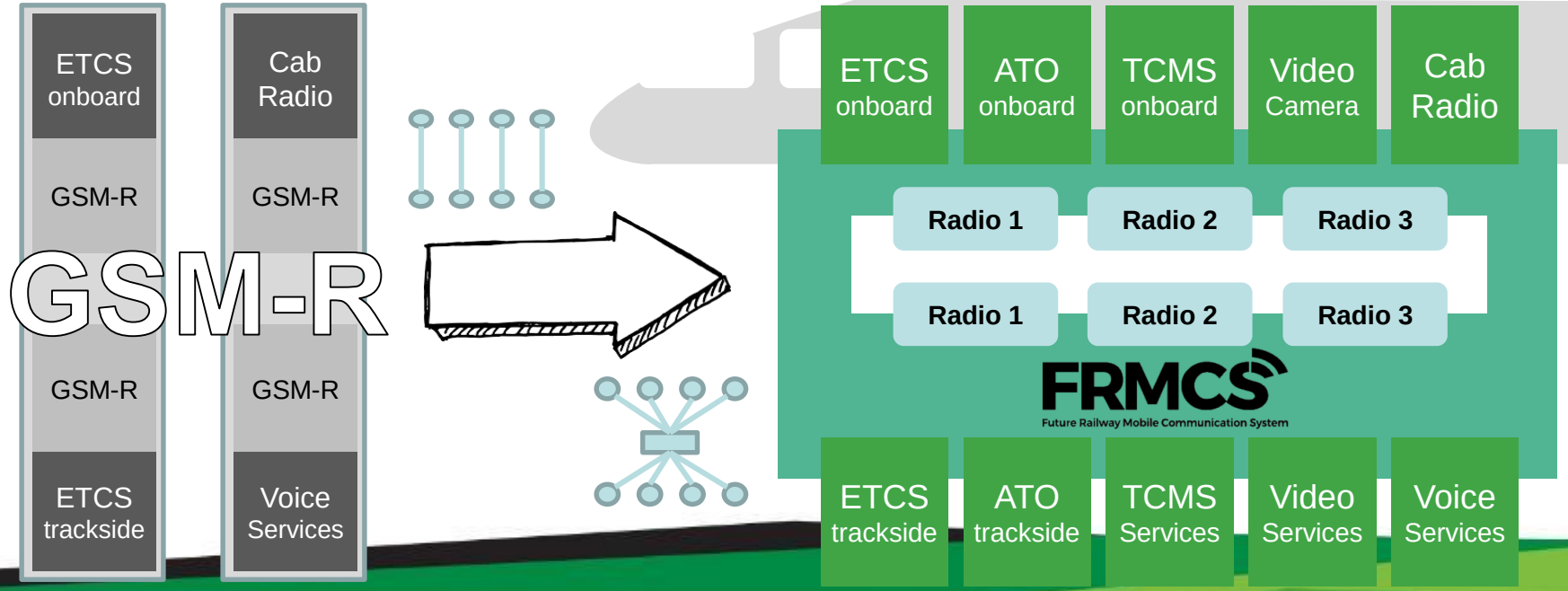
Industry vision: key elements of the Future Rail System

- Interoperability is the driving force for the current standardization activities (TSI CCS, TSI OPE)
- A Single European Rail Area has to go beyond interoperability by defining a future CCS architecture
- A common core of operational rules based on ETCS Level 2 and 3 shall become the starting point
- The business case shall comprise customers and suppliers from all SERA networks
- Keep the leading role of both European Railways and European Rail Industry

Telecom Supply Industry vision: Future Communication System

UNITEL

- The new rail communication system is the enabling gamechanger
- Represents the backbone for the future CCS system
- Provides generic, flexible, feature rich communication services
- Is the digital glue between applications, modules and sub-systems



Workshop 5 Conclusion

- **Workshop 5**
  - Modularity
    - … is a key element for innovation
    - … improve life-cycle-management
    - Find the balance between flexibility, openness and complexity
  - Harmonization of Operational Rules
    - Class B systems are a fact and we have to cope with it
    - Light at the end of the tunnel: CH, LX, BE, DK, IT, .. Remove Class B
    - New rules shall be aligned between the IMs/Rus on European level
  - Colaborative approach
    - Each party is able to bring value add to the table
    - We have to enforce our engagement to bring CCS forward
    - We already reached a good level: Let’s continue and improve