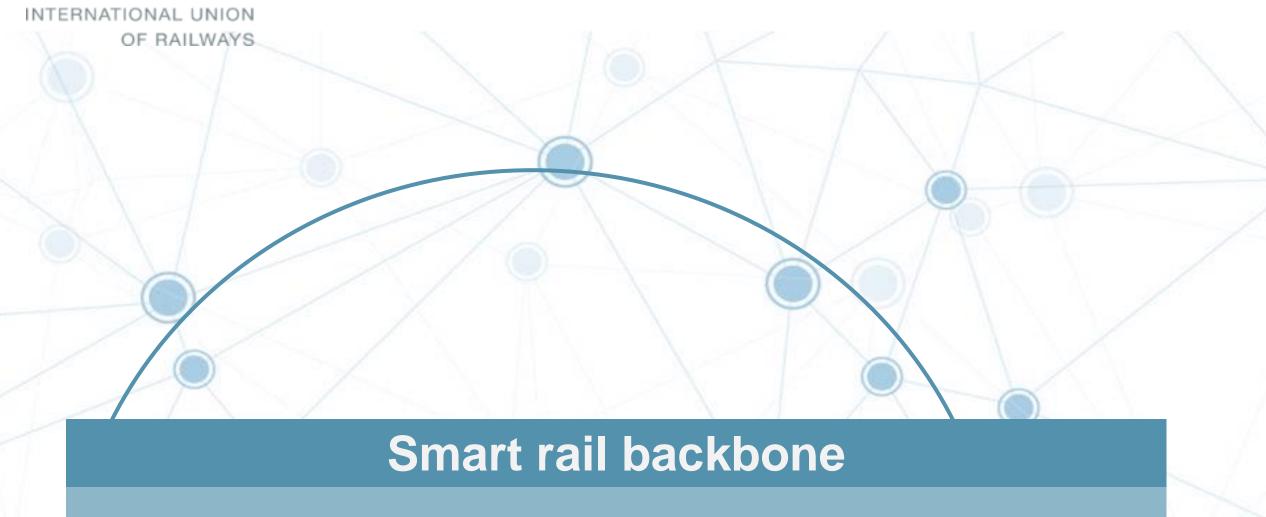


5G and Al: setting up new capabilities for rail



- 1.5G based CCS: FRMCS
- 2. Create interoperable train paths
- 3. Connect different railway systems
- 4. Insuring Safety / Security in the digital age

Contribute to change rail perception:

- Delivering a system vision of rail as a backbone
- Setting-up capabilities for installing rail as the mode of transport for the future:
 - Economical in energy and public space
 - Scalable
- Use of AI for network management: digital twins
- ⇒ Associate new words to railway: flexibility, simplicity and liberty.

Extended standards for interfaces management

- 1. Multimodality
- 2. Interfacing with other regulations: customs, public transport.
- 3. Creating and securing common data models and exchange protocols