

DTS
DirecTrainSystems



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Your NexTrain. Always.

"Smart, green and integrated transport"

Better mobility, less congestion, more safety and security

DTS is capable of
DirecTrainSystems

“reconciling the growing mobility needs with improved transport fluidity, through innovative solution for seamless, inclusive, affordable, safe, secure and robust transport systems that make full use of modern information and communication technologies (ICT) capabilities”.



Topics of interest

IP1 and IP2

Virtual Coupling, Moving Blocks and Next Generation TSMC

- S2R-CFM-IP1-02-2020
- S2R-CFM-IPX-01-2020
- S2R-OC-IP1-02-2020
- S2R-OC-IPX-01-2020





State of the Art:

Virtual coupling

- Capacity increase is limited by network topology
 - Stations / switches / crosses
- Today we understand there are only few scenarios where virtual coupling really increases capacity

DTS is the solution

- DTS technology can retrieve the loss of improvement potential inherent in current technology (virtual coupling)
- DTS technology combines multi-disciplinary capabilities
- DTS technology uses existing infrastructure
- Increases capacity, safety and security
- Connects urban, suburban and periphery

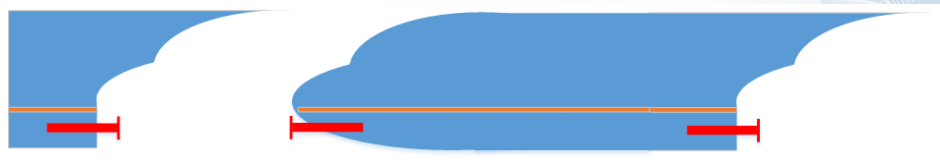
Join Us!

- We are looking for partners to develop DTS solution for the next generation of virtual coupling
- The team:
 - Communication
 - Car Manufacturers
 - Railway operator(s)
 - Signaling and network management
 - Capacity research





Thank you!



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