

# SPLIT SESSION G

Future vehicle compliance requirements to meet the increasing automatization of vehicles



INTERNATIONAL CONFERENCE  
& 19<sup>TH</sup> GENERAL ASSEMBLY

HOSTED BY



한국교통안전공단  
Korea Transportation Safety Authority

FROM PERIODIC INSPECTION TO WHOLE LIFE COMPLIANCE

SEOUL ▶ 2 - 4 April 2019



# Panel Discussion

Future vehicle compliance requirements to meet the increasing automatization of vehicles

Gerhard Müller

# Panellists

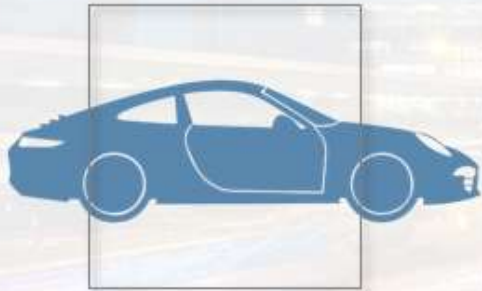
- ✓ Mr Walter Nissler, UN ECE
- ✓ Mr André Rijnders, RDW
- ✓ Mr Marko Gustke, VDA
- ✓ Mr Dr. Housseem Abdellatif, TÜV SÜD



# Changing Mobility Set-up: From car centric towards intermodal

Evolution of TIC business:

Today



Individual vehicle

Vehicle safety – focusing on hardware  
(one dimensional)

Periodical (homologation & PTI)

Future



Intermodal mobility in connected  
environment (e.g. X2X)

Vehicle-, software-, data- and process safety  
(multi dimensional)

Continuous (digital & remote)



# The Approval Challenges of Automated & connected Vehicles

## Scenarios



- Real testing no longer sufficient
- Definition of scenarios needed
- New concepts with different interests

## Feasibility



- Proof of safety with a small number of real testing
- Continuous development of the system "vehicle" via updates

## IT Security



- IT security as a new pillar of vehicle safety
- View of the overall system - end to end communication (vehicle – data transfer – data center - applications)

## Regulations



- Development of existing regulations
- International standards are necessary

# Future vehicle compliance requirements to meet the increasing automatization of vehicles

1. New technologies of automated vehicles and its impact on road safety
2. Technical and legislative requirements to admit and register automated vehicles
3. Contribution of technical inspection (e. g. type approval test, market surveillance, PTI) to road safety regarding automated vehicles



# Next session: GALA DINNER

19:00 at Some Sevit

683 Olympic-daero, Seocho-gu, Seoul



## Gala Dinner: Pick up

### - BUS Blue Line

Route	Departure	Arrival
President Hotel to Some Sevit	18:20	19:00

### - BUS Red Line

Route	Departure	Arrival next stop
1) Grand Hyatt Hotel 2) Imperial Palace Boutique Hotel 3) Hamilton Hotel 4) Arrival at Some Sevit	18:10 (Hyatt)	18:20
	18:20 (Imperial)	18:30
	18:30 (Hamilton)	19:00

