

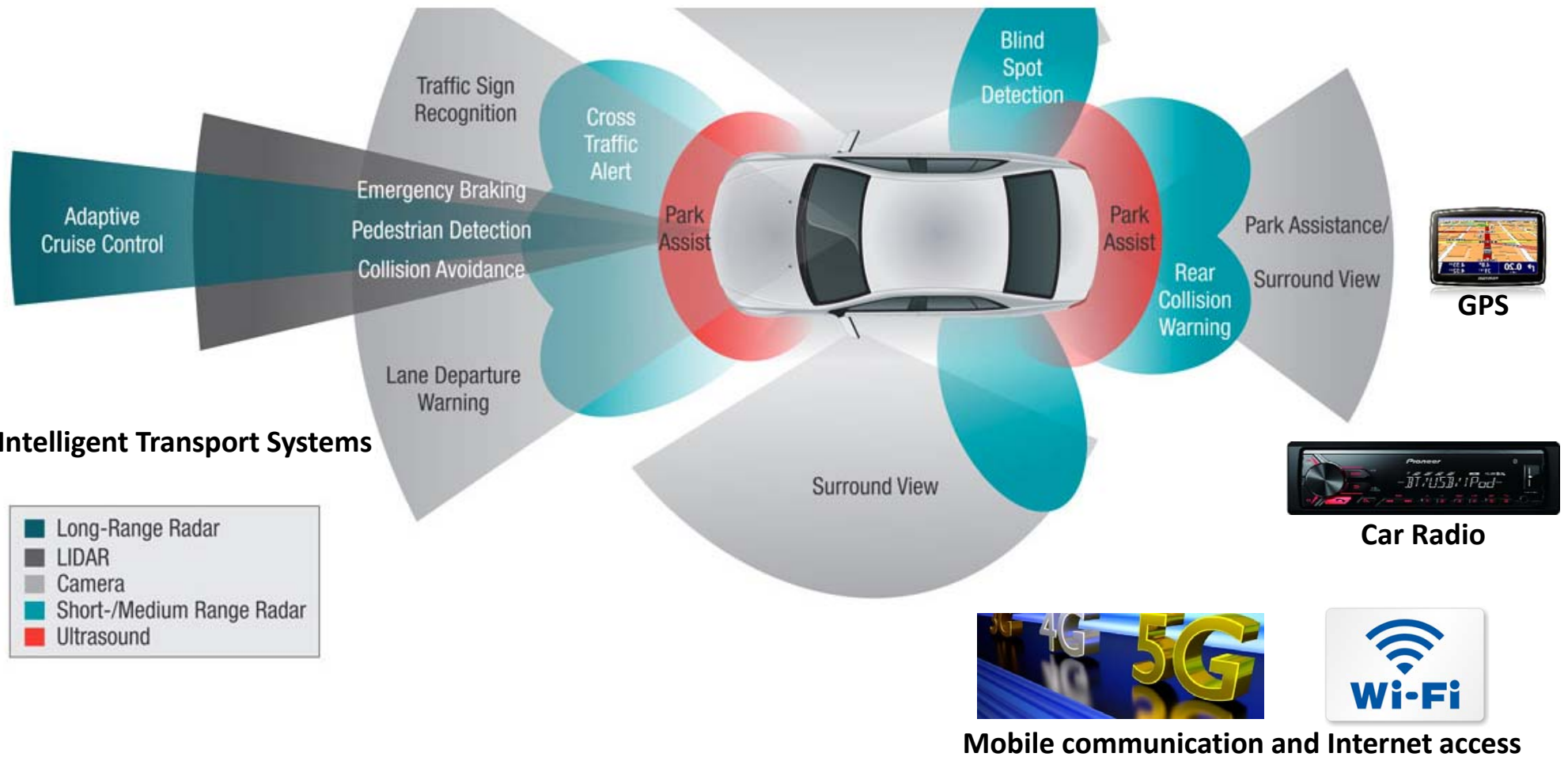
2nd United Nations Coordination Meeting for Road Safety

Geneva, 3 November 2017

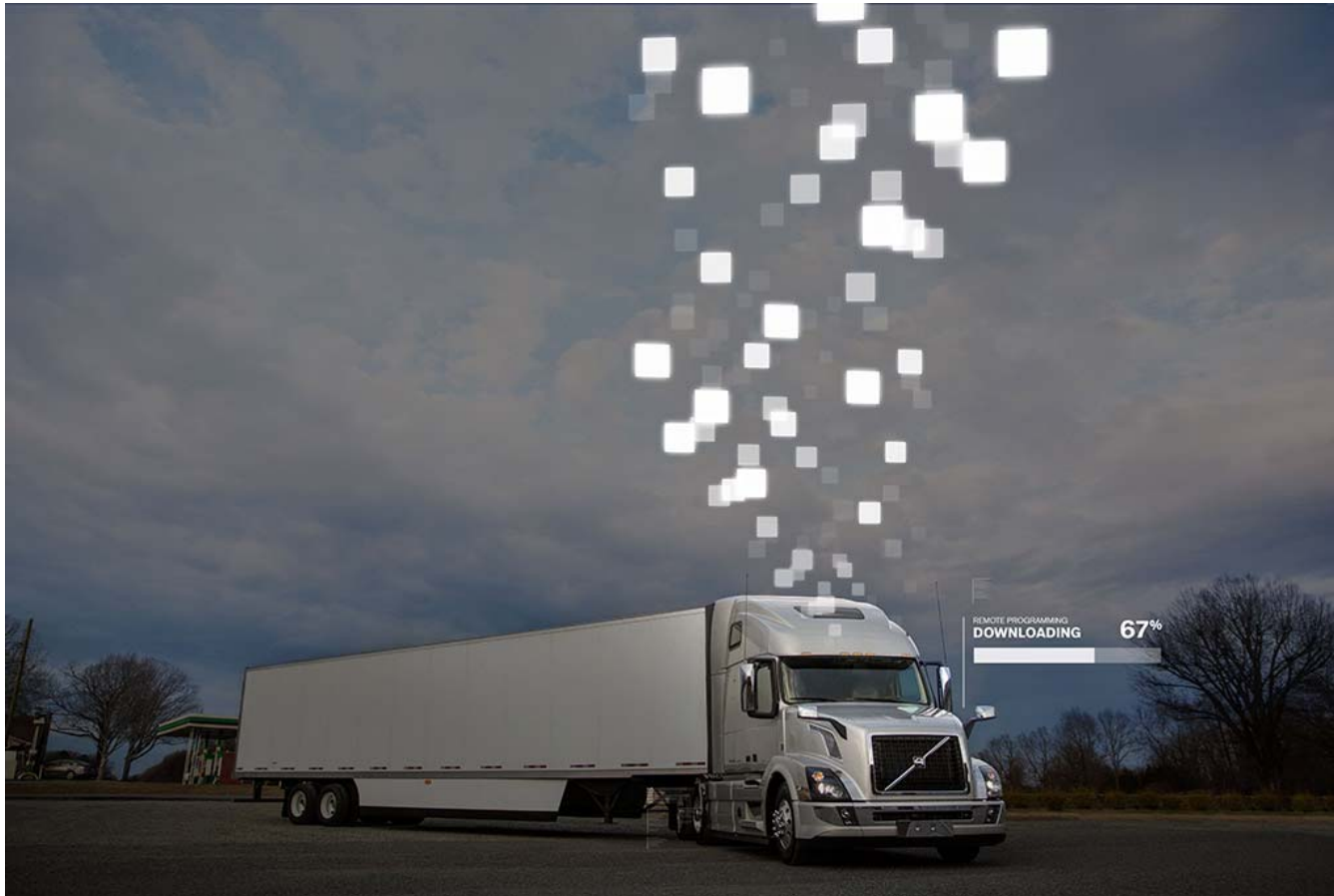


Reinhard.Scholl@itu.int

ITU allocates spectrum for vehicles



ITU standards secure over-the-air software updates for vehicles

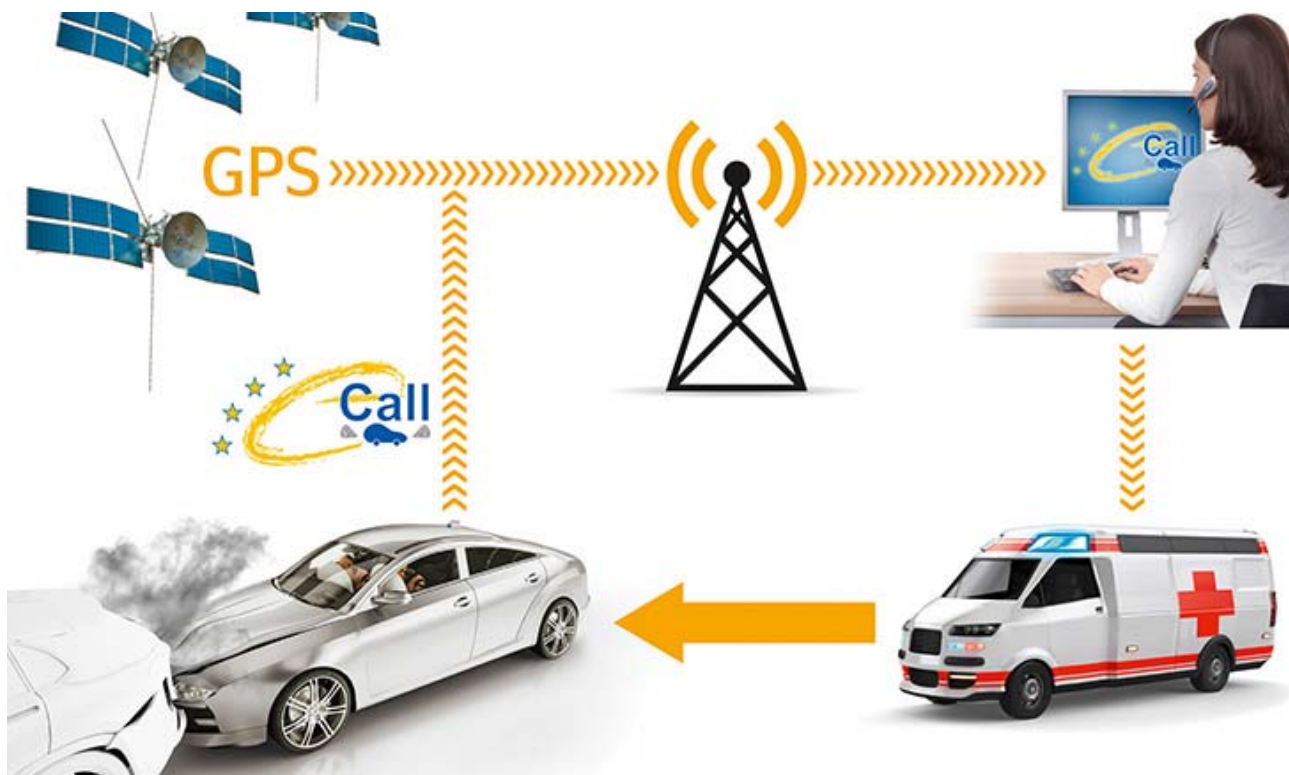


ITU standards improve quality of hands-free communication in vehicles

<https://www.youtube.com/watch?v=x4dtjvLHXds>



ITU standards make e-calls intelligible



Source: [Continental](#) - Automatic Emergency Call

Join 13th edition of FNC @Geneva Motor Show

The poster features a dark blue background with a central circular graphic. This graphic consists of concentric circles and a grid pattern, with a central circle containing the text 'FNC 2018'. Surrounding this central graphic are several colorful car icons (red, yellow, orange, green, blue, white) arranged in a circular pattern. A red car icon on the left is emitting a yellow beam of light that points towards the central 'FNC 2018' circle. The overall theme is futuristic and networked.

SYMPOSIUM
**Future
Networked
Car**
8 March 2018
Geneva, Switzerland
Geneva International
Motor Show
#ConnectedCar

Organized by

 **UNECE** 

ADDITIONAL SLIDES

Standardization work done in multiple groups

Telecommunication Standardization Sector (ITU-T)

- Study Group 17 : ITS and automotive cybersecurity (remote SW update)
- Study Group 16 : vehicle gateway platforms
- Study Group 12 : Quality of Service in vehicle communication

Radiocommunication Sector (ITU-R)

- Radiocommunication interfaces and systems for ITS applications

WHAT is FNC?

The Future Networked Car Symposium, organized by ITU and UNECE is held on the first public day of the Geneva International Motor Show.

The Symposium will explore the relationship between vehicle communications (V2V, V2X) and automated driving analysing the crucial roles of **connectivity**, **cybersecurity**, **blockchain**, **virtual reality** and **artificial intelligence**.



WHO WILL BE THERE?

This Symposium brings together representatives of **vehicle manufacturers**, the **automotive** and information and communication technology (**ICT**) **industries**, **governments** and their **regulators**.

FNC TESTIMONIALS

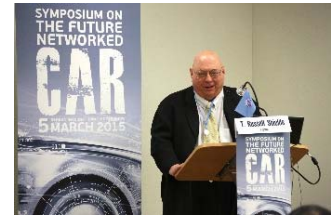


*“The Fully Networked Car is a **can't-miss event**. FNC is the right people coming together in the right place at the right time to **discuss the right issues**.”*

Roger Lanctot - Director, Automotive Connected Mobility,
Global Automotive Practice, Strategy Analytics

*“ITU, as a UN agency,
does a good job of doing **honest standards**.”*

T. Russell Shields
Chair, Ygomi



*“The **FNC is an excellent platform** where auto-manufacturers, security experts and policymakers can discuss the **vital security concerns** related to connected and autonomous vehicles.”*

Arnaud Taddei - Director, Standards and Architectures,
Digital Service Providers Office of the CTO, Symantec

*“Widely accepted **standards are the basis for future regulations** that will provide the basic legal playing field for introducing all these new technologies in our markets.”*

Walter Nissler – Officer-in-charge, Sustainable Transport Division, UNECE



PREVIOUS FNC PARTICIPANTS

- ✓ Attracts over 150 participants from 25 countries
- ✓ Industry analysts, policy makers, regulators, road safety advocates, standards makers
- ✓ A unique cross-section of the automotive and ICT sectors



ITU and Vehicle Connectivity: Yearly Events (EUROPE, ASIA, AMERICA)



Yearly events in America and ASIA



TIA-ITU WORKSHOP & CITS MEETING

Autonomous Transportation

How Communications Will
Change Vehicles & Transport



DEC. 5-6, 2017 • ARLINGTON, VA

Opportunities for Collaboration

Collaboration on ITS Communication Standards (CITS)

- Established by the ITU to provide a Platform to share knowledge and coordinate ITS standardization
- Attended by worldwide SDOs
- Three meetings x year, back to back with the ITS-related regional events:
Asia (~June), America (~Dec.) Geneva (~March)
- Aims for a coordinated set of interoperable ITS Standards



<http://itu.int/go/ITScomms>