



DSC 2019 EUROPE VR

Driving Simulation & Virtual Reality Conference & Exhibition

ANTYICIP
simulation

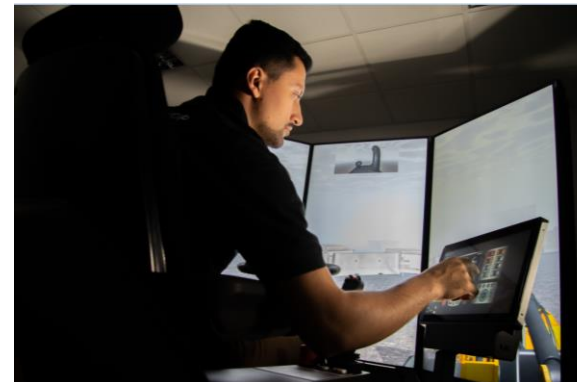
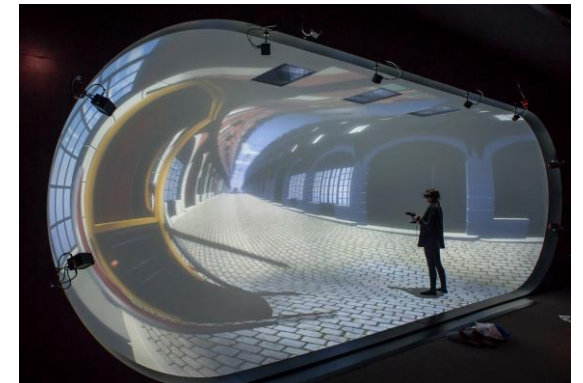
Title

V2X Network Simulation

Presenter **Audrey Zarlenga,**
Digital Marketing Manager

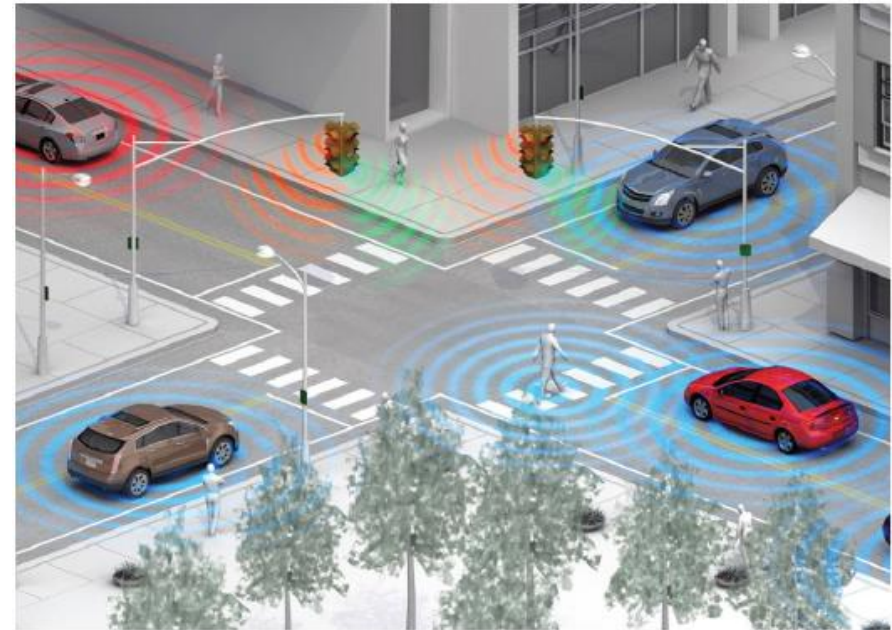
Leaders in simulation and VR solutions

- Antycip Simulation
 - Paris, Oxford, Milan
 - Founded in 1996
- Core offering
 - Professional grade simulation, projection and VR solutions
- Markets
 - Universities
 - Automotive
 - Aerospace & Defence
 - Space



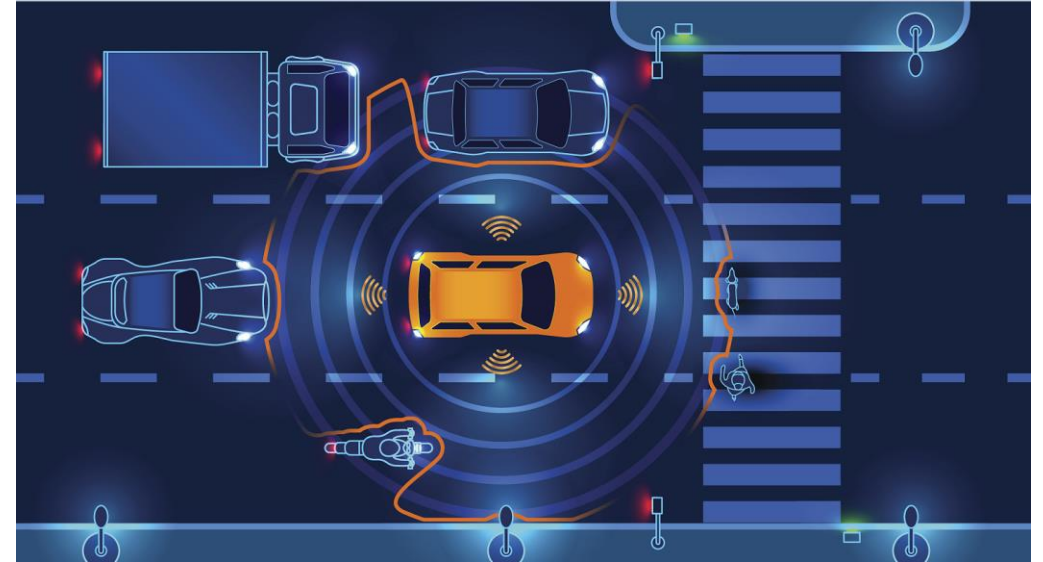
The Promise of V2X Network Comms

- Extends awareness beyond visual and sensory fields of views
- Improves road safety by reducing collisions
- Delivers more efficient transport systems



The Challenges of V2X Network Comms

- Interoperability is crucial
- Extreme reliability in a dynamic environment
- Low latency, high speed
- Crowded space with interfering signals
- Competing technologies
 - e.g. DSRC and C-V2X



Modelling V2X Network Comms

- **Exata** – Network modelling software
 - *Scalable Network Technologies*
- Model and simulate networks
- Analyse & predict performance
- Test and challenge
- **Reduce costs, errors and time to implement real world systems**



Modelling V2X Network Comms

- Network performance information at every layer of the stack
- Identify problems in various environments and scenarios
- Thousands of nodes, real-time speed and real world fidelity
- Models include;
 - DSRC/802.11p
 - LTE
 - Thread
 - Bluetooth
 - 5G
- Optional cyber library for attacks, defences and vulnerabilities



Find out more

- Visit us on stand 29
 - Antycip Simulation
- www.scalable-networks.com
- www.antycipsimulation.com
- Have a demonstration at Antycip's Paris, Milan or Oxford offices



SCALABLE
NETWORK TECHNOLOGIES



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