

# REGULATIONS REGARDING CYBERSECURITY & SOFTWARE UPDATES



## CYBERSECURITY REGULATION

### Cybersecurity Management System (CSMS) Requirements

Organization structure & processes

Risk Identification, assessment and Treatment

Response to Cyber Attacks

Manage security of suppliers & service providers -> Need CSMS

### Vehicle Type Requirements

Applied risk management during vehicle production and post-production

Demonstration of implemented security controls

Identification of critical areas

Demonstration of performed testing on the vehicle



# SOFTWARE UPDATE REGULATION



### Software Update Management System (SUMS) Requirements

Organization structure & processes

Inform the user

Ensure safety and security of the update

Validation compatibility and dependencies

Updating and maintaining of software versions

### Vehicle Type Requirements

Safety – no impact on the user/vehicle

Security controls against compromise of update

Managing Software version

### Software Identification Requirements

Implementation of RXSWIN