

# ISO 21434 CYBERSECURITY

## INTELLIGENT & CYBER-PROTECTED SAFETY-CRITICAL SYSTEMS

### We Accelerate Product Commercialization

#### Kickoff your journey

- Training:** COTS or personalized sessions to understand the objective and requirement to be fulfilled
- Gap Analysis:** Audit existing products and processes & identify path towards compliance
- Initial Concept & Risk Assessment:** Define item boundaries and assets under evaluation to understand threats and mitigation strategies

#### Rising Challenges

The UNECE WP. 29 working groups released a regulation on Cybersecurity (UN-R155) for OEMs and third parties to address these arising threats.

The implementation framework is documented in the state-of-the-art standard ISO/SAE 21434 and requires establishing a mature Cybersecurity Management System (CSMS) and demonstrating the capability to consider Cybersecurity at the product level.

#### Our offering

CS Group possesses the know-how to perform complete security assessment and implementation through the application of ISO 21434, including security management project-dependent cybersecurity management, continuous cybersecurity activities, associated risk development stages of road vehicles.

#### Cyber Security Management:

- R-155 & PAS 5112 for CSMS audit
- Process and Policy
- CS Plan, Assessment and Case



#### Product Development:

- TARA: Threat Analysis & Risk Assessment
- Cybersecurity Goals and Requirements
- Cybersecurity Solutions
- Software BOM
- Implementation and Testing

#### Continual Cyber Security:

- Cybersecurity Monitoring
- Vulnerability Management
- Incident Response

### Customer Journey



### Why consider CS Group ?

We have more than 20 years of combined experience in ADAS Level 2+ projects and airborne fail-operational mode certification. Our engineers have crafted innovative approaches and disruptive products to accelerate the development, certification, and commercialization of safety-critical embedded systems.

More than 50 OEMs, Tier 1, and start-ups trusted us with their program certification and product development challenges. Let's make autonomous driving a safe reality.

