

# 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 posses 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

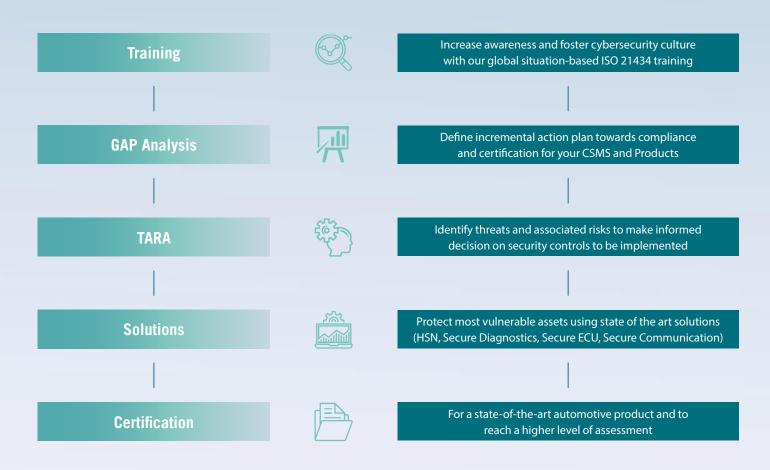


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### **Customer Journey**



# 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.



