INTELLIGENT &
CYBER-PROTECTED
SAFETY-CRITICAL
SYSTEMS

CS GROUP

CS Canada Snapshot

Trusted Engineering Capability

> Turn-key supplier of majors OEMs, T1 and T2 of the Automotive, Aerospace and Defence industries.

> 150 Engineers in North America specialized in critical software development, testing and certification.

Functional Safety Office

> ISO 26262 TÜV-SÜD certified functional safety experts with 10+ years experience in the industry.

Advanced R&D programs

> Research Consortium

Involment in international R&D programs (DEEL, IVVES) to define V&V techniques to make artificial intellignce algorithms certifiable.

> ATLAS

Based on the latest ML and NLP techniques, this tool analyses textual requirements and auto-generates tests scripts, saving up to 30% of the verification costs.

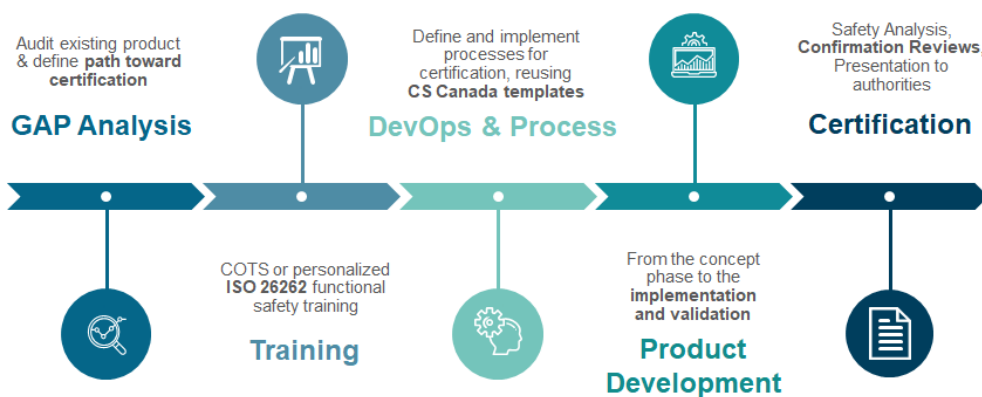# WE ACCELERATE FUNCTIONAL SAFETY & PRODUCT COMMERCIALISATION

Markets that we serve

Our customers design systems and subsystems that include safety-critical embedded software for ADAS and autonomous driving. Our customers are OEMs, Tier 1,Tier 2 suppliers and high tech start-ups of the automotive, aerospace, defence and rail industries.

In support to our customers

CS is a trusted turn-key partner for major Automotive OEMs and systems makers. Our teams are changing the way critical systems are certified using advanced and cost-effective techniques.

Customer Journey

Audit existing product & define **path toward certification**

GAP Analysis

Define and implement processes for certification, reusing **CS Canada templates**

DevOps & Process

Safety Analysis, **Confirmation Reviews**, Presentation to authorities

Certification

COTS or personalized **ISO 26262** functional safety training

Training

From the concept phase to the **implementation and validation**

Product Development

Flexible business models to meet program requirements

> On-site consultants and experts, or
> Remote turnkey program delivery
  -Management under Firm-Fixed Price
  -Unit Price or Not-To-Exceed Pricing
  -Time and Material

WHY CONSIDER CS ?

We have 20 years of experience with the highest and most demanding level of critical systems in the aerospace industry (DO-178C DAL A certification). For 7 years, we have been successfully leveraging our core safety critical expertise to the unique challenges of ADAS and autonomous driving. We are delivering the highest level of services to largest Automotive OEMs and system makers.

CS GROUP

CS Canada:	Montreal, QC, Canada	www.cscanada.ca
CS Inc:	East-Hartford, CT, USA	www.c-s-inc.us