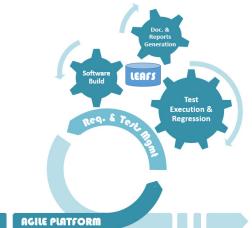# LEAFS
Leading Edge Automation for Functional Safety

THE TOOL AGNOSTIC CI/CD PLATFORM PROVIDING HIGH-LEVEL OF AUTOMATION AND EASILY INTEGRATED TO ANY AGILE EXISTING ENVIRONMENT

To accelerate time to market, increase quality, improve efficiency and productivity

> Easily implement the Continuous Integration and Continuous Delivery concepts for critical application in an Agile Environment

> Remove manual and repetitive steps inherent to a rigid process and let your engineering team focus on your product development

> Easily deployable to new and legacy software development environment

CS North America Snaphot

Significant and trusted engineering capability

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

> Experts in niche domains

> 135 Engineers in Canada

> 25 Engineers in the USA

Expertise in critical software development, validation and verification

> ISO 26262, DO-178C, EN 50128

> DevOps & Tools Qualification

> Proprietary Test Benches designs build for integration and certification testing

> One stop shop for all your certification needs and liaison with regulatory authorities

R&D Initiatives with academic and industrial partners

> Certification of critical avionic systems embedding machine learning (ML) algorithms

> Formal Methods applied to verification and validation of complex ADAS systems

ADAPTED TO YOUR BUSINESS

> Modular architecture for seamless integration with your tool-chain

> Already deployed for DO-178C and ISO26262 certification programs

> One-time configuration and qualification

> Ready to use with model based design tools such as SCADE & SLDV

> Ready to use with verification tools such as LDRA & VectorCAST

> Interfaceable with JIRA product management platform

KEY FEATURES

> Automatic SW Build

> Built-in test dispatcher

> Impact analysis and regression

> Open architecture platform

> One click document generation

> Automated test execution

> PASS / FAIL reports

> Qualifiable

WHY CONSIDER CS ?

We have 20 years of experience with the highest and most demanding level of critical systems such as jet engine controls in the aerospace industry (DO-178C) or ADAS systems in the automotive industry (ISO 2626).

LEAFS was created to solve our challenges and is now available to you!

CS GROUP

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