



Safe & Secure

*Experts in complex
and critical systems*



**Dedicated
Systems**

HELPING PEOPLE BUILD SOFTWARE THAT MATTERS

AdaCore



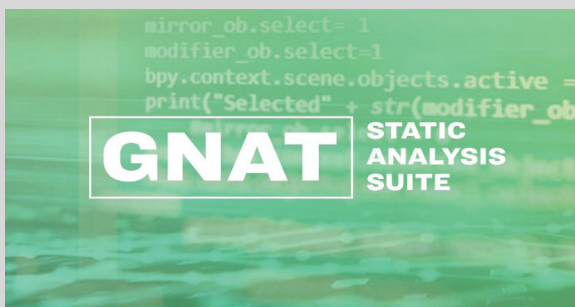
Robust and flexible Ada, C and C++ development environment. It comprises a toolchain based on GNU GCC, an Integrated Development Environment, and a comprehensive toolsuite including debugger, libraries, bindings and tools.



Formally analysable subset of Ada 2012 and toolset that brings mathematics-based confidence to software verification. Define and automatically verify software architectural requirements and guarantee a wide range of software integrity properties.



The GNAT Dynamic Analysis Suite provides developers with a set of powerful analysis and coverage tools for Ada. Available as an add-on to GNAT Pro, the tool suite can be used with all versions of Ada and SPARK.



The GNAT Static Analysis Suite allows you to automatically scan for known security vulnerabilities, allowing you to concentrate manual code review of the most complex problems.



Enhance the development and security of binary communication protocols using a Domain Specific Language (DSL) to precisely describe complex binary data formats. Includes a toolset to formally verify specifications and generate provable SPARK code that can be executed on the target CPU.

SOFTWARE-ASSURANCE TOOLS AND ADVANCED CYBER SECURITY



CodeSonar empowers teams to quickly analyse and validate the code - source and/or binary - identifying serious vulnerabilities or bugs that cause system failures, poor reliability, system breaches, or unsafe conditions.



CodeSentry is a leading Binary Software Composition Analysis (SCA) solution for gaining component inventory and insights into vulnerabilities and software risk, generating SBOMs, supporting Vulnerability Disclosures and responding to Software Supply Chain Security (SSCS) risks.



SOFTWARE VERIFICATION SOLUTIONS FOR CRITICAL AEROSPACE & AUTOMOTIVE SYSTEMS

RapiTest

Reduces the time taken to write software tests and integrates with continuous build environments. RapiTest lets you run tests on-target automatically.

RapiTime

Perform in-depth execution time analysis permitting the calculation of worst case execution times and identifying focus areas for optimisation.

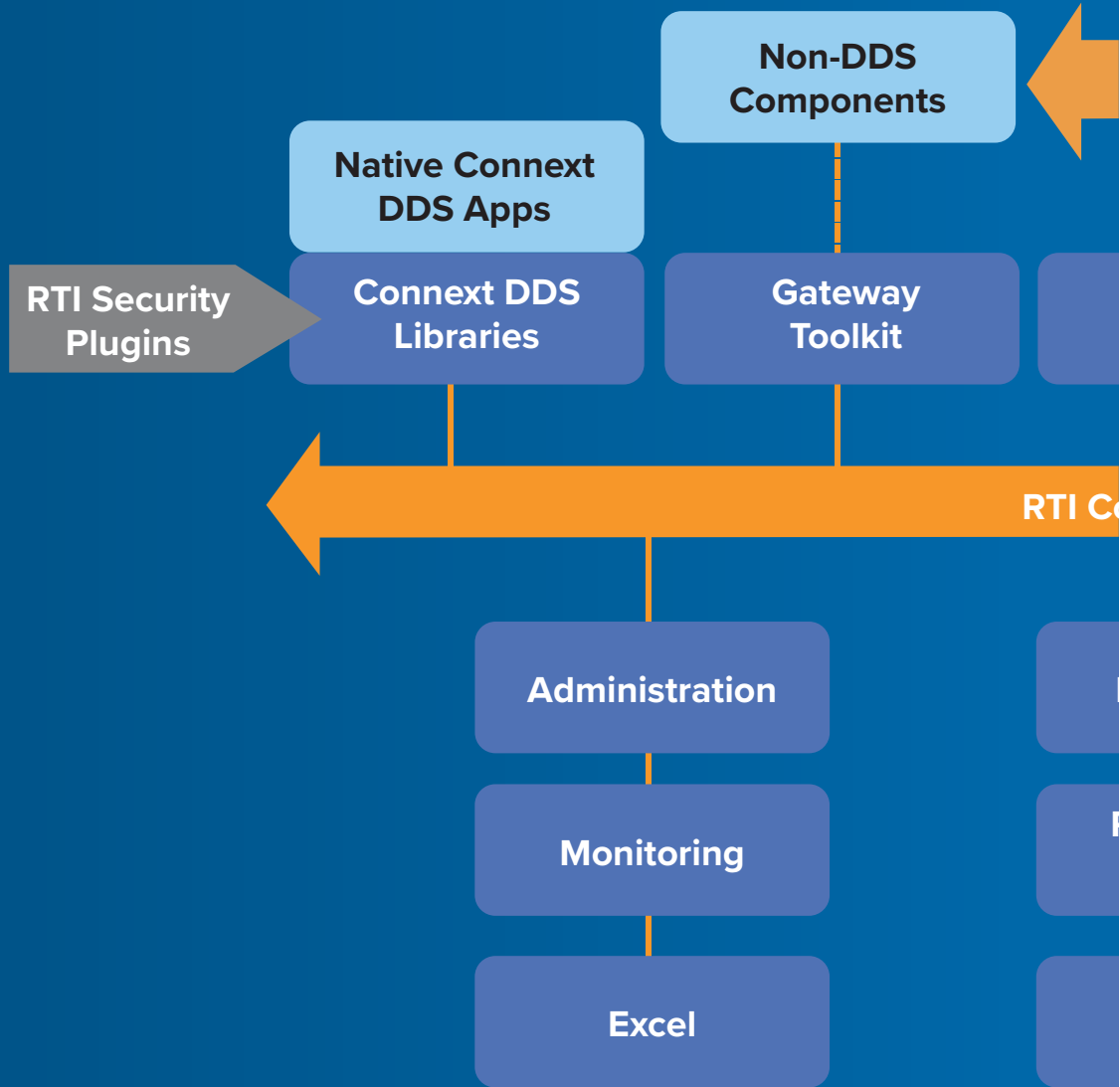
RapiTask

Visualise detailed RTOS scheduling with extremely low target overheads. Identify capacity issues by observing CPU utilisation.

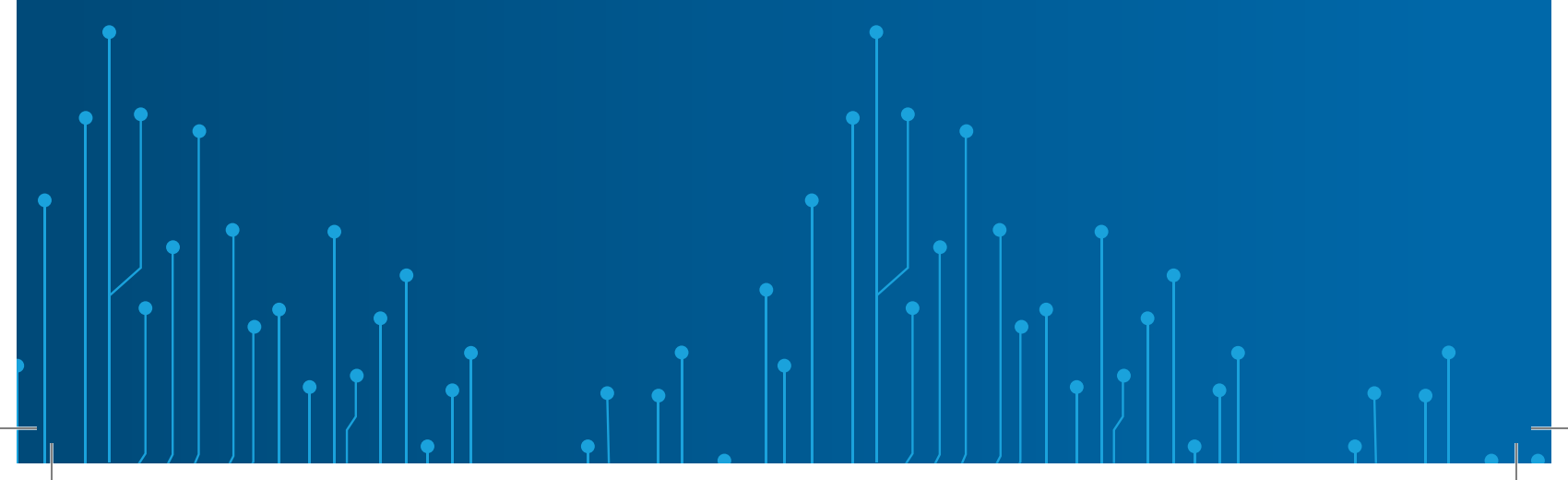
RapiCover

Facilitates coverage analysis on host and on target up to MC/DC. Lowest overhead on the market and qualifiable for DO 178C and ISO 26262.

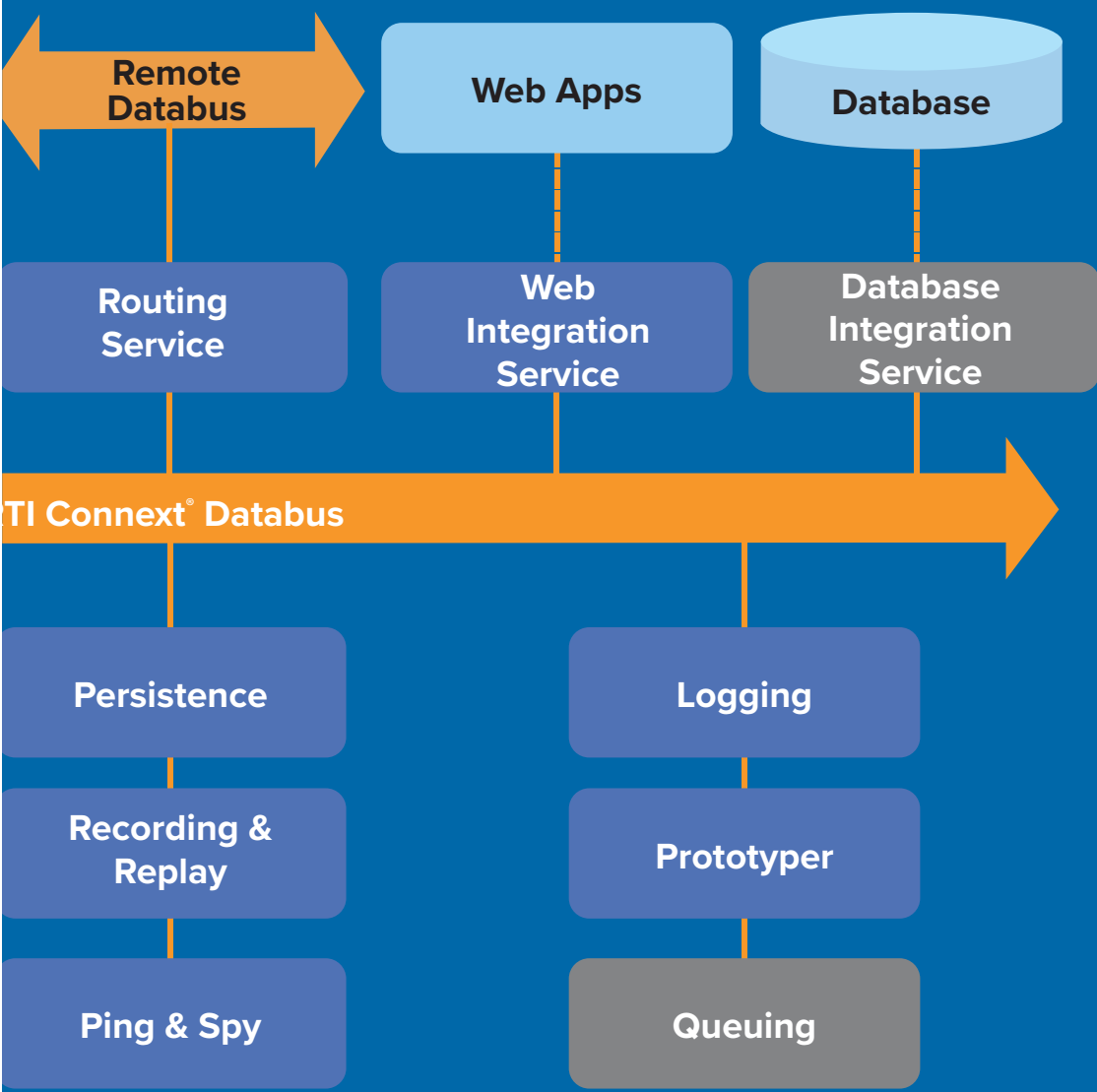
YOUR SYSTEMS, V



TOOLS – Manage, build and verify critical systems



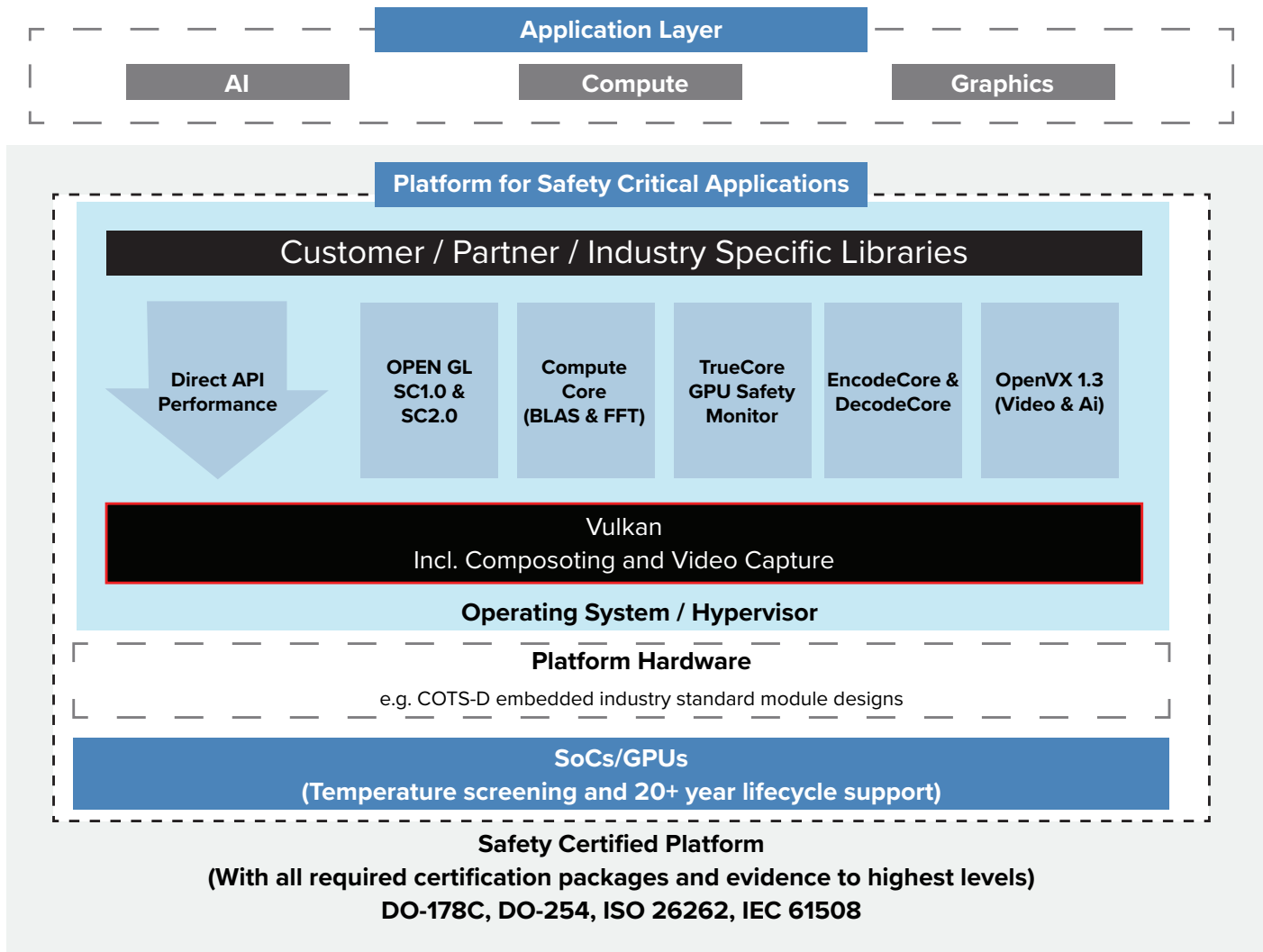
, WORKING AS ONE




PLATFORMS – Building Blocks for critical systems




CoreAVI's revolutionary safety certifiable platforms provide everything needed to develop vehicle control and display systems. This includes hardware IP, graphics and compute drivers, software libraries, firmware and real time operating systems, all from one vendor.





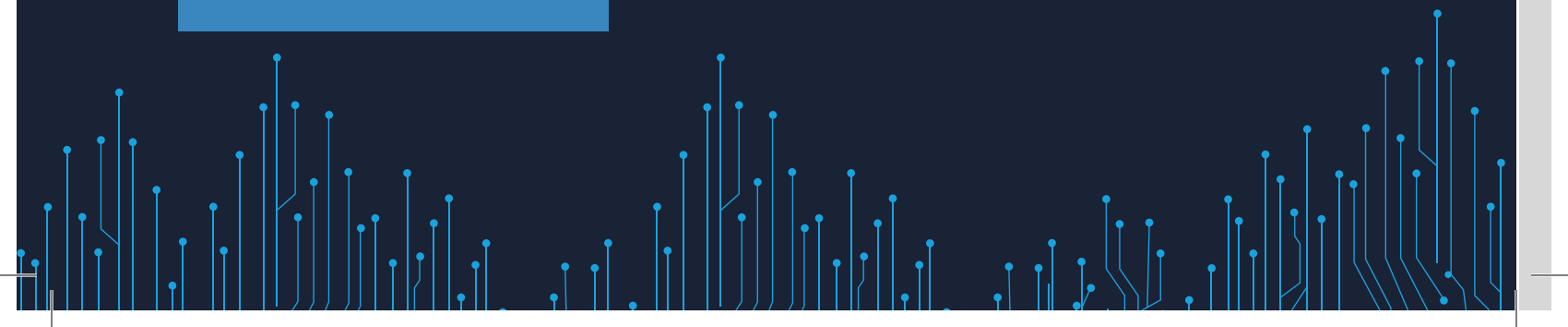
Cloud Based Data
Modern Cloud Platform



Instant-On
Always up to date and ready



Polarion X, an Application Life-cycle Management (ALM) Software, includes everything from Polarion On-Premise, in a cloud-based deployment - updates are deployed faster and users get access to alternative pricing options.



Wind River is accelerating digital transformation across industries by delivering the software and expertise that enable the development, deployment, operations and servicing of mission-critical intelligent systems from the edge to the cloud.



SPANNING THE FULL LIFECYCLE OF INTELLIGENT SYSTEMS



KEVLAR EMBEDDED SECURITY

Meeting Certified Security Requirements, Kevlar Embedded Security helps you meet your internal and/or external cybersecurity requirements with ease.

- Layered Security
- Flexible Integration
- Balanced Performance

SAFE, SECURE, RELIABLE AND CERTIFIABLE

WIND RIVER PLATFORMS for Safety Critical systems offer proven interoperability, flexibility and reliability in the most challenging application whilst our technology makes it easier and more cost-effective for organisations to meet stringent safety certification requirements.



Dedicated Systems

20 Years

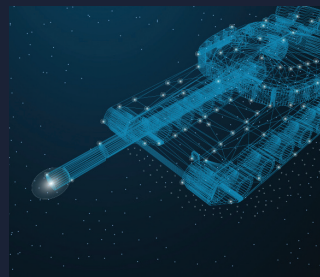
For over 20 years, leading companies have relied on Dedicated Systems to help them address the challenges of innovating, integrating and sustaining technology. Our customers build complex and critical systems, often deployed in challenging environments. Our best-of-breed products coupled with a team of highly experienced engineers help minimise risk, reduce total cost of ownership and improve outcomes.



AVIONICS



NAVAL SYSTEMS



LAND



EW/RADAR/SONAR



SPACE



CYBER SECURITY



RAIL MONITORING
& CONTROLS



MEDICAL DEVICES



AUTONOMOUS
VEHICLES



COMMUNICATIONS
& NETWORKING



RENEWABLE
ENERGY



MINING
AUTOMATION

Dedicated Systems Australia Pty Ltd

33 Warwick Street, Walkerville, South Australia, 5081

P +61 (0)8 8299 9333 E team@dedicatedsystems.com.au

