INGEQUIP project.

R R T EXUPÉRY

INGénierie EQUIPement

Objectives: Define Methods & Tools to get equipment, software & hardware architecture and product right first and safe earlier, lower cost : 30% gain on cycle and cost

HW/SW Co-development Technical

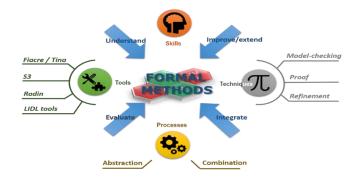
- Definition of a standards-based HW-SW system co-development process (CAPELLA, AADL, SystemC, IPXACT)
- Prototyping of interoperability solutions between standards and with virtualization platforms developed by our partners
- Improvement of our partners' virtualization (Space Studio, VLAB) and formal verification (S3, TINA) technologies.



V&V Technical

Definition of the integration of different formal techniques into an industrial process Development and formal verification of interactive applications using integrated LIDL, Lustre and S3 environments

Formal development (correct-by-construction) using the Event-B method, and Rodin and S3 environments







p Annexes.

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