MBD and Formal Methods: main R&D axis for CS

The power of innovation

Operational needs

Specification

Properties

Source Code

Binary code

2005 - 2012

CS strongly involved in DO-178C revision committee (WG 71)

- Model Based Development
- Formal Methods

RTCA SC-205/WG-71 EUROCAE

SDL models and function.

rs of collaborative studies between the CS team and the ENSTA research team

2012 - 2016

2008 - 2011

2005 - 2011

Static Analysis Techniques

U3CAT Unification of **C**ritical **C** Code **A**nalysis **T**echniques

ES-PASS promotes modern technology verification among manufacturers

2010 - 2012

2007- 2009