Efficient application of formal methods in the safety assessment

Integrating development and analysis environment for formal models
- developed since 2011
- Eclipse integration
- tool classification ENS0128:T2
- application of several common model checking tools
- qualitative and quantitative verification
- cloud-based scalable high performance analysis

Analysis functionalities
- verification of functional properties
- stochastic verification
- test case generation
- failure mode injections, fault tree generation
- system architecture optimization
- toolbase traceable documentation
- symbolic simulation and analysis of counter examples
- requirement traceability

Scientific references: