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Quality and Safety, a challenge for all in Space (1)

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ATICA: MBSA - MODEL BASED SAFETY ANALYSIS APPROACH FOR AEROSPACE SYSTEMS

Abstract

The MBSE methodology is already being implemented in the aerospace industry with an eye on this decade as the main differentiating value in the development of complex systems. The race to develop effective tools is going to be a turning point for organizations that know how to lead this change and integrate it effectively into their processes. For this reason, the development of a MBSA tool that can be integrated into other platforms as a necessary extension for RAMS analysis will be a truly differentiating value.

The initial technological base of ATICA comes from a tool previously developed by the ESA (European Space Agency) called ESA COMPASS (Correctness, Modeling and Performance of AeroSpace Systems) focused on the space sector.