

Altair - Open Architecture, No Vendor lock-in Model Based Systems Engineering (MBSE)

Product Brief

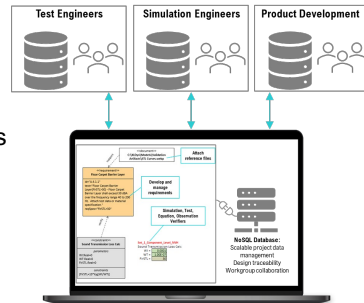
- + **Actionable SysML diagrams** automatically generate diagrams from documents
- + **MBSE Model Construction made easy**
- + **Design variant analysis**
- + **Requirement verification with simulation**
- + **Complete product toolset**
- + **Native support for Altair and Non-Altair Digital Twin analytical verifiers**

Altair Differentiators

- + **Supports MBSE without requiring multiple software tools** - Lower cost of ownership and training vs. enterprise level MBSE alternatives
- + **Easily facilitates model reuse** - Improves product team productivity, promotes consistency of the design process and supports design and component reuse
- + **Provides a collaborative design environment** with an integrated decision-making toolset for product development teams

DoD/Federal/Industry Customers Include

- + **Belcan** – [ATC presentation link](#)
- + **Ongoing engagements with:**
 - + Land vehicle Defense Prime contractors
 - + Aerospace Defense Prime contractors
 - + US National Laboratories



DoD Problems Solved

- + Addresses the difficulties in associating product requirements (e.g. Cameo, SysML Diagrams, ...) to verification methods (e.g. Simulation, Test, Observation)
- + Provides traceability
- + Enhances collaboration between/among teams
- + Provides an understanding of complexity, risks, and performance in comparison of model variants