

MoSSEC

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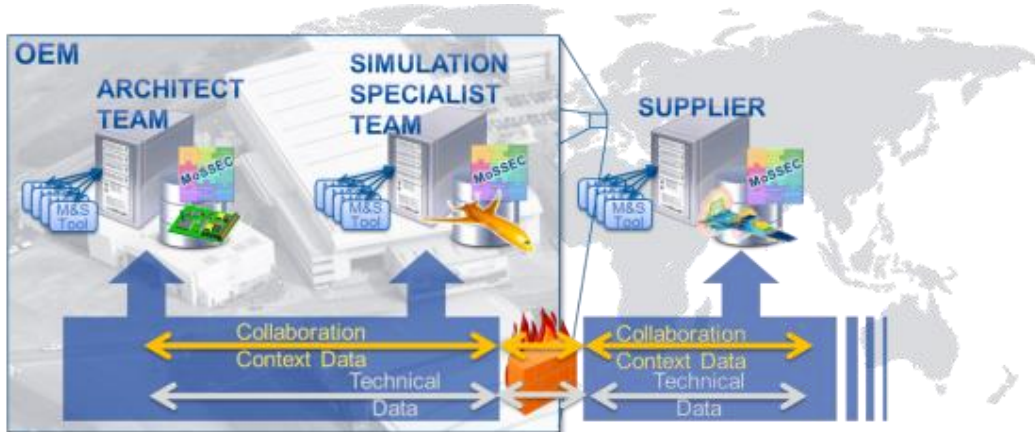
MoSSEC

A standard for sharing
Modelling and Simulation information
in a collaborative
Systems Engineering Context

MoSSEC: *Modelling and Simulation information in a collaborative Systems Engineering Context*

A work-in-progress ISO standard:

- To improve decision making for complex products.
- For sharing the systems engineering context (*Who, What, Where, When, How, Why*) of modelling and simulation data between Internal teams/domains and Extended Enterprise
- Supported by industrial partners (e.g. Airbus, Rockwell Collins, Boeing, BAE Systems) and vendors (e.g. Eurostep, Dassault Systèmes, MSC Software, Siemens)



Status:

- A first definition used extensively on research projects
- ISO New Work Item approved December 2016
- Creation of Committee Draft in progress



MoSSEC Unique Combination of Features

- Links Modelling and Simulation to the Systems Engineering Context
 - Uses objects at a business level
- Efficiently shares context information
 - Uses web services defined using the business object specification
- Builds on existing standards
 - Uses STEP New Architecture mapping to AP239 and the Core Technical Capabilities
- Supported by major Aerospace companies

