Modeling and Simulation is a Catalyst
Modeling and Simulation (M&S) provides a powerful and cost effective tool that can be used to promote innovation, to test capability, to facilitate preparation, and to support training. SimVentions experience in M&S is recognized throughout the M&S community.

Our M&S Experience includes:

• Standards Development and Integration
• System Modeling and Simulation Composability
• M&S Software Integration
• Tactical Interface Drivers / Stimulators
• Metadata Tools and Frameworks
• Visualization and Modeling Tools

SimVentions has proven experience in developing and integrating M&S standards, tools, and applications

For information about our products visit www.simventions.net/innovations
Our Experience and Capabilities

As a company, SimVentions has over 12 years of experience in the development of M&S requirements, standards, architectures, prototypes, and applications for a variety of needs including research, analysis, acquisition, testing, and training. Most senior engineers within the company bring over 20 years worth of experience in these disciplines. Our experience allows us to focus on providing the functionality offered by M&S to enable the DoD community and drive value to our warfighters.


- **Standards Development and Integration** (SISO, IEEE, M&SCO)
  - Distributed Interactive Simulations (DIS)
  - High Level Architecture (HLA)
  - Distributed Simulation Engineering and Execution Process (DSEEP)
  - M&S Community of Interest (COI) Discovery Metadata Specification
- **System Modeling and Simulation Composability** (Navy, Army, MDA)
  - Electronic Warfare (EW) Systems
  - Mid Range Ballistic Attack Munitions (MR-BAM)
  - Chemical Biological, Radiological and Nuclear (CBRN)
- **M&S Software Integration**
  - AH-64 Helicopter Trainer Rehost (L3)
  - OneSAF (Computer Generated Forces)
- **Tactical Interface Drivers / Stimulators** (Navy)
  - Wrap-Around Simulation Program (WASP) for SGS/AC
  - AEGIS Combat System Interface Simulator
- **Metadata Tools and Frameworks** (M&SCO, Navy, USMC)
  - Enterprise Metadata Builder Resource (EMBR) Portal
  - Primary Authors of M&S Metadata Specifications
  - M&S Framework for Accessing Cost and Technology (FACT)
- **Visualization and Modeling Tools**
  - Graphical Abstract Representation of Data (GARD) Toolkit
  - ConceptualWorks™ UML-based Modeler
  - DF-ASSET Test Bed with NASA World Wind Integration