

ARCHITECTURE MANAGEMENT INTEGRATION ENVIRONMENT (AMIE)

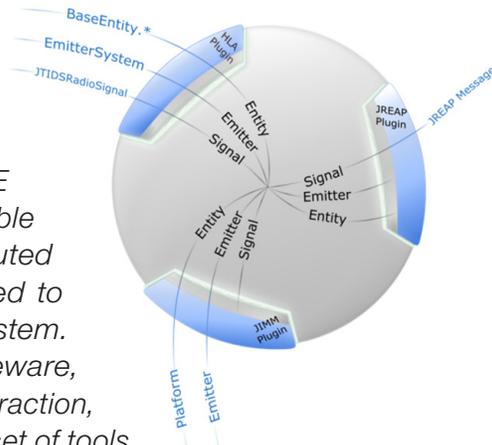
Promoting re-use and efficiencies across the acquisition lifecycle.

The goal of AMIE is to promote re-use and efficiencies across the acquisition lifecycle. This is accomplished through the use of a common and non-proprietary method of integrating models and simulations that "create the battlespace." AMIE reduces redundant development and provides means to integrate high-speed external assets, simulations, and support products.

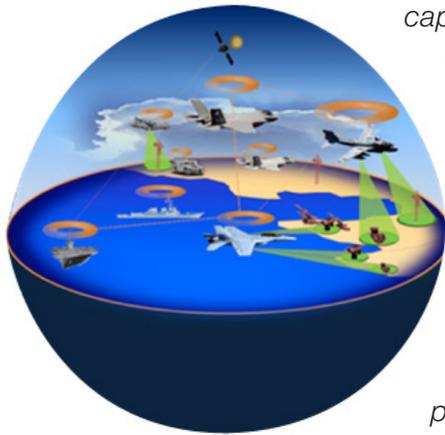
The Naval Air Systems Command (NAVAIR) Architecture Management Integration Environment (AMIE) is a common, non-proprietary method of integrating models and simulations that will "create the battlespace." AMIE is a cost effective open-architecture that allows multiple models to be in one location, making it more practical to test with live assets and threats in a joint environment.



Proven by the Naval Air Systems Command (NAVAIR) customers for over eight years, AMIE is a tested resource that can be continually utilized. The AMIE environment provides a reliable way to interface distributed simulations without the need to change the underlying system. As a cross-platform middleware, it provides an interface abstraction, collection of libraries, and a set of tools that help solve the reusability problem associated with the direct implementation of interface protocols. As a lead in the industry, AMIE protects information while promoting simulation integration.



The Architecture Management Integration Environment (AMIE) is owned by the Integrated Battlespace Simulation and Test (IBST) Department within NAVAIR. This open architecture system enables programs to focus investments on program-specific requirements, rather than developing individual stove-piped simulation systems. By integrating components, the AMIE allows organizations to become interoperable by integrating software and hardware in their native architecture environments. Benefits of the AMIE include eliminating stove-piped simulation systems by focusing on program-specific requirements when developing simulation capabilities, rather than developing individual stove-piped simulation systems. This environment also provides a consistent and open architecture for enterprise use and allows organizations to integrate software and hardware in their native architecture environments.



Analytical data can also be provided in a standardized format, which helps provide means to verify SoS operational performance and warfighter capabilities to meet mission requirements. This helps common open architecture to integrate cross vendor products while maintaining competitive edge without revealing proprietary data.

INCLUDED IN THE AMIE RELEASE

- Getting Started with AMIE
- AMIE User's Guide
- AMIE Tutorials including Examples
- Plugins:
 - DIS
 - Version 6
 - Version 7
 - CAFDMO
 - HLA NASMP
 - Version 1.2 RTI NGPro
 - Version 1.4.13 – 17 RTI NGPro
 - TENA
 - 6.0.1 Cross Domain Solution
 - 6.0.4.2 Standard
 - 6.0.4.2 InterTEC
 - Joint Integrated Mission Model (JIMM)
 - JREAP
 - Simple
 - Recorder
- Libraries
 - Coordinate Conversion
 - Plugin
 - Chapter 10
 - Telnet
 - Link 16
 - Link 11
- Applications
 - Plugin Test Tool
 - Plugin Gateway
 - Chapter 10 Viewer

SUPPORTED PLATFORMS

Windows 7 32-bit & 64-bit

- QT 5.4.1
- VS2010
- VS2012
- VS2013

Redhat Enterprise 32-bit & 64-bit

- QT 5.4.1
- GCC