



## JOINT SIMULATION ENVIRONMENT (JSE)

- Government designed and built immersive virtual simulation supporting 5th generation mission systems Research Development Test & Evaluation (RDT&E).
- Supporting F-35 Operational Testing and 4th – 5th gen integration testing as well as future testing needs of the F-35 and other platforms.
- Flexible, reusable, tailorable, and cost effective solution for developmental, operational and interoperability testing.
- Includes multiple Department of Defense Enterprise Standards, including Next Generation Threat Simulation (NGTS), Architecture Management Integration Environment (AMIE), Digital Integrated Air Defense System (DIADS), Threat Modeling Analysis Program (TMAP), Weapon Server Common Environment (WSCE), and Extensible Architecture for the Analysis and Generation of Linked Simulations (EAAGLES) as common interfaces.
- Integration with Air Combat Environment Test & Evaluation Facility (ACETEF) Large Anechoic Chamber.

### FEATURES

- Integrated use of Navy and AF facilities, models, methods, and tools
- Man In The Loop (MITL)
- Hardware In The Loop (HITL)
- Ability to Link geographically distributed MITL/HITL Assets
- Leverage of Intelligence Community models
- Architectures to support the expansion of the JSE over time
- Architectures to support the extension of the JSE for other Service uses

