



# ACES

Advanced Center for  
Experimentation & Simulation

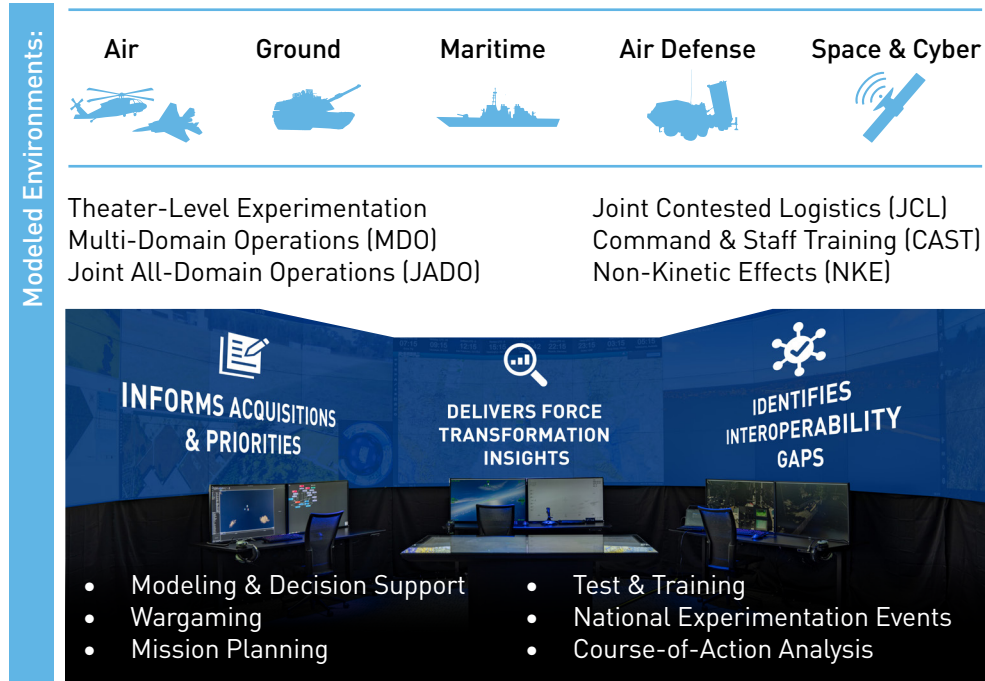
State-of-the-Art Wargaming and Decision Support

# ACES

ACES is a **state-of-the-art wargaming system** that enables military forces to test, evaluate and train new tactics, technologies and operational concepts through modeling and analysis of complex scenarios.

As a **single, integrated platform for modeling and simulation**, ACES is a comprehensive and versatile tool that supports a wide range of military operations, from planning and training to execution and analysis.

ACES allows military forces to be more **agile and responsive**, providing a significant advantage to ever-evolving threats and emerging technologies in the complex, modern battlefield.



## FEATURES

- Advanced modeling and simulation capabilities
- Integrated planning and training tools
- Real-time analysis and feedback
- Scalable and adaptable architecture, optimized for artificial intelligence and machine learning
- Course-of-action analysis and operational analysis
- Comprehensive reporting suite, including over 100 reports on after-action reviews, weapons performance, organization performance, battle damage assessment, logistics and casualty states

## BENEFITS

With ACES, customers can:

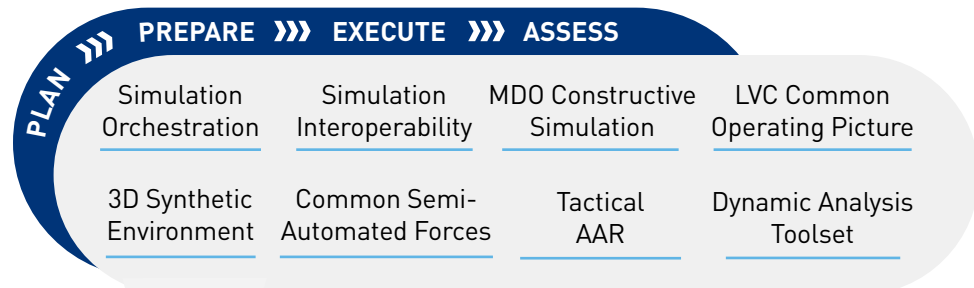
- Improve effectiveness in complex and dynamic environments
- Identify capability gaps and improve overall defense posture
- Enhance response to emerging threats
- ... to gain a competitive advantage.

## SAMPLE USE CASES AND EXPERIMENTS

- Integrated Air and Missile Defense:** Determine the effectiveness of IAMD deployments against various threats
- Weapons/Platform Effectiveness:** Evaluate the effectiveness of a weapon or platform in various battle scenarios
- Joint Operations:** Investigate the methods of operations, communications between forces
- Weapons Capability:** Analyze the impact of adjusting the parameters and operation of a given platform
- Contested Logistics:** Simulate the impact to battle scenarios based on logistic disruptions
- Force Organization:** Examine the effectiveness of changes to the ORBAT of a given force

*Our product improvement growth path continues to expand capabilities and support for joint all-domain use cases.*

## ACES TOOL SUITE & REPORTS



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