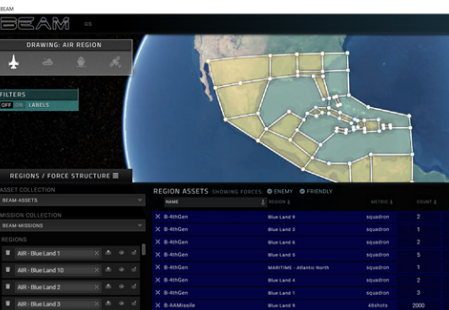


WHAT IS BEAM?

The Bilateral Enterprise Analysis Model (BEAM) is a defense enterprise-level simulation capable of exploring future technologies, strategies, force structures and the impacts of changing access to infrastructure and basing decisions all within the context of intelligent and adaptive adversaries.

Today's most advanced warfighting models are typically locked into a specific scenario simulating a static strategy, infrastructure, and adversary behaviors. Revision to these elements of a scenario has traditionally been very time-consuming, impacting the ability to provide responsive analytic support. BEAM represents a revolutionary approach to more quickly answer these types of enterprise-level questions.

Although campaign analysis is complex, BEAM proves that the tool does not have to be.



BEAM

BILATERAL ENTERPRISE ANALYSIS MODEL

FEATURES

- Converges on campaign objectives by allocating forces to missions using outcomes that are stored from mission-level data
- Evaluates uncertainty through threads and sampling across the asset probability distributions
- Operates on a standard data-structure for all types of missions
- Provides extensive output data about mission and asset contributions to campaigns

BENEFITS

- Provides ability to evaluate friendly and adversary military strategies
- Uses real-time strategy adaptation to account for opponent strategies and new technologies
- Allows for rapid search across broad strategy, force structure, and infrastructure tradespace
- Accounts for uncertainties of outcomes
- Provides traceability of results to outcomes
- Runs on standard personal computer
- Allows analysts to quickly run and understand BEAM in intuitive user interface

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