Defense Modeling & Simulation Catalog

Does the Concept of the “Defense M&S Marketplace” Make Sense?

Presented to the
NDIA M&S Committee
April 21, 2015

The Defense Office of Prepublication and Security Review has cleared this document for public release (Distribution A) (Case No. 15-S-0988).
Topics

- Purpose of the Defense M&S Catalog
- Capabilities
- Concept of Operations
Purpose of the Defense M&S Catalog

- Fulfill vision of the **DoD Net-Centric Data Strategy** for the Modeling & Simulation Community of Interest

- Make M&S data products visible, understandable, and available to “unanticipated but authorized users” across the DoD
  - Discovery metadata associated with M&S data products
  - Available via NIPRNet throughout DoD
  - CAC access (or PKI certificate)

- Realize benefits of “discovery and reuse” of M&S data products
  - Accelerate decision cycles
  - Increase efficiency
  - Avoid unnecessary costs
  - Improve interoperability
Initial Operating Capability (1 Nov 2013)

IOC Capabilities Delivered
- Complete hardware refresh
- Complete software refresh
- Ensure continuity of operations
- Preserve legacy data
- Simplify user interface
Path to Final Operating Capability
(14 Nov 2014)

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Federated Search

Enterprise Catalog

Search
Contribute

Web services

System to System

Catalog Users

User Systems

CR 1 Capabilities Delivered (4/30/14)
- Automate metacard publication
- Enable uploading of data payloads
- Enable user to save search parameters
- Enable subscription service

CR 2 Capabilities Delivered (8/31/14)
- Expand federated searches
- Establish system-to-system publishing
- Activate Catalog reports
- Activate geographic search features
- Enable user feedback

FOC Capabilities (11/14/14)
- Improve workflow and interfaces
- Integrate EMBR “look and feel” to improve user experience
An Easy Modification

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M&S Catalog Concept of Operations

Local Management

- Operational Test Agencies
- Defense Laboratories
- Training Centers
- DoD Colleges and Universities
- Program Executive Offices
- Service M&S Offices
- Analysis Centers

Enterprise Discovery

Benefits

Local Management
- Useful management, collaboration tools
- Standardized tools across M&S COI
- Local control
- Redundant, IA-compliant record storage

Enterprise Discovery
- Larger, more diverse Catalog holdings
- More current holdings
- Greater probability of reuse and consequent savings
Discovery, Reuse, Interoperability

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