Background

The processes to generate ready and responsive forces over time to enable their projection and employment as a part of Joint and Combined Forces is a complex challenge. U.S. Forces Command (FORSCOM) selected ProModel Corporation as a partner to develop an automated tool modeling the Total Army moving through the Deploy to Redeploy and Retrograde (D2RR) process over time. The result is the ARMY Synchronization Tool (AST), which has capabilities available on the secret and unclassified military networks. The AST is the “authoritative system of record to synchronize the Army’s force generation process” for which FORSCOM serves as the manager. Headquarters Department of the Army (HQDA) has also selected AST to be one of the foundational capabilities in the Global Force Information Management – Objective Environment (GFIM-OE). Many of the capabilities in HQDA G3 GFIM systems will be subsumed and enhanced by AST as the transactional system within GFIM-OE.

Objectives

Major objectives supported by AST are as follows:

1. Gather all Army conventional force requirements worldwide in one location and review validated requirements over time to include Army Service Requirements.
2. Visualize Army unit calendars to identify friction points and synchronize training, modernization, and other requirements based on a unit’s SR cycle and availability.
3. Validate and inspect Army Inventory through a Capability Catalog.
4. Source force requirements with the available Army inventory to fulfill missions based on Global Force Management (GFM) sourcing guidance.
5. Model units flowing through the D2RR process with scheduling capabilities to synchronize key events, to optimize readiness, and fulfill operational demands.
6. Provide scheduling capability to capture Brigade Combat Teams, required enablers, troop list exceptions, special operations, and non-army participants training at the Combat Training Centers (CTC).
7. Provide capabilities for the Sustainable Readiness (SR) Process to model unit readiness cycles, analyze rotational and contingency demand, assess the unit inventory to fulfill demand, and provide analysis to inform budget decisions within the Program Objective Memorandum (POM) process.
NIPR Army Unit Calendar (AUC)
Customizable timeline representation of events within SR cycles for the Total Army to achieve required readiness.

SIPR Readiness and Force Generation
Provides various functions from “Wizards” to building a “KDRO” Worksheet to importing/ exporting data source units to meet force requirements.

NIPR Modernization Decision Support Module (MDSM)
View and validate synchronization of Army unit-level modernization events within Sustained Readiness cycles and availability.

NIPR Capability Catalog
Validate and inspect Army Inventory through a Capability Catalog.

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**AST’s Impact on Army Decisions**

- Visibility of Army capabilities, force requirements, and the allocation to meet force requirements.
- Visibility of units progressing through their Sustainable Readiness Cycles.
- Increased visibility of shortfalls to influence the force management process.
- Ability to conduct “what-if” and “course of action” analysis on capability / unit utilization, policy decisions, and GFM business practices.
- Adds greater fidelity to decision making while accounting for risk, constrained resources, and changes in Army business processes.

**AST in the Global Force Information Management-Objective Environment (GFIM-OE)**

- GFIM-OE will enable Deploy-to-Redeploy / Retrograde end-to-end business process in support of Dynamic Force Employment.
- Compatible with the Global Force Management Data Initiative portraying Army force structure within DoD systems.
- AST will specifically address classified and unclassified capabilities of unit and individual requirements, sourcing, mobilization, force generation, and deployment of forces.

This document is subject to the disclaimer located on the title page.

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