GENERAL DYNAMICS
Mission Systems

Progeny Systems

EMPIRE

Enterprise Mission Planning and Integrated Real-time Execution

A Digital Mission Planner for Smarter Missions and Real-Time Execution Accessibility

Features:

- **Operational Value**
  - Joint Force Multi-Domain Mission Management
  - Long-Range Kill Chain (LRKC)
  - Contested Logistics Coordination
  - Tactical & Operational Package Integration
  - 4D (3D + Time) Command and Control (C2)

- **Real-Time Collaboration**
  - Simultaneous Multi-User Support
  - Live Updates
  - Versioning & Planning History

- **DoD-wide Integration**
  - Collaborative Multi-Echelon Planning for All Sectors of the DoD

- **Route Optimization**
  - Optimized Asset Routing
  - Environmental Data
  - Time/Distance Factors

- **Browser Based**
  - Web App for a Multitude of Devices
  - Supports On-Prem, Hybrid and Cloud Environments

- **External Planning Participant (EP2)**
  - Interface Allows External Systems to Programmatically Participate in EMPIRE's Collaborative Planning Process
  - Facilitated by EMPIRE's Near Real-Time Collaboration (NRTC) Subsystem

- **Robust Monitoring**
  - Tracking Data from ISR Sensor Feeds

- **Informed Mission Planning**
  - End-to-End Mission Planning for Large Joint Operations to Unit-Level Tactics

- **Currently Integrating into the Overmatch Software Armory (OSA)**

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