Joint Project Manager Information Systems (JPM IS) Overview

CBIS

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Agenda

- JPM IS Overview – Mr. Scott White
  - Organizational changes
  - Program Overview
  - CY 06 Accomplishments
  - JSTO partnership
  - Business Opportunities

- Joint Effects Model (JEM) – Mr. Thomas Smith
- Joint Operational Effects Federation (JOEF) – Ms. Kathy Houshmand
- Joint Warning and Reporting Network (JWARN) – CDR Mike Steinmann
- JPM IS Software Support Activity (SSA) – Mr. Kevin Adams
Program Overview
End-to-End Capability

Preformatted NBC Reports

Common Operational Picture (COP)

Sensors

JWARN

JEM

JOEF

“Reach-back” capability

TEST, TEST, TEST
JPM IS Accomplishments

• JWARN and JEM integration into GCCS-J 4.1

• Developed, tested, and delivered an upgraded version (JWARN 1F) of the JWARN 1E system currently in wide use by OIF and OEF deployers

• Identification of Wireless technology solutions for evaluation and potential inclusion with JWARN Block One
  – Will provide sufficient coverage for typical air base
  – Supports rapid mobile dismounted deployment
  – Meets IA requirements
  – NSA certifiable

• JEM - Completed integration of 3 legacy T&D models into one SOA baseline

• JOEF development contract award to CUBIC
Partnership with JSTO

- Sensor Alert Verification for Incident Operational Response (SAVIOR)
- Shared Common Operational Picture (COP)
- JCID Thin Client Server
- InterLAN Service Connection Manager (ILSCM)
- JCID on a Chip
- Urban Dispersion Models
- Internal Modeling for STAFFs

JSTO is providing critical tech base input
Acquisition Pull: The Technology Transition Paradigm

**Joint Warning and Reporting Network**

- **Increment 1**
  - DT OA MS “C” IOC FRP FOC
  - InterLAN Socket Connection Manager
  - Shared COP

- **Increment 2**
  - DT OA MS “C” IOC
  - JCID Thin Client Server
  - JCID on a Chip
  - SAVOR

**Joint Effects Model**

- **Increment 1**
  - DT OA MS “C” IOC OT FRP FOC
  - Rapid Wind & Pressure Calcs around Buildings
  - Improving RUSTIC

- **Increment 2**
  - DT OA MS “B” MS “C” IOC OT FRP FOC
  - GEDIS
  - Urban Dispersion Model
  - Agent Fate
  - Hazard Prediction w/Nowcasting
  - CB Source Determination
  - TIC Source Emissions
  - Release and Atmospheric Dispersion of Liquid Agents
  - Multiscale Nudging
  - Mass Consistency Wind Model
  - Predicting Effects Due to Infectious/Contagious Diseases
  - Waterborne Transport Models

**Joint Operations Effects Federation**

- **Increment 1**
  - DT OA MS “B” MS “C” IOC FOC Sustainment
  - Next Generation Modeling
  - Internal Modeling for STAFFS
  - C-IED
  - IIMS

- **Increment 2**
  - DT OA MS “B” MS “C” IOC FOC Sustainment
  - Radiological Operational Effects

▲ = technology insertion
## Business Opportunities

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<tr>
<th>Time Period</th>
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<tbody>
<tr>
<td>FY06 &amp; FY07</td>
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<tr>
<td>Open Indefinitely</td>
</tr>
<tr>
<td>FY08 – FY12</td>
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<tr>
<td>FY08 and beyond</td>
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<td>FY08 – FY09</td>
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<td>FY07-FY12</td>
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<td>FY06 – FY08</td>
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- **Physical Science and Technology Broad Agency Announcement (BAA)**
  - December each year
  - Other BAA solicitation occurs under the CBDIF program

- **SPAWAR Knowledge Superiority (BAA)**
  - JPM IS Technology Challenges/S&T Gaps

- **JWARN**
  - JCID production (RFP)
  - Block 2 Increment 1 Sustainment
  - Block 2 Increment 2 Design & Development

- **JEM**
  - JEM Lead Integrator (SEAPORT E)
    - Sustain Block I
    - Integrate S&T Capabilities for Block II & Beyond

- **JOEF**
  - JSTO Technology Insertion Increment 1
  - JSTO Technology Insertion Increment 2
  - Software Development Increment 2 and beyond
# Points of Contact

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<tr>
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<th>Phone Number</th>
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