



# Integrated SATCOM Operations & Management



# Agenda

- Background
  - SATCOM-GIG Integration Initiatives
  - Notional ISOM Operations in a Single Satellite Footprint
- ISOM JCTD
  - ISOM TD2 Architecture
  - Delivery Schedule
- Transition to Operations / Future effort

# SATCOM-GIG Integration Initiatives

**SATCOM-GIG integration is following an evolutionary approach:**

2007

## SATCOM-GIG Integration Vision and Strategy

- Requested by DISA Deputy Director MG Quagliotti in Oct 2006
- Jointly led by USSTRATCOM and DISA
- Resulted in recommendation for detailed Roadmap as next step

2009

## SATCOM-GIG Integration Roadmap

- Established set of detailed recommendations to advance GIG NetOps
- Leveraged industry standards and best practices for network and service management integration
- Initiated effort to ensure DoD requirements, acquisition, and management processes can be influenced to achieve the NetOps vision

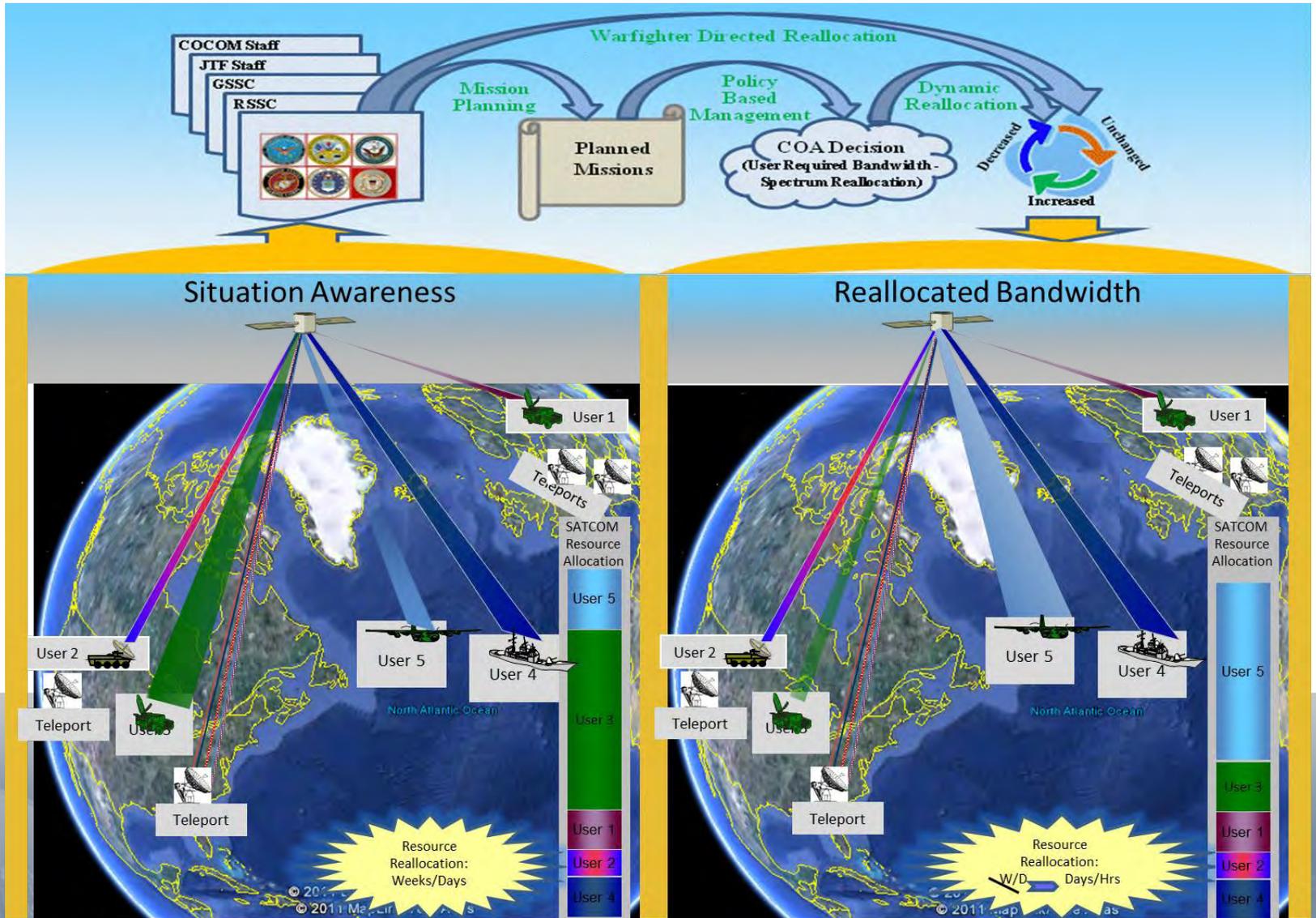
2010-2013

## Integrated SATCOM-GIG Operations and Management (ISOM) JCTD

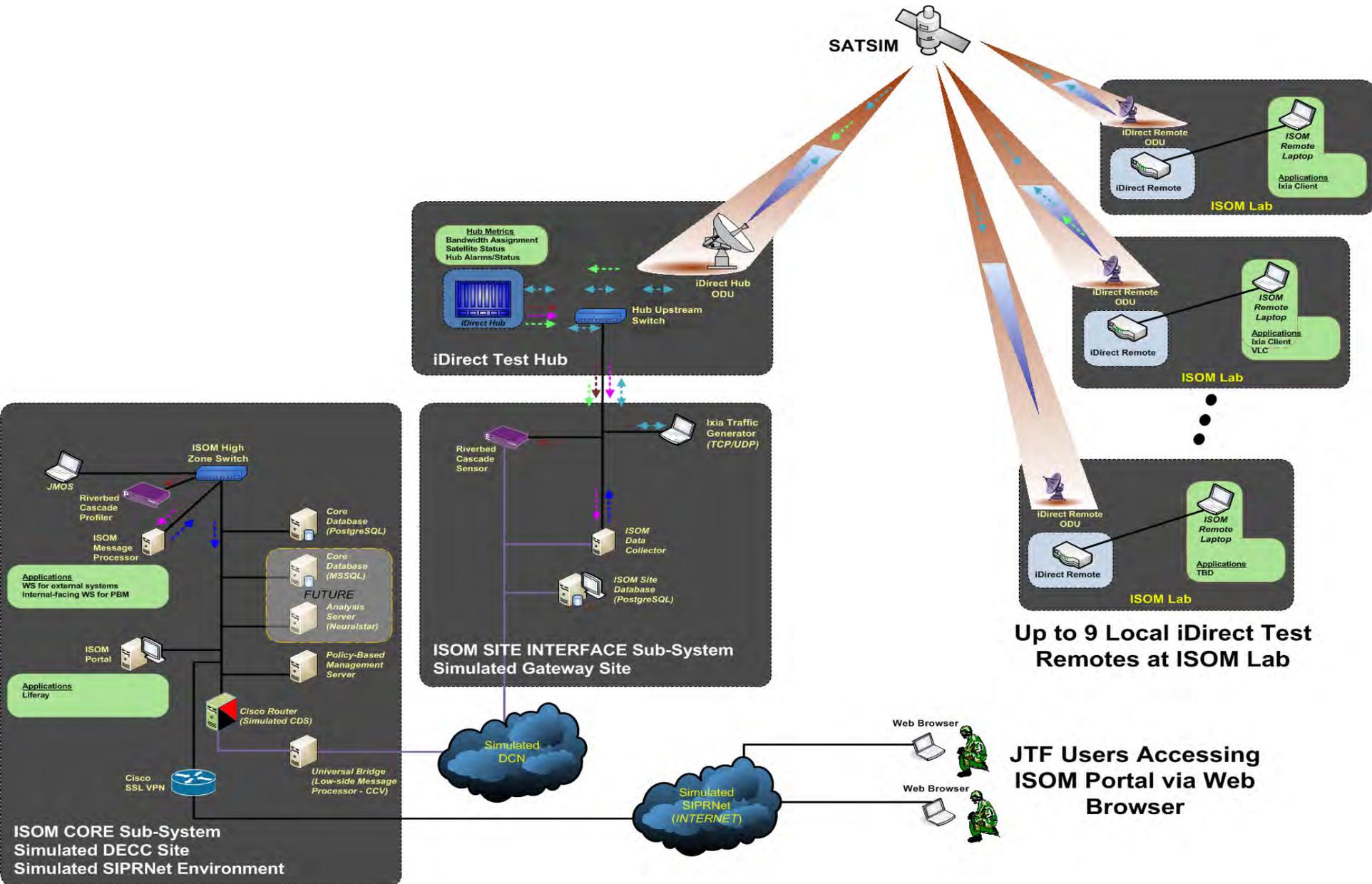
- The initial step, as recommended in the SATCOM-GIG Integration Roadmap

**Other Roadmap Steps, When/As Appropriate**

# Notional ISOM Operations in a Single Satellite Footprint



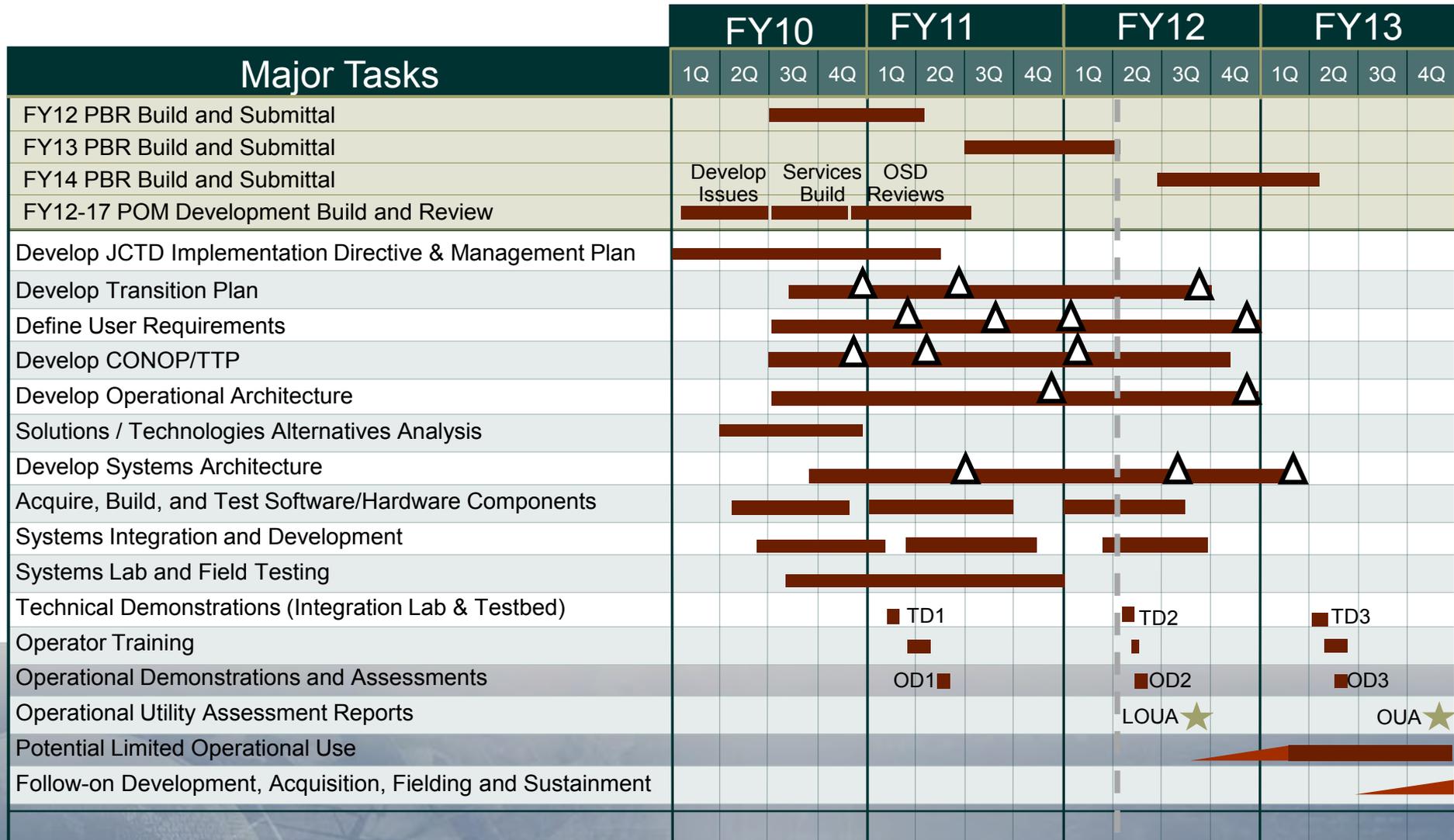
# ISOM TD2 Architecture



Up to 9 Local iDirect Test Remotes at ISOM Lab

JTF Users Accessing ISOM Portal via Web Browser

# ISOM JCTD Delivery Schedule



# Future SATCOM-GIG Integration Initiatives

- **SATCOM-GIG Roadmap Recommends Other Initiatives Following ISOM JCTD**
  - **Develop Network Access Request (NAR) Process**
  - **Establish GIG Governance Working Group**
  - **Develop Initial Capabilities Document (ICD)**
  - **Develop Architecture and Interfaces**
- **ITOM Vision Will Require Similar NetOps Capabilities be Developed for Other...**
  - **SATCOM Systems,**
  - **SATCOM Architectures**
  - **Networks**
- **ISOM Best Practices Should be Applied to Future SATCOM-GIG Integration Initiatives**

# Questions?