



Precision Strike Association

Accelerating Precision Strike Technology for Stability Operations and Protection of Coalition Forces

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Strike Weapons and Unmanned Aviation
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AARGM

Key Capabilities

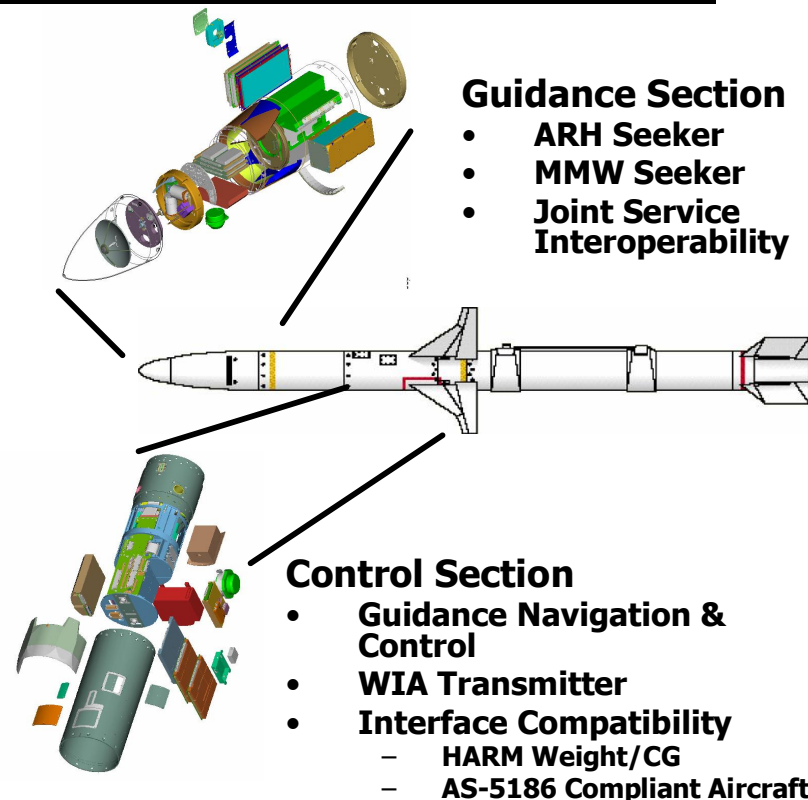
- **Counter Shutdown**
 - Active Millimeter Wave (MMW) guidance
- **Expanded Threat Coverage**
 - Enhanced Anti-Radiation Homing (ARH) receiver
- **Netted Targeting**
 - Real-time Intel feed via Integrated Broadcast Service Receiver (IBS-R)
 - Weapon Impact Assessment (WIA) transmitted prior to detonation
- **Geospecificity**
 - GPS/Point-to-Point Weapon
 - Impact Avoidance Zones (IAZ)/Missile Impact Zones (MIZ)
- **Multi-Spectral Guidance to Kill**
 - ARH, MMW, GPS

Acquisition Objectives

- **Quantity** **1750**
- **IOC** **FY09**
- **Target Price (Unit FY03)** **\$475K**
- **Next Milestone (FEB 06)** **CDR**

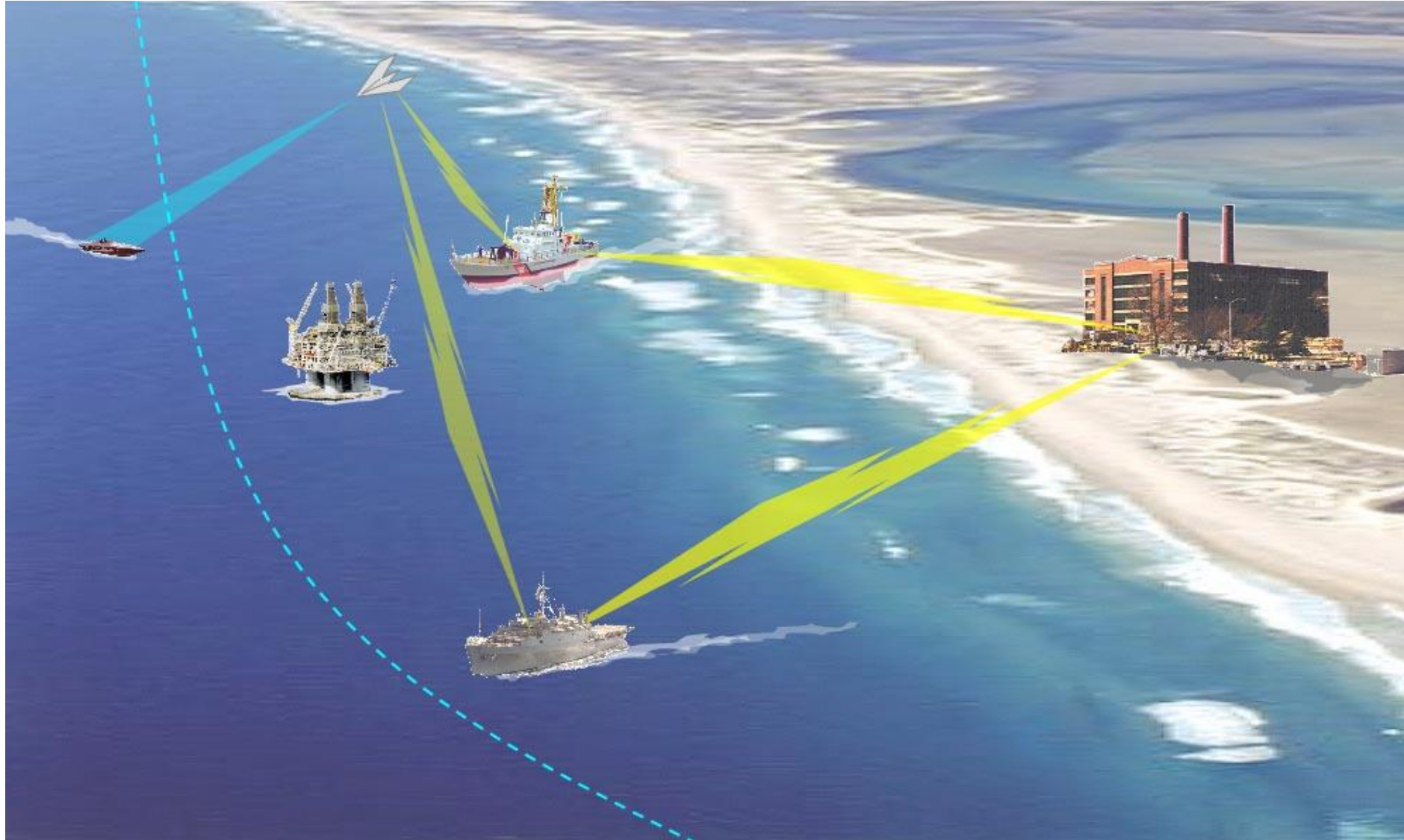
Operational Modes

| Mode | HARM | AARGM |
|------------------------|------|-------|
| Emitter Engagement | X | X |
| Exclusion Zones | | X |
| Stationary Non-Emitter | | X |
| Moving Non-Emitters | | X |
| BDA Support | | X |





UAV Support for Maritime Security





Dynamic Re-planning (JMPS in the cockpit)

Airborne Replanning

Mission Data

- Aircraft Sensors
- Execution/Debrief

Updated Mission Plans

- Aircraft route
- Weapon routes/employment

Ground-Based Replanning

Situational Awareness

- Pre-determined data push
 - Periodic (COP, OOB, BFT)
 - Asynchronous/Rule-Based
- Ad-Hoc Query

Updated Mission Plans

- Aircraft routes
- Weapon routes/targets/employment



JMPS Client

JMPS Client

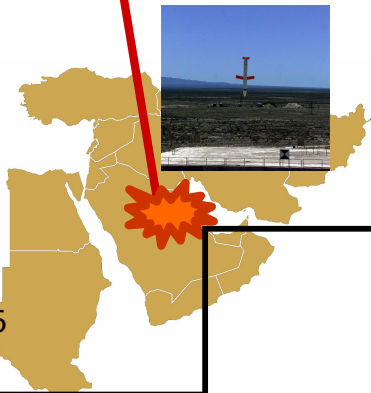
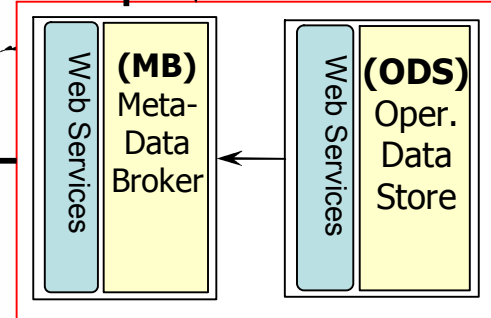
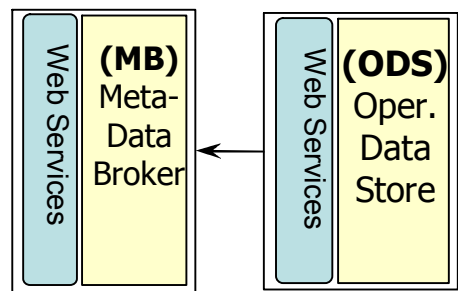
JMPS Server

JMPS Server

- Airborne IP Network
- Wireless brick/LINK-16

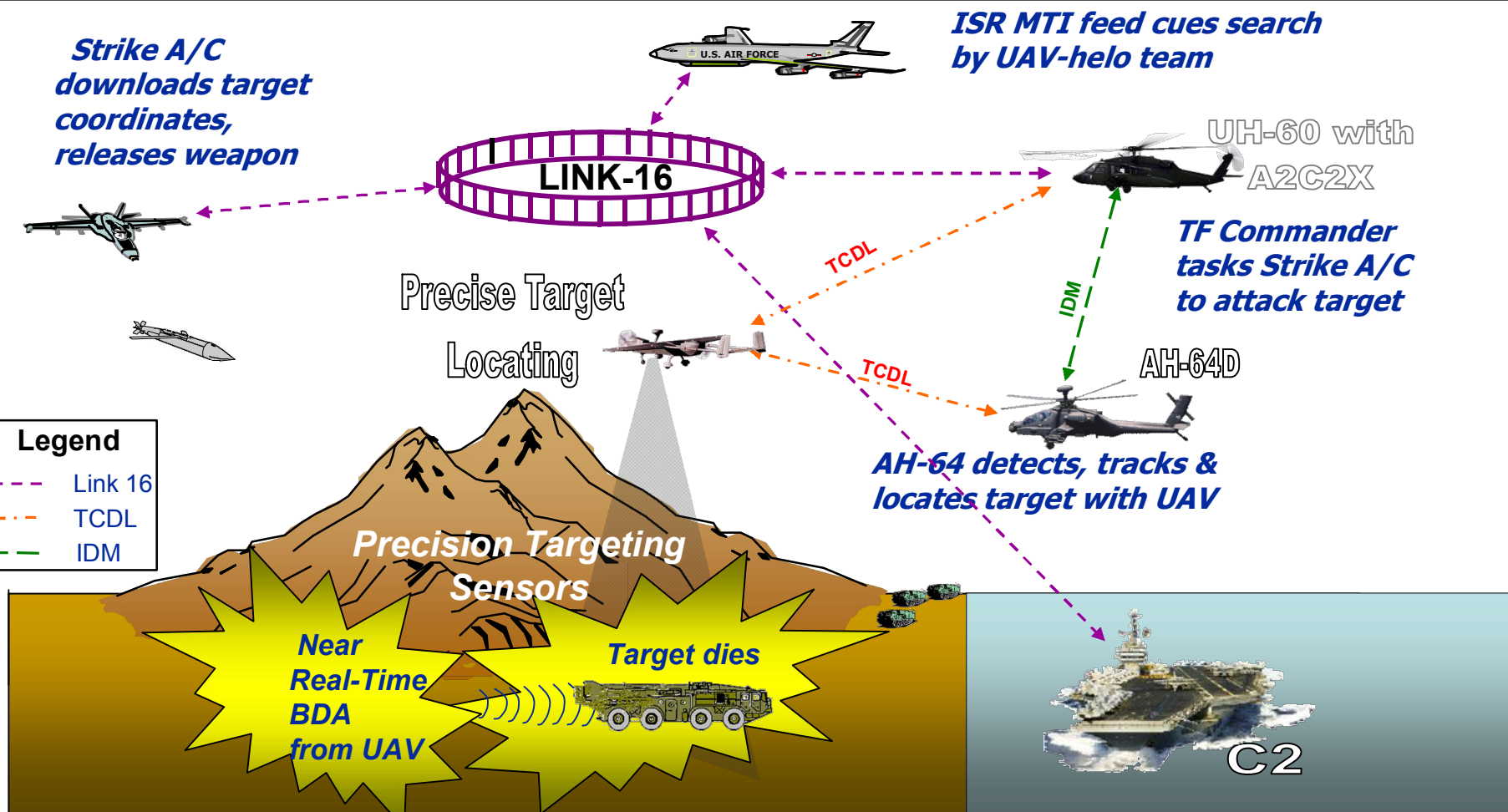
GCCS-M
C2PC
DCGS

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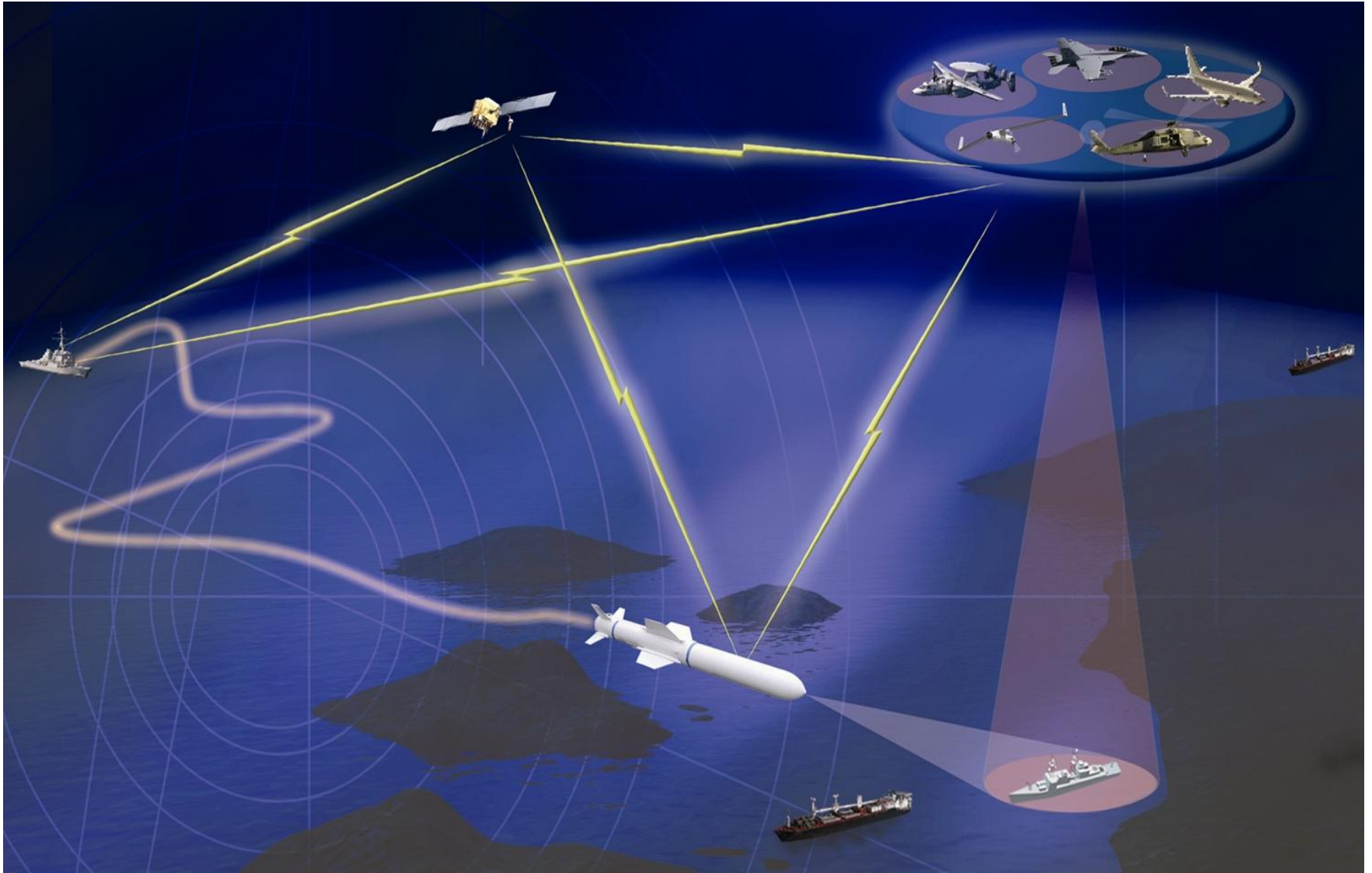
Hunter Standoff Killer Team ACTD Sample Employment Concept



ACTD enables direct feedback between operational units and technology developers as "good ideas" get put to the warfighter test!



Harpoon Block III





Summary

Accelerating technology to solve existing problems requires:

- ***Accelerating non-materiel aspects of a solution, too***
- ***Building user confidence via demonstrations***