



PM Signals Warfare Contract Opportunities

Christian Keller

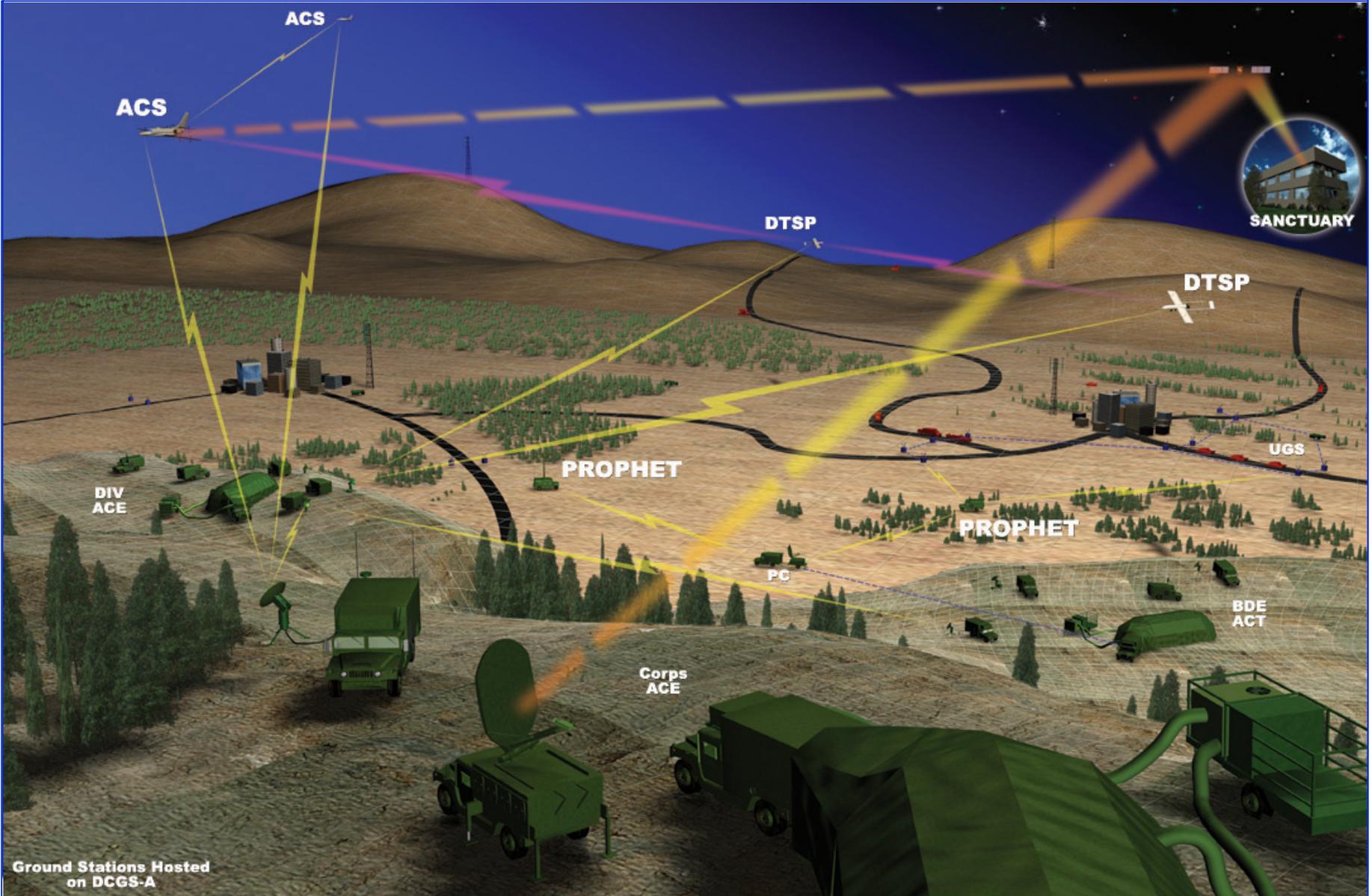
Deputy Project Manager Signals Warfare

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GR/CS



GUARDRAIL/Common Sensor (GR/CS)

Supports the Corps and EAC Command With:

- *Tactical Intelligence/Signals Exploitation*
- *COMINT and ELINT Direction Finding and Precision Location*
- *Near Real Time Reporting*
- *Interoperable With AFS and National Sensors*
- *Connectivity to National Databases*

ARL



Airborne Reconnaissance Low (ARL)

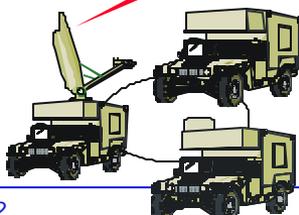
- *Full ISR Wartime Capability*
- *Support OOTW, Counter Narcotic, and Emergency/Natural Disaster Operations*
- *FLIR, IRLS, DIS, MTI/SAR and COMINT Sensor Suites*
- *On-Board Operators and NRT Dissemination via LOS and SATCOM*

ACS



Aerial Common Sensor (ACS) - "The Future"

- *Enhanced Precision Location*
- *Rapidly Deployable*
- *Increased on Station Time*
- *Extended Range*
- *Interoperable With Joint and National Systems*
- *Multi-INT - SIGINT, IMINT, MASINT (With Cross Cueing)*
- *Broadcast Dissemination*
- *DCGS-A Ground Station*

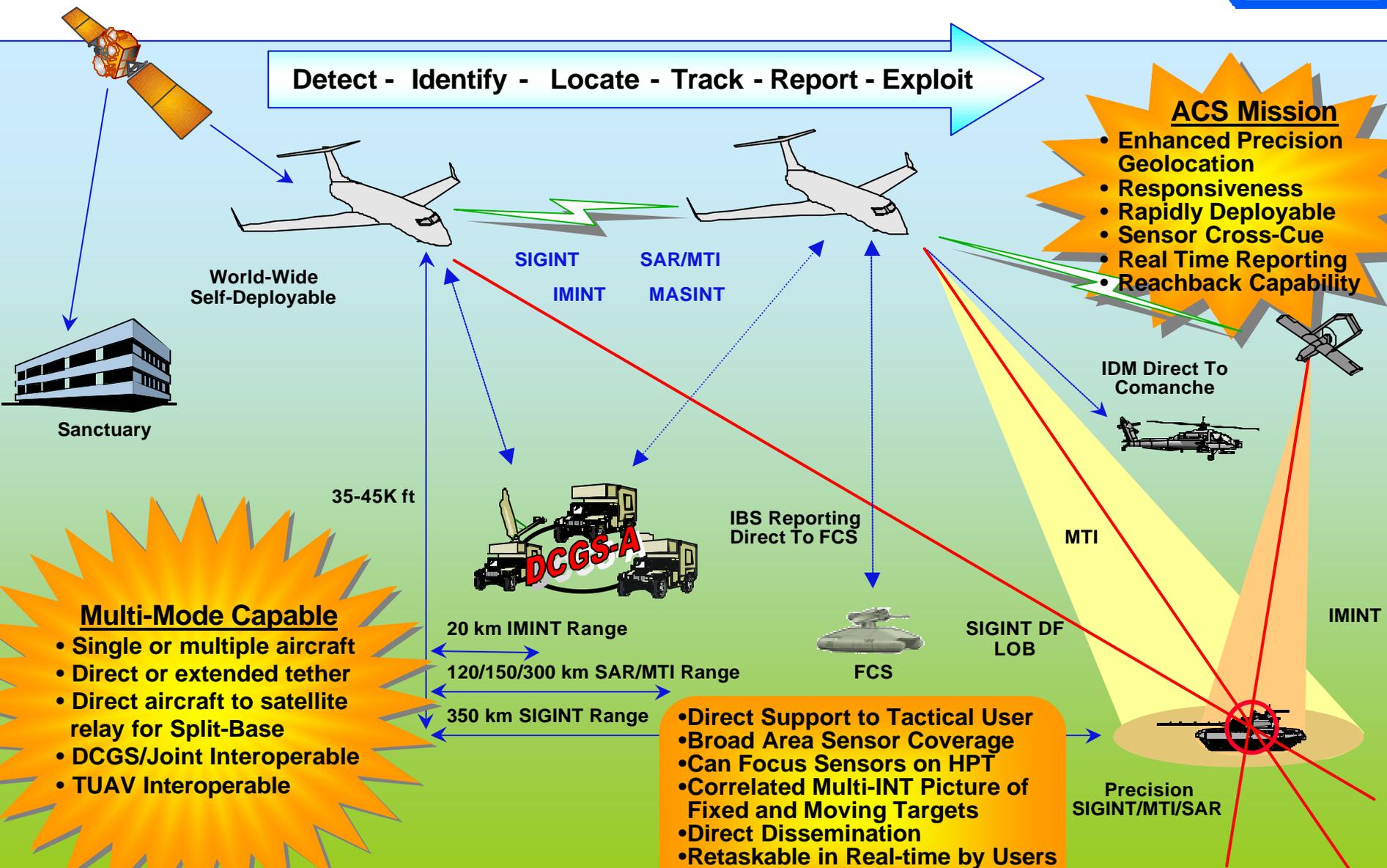


Aerial Common Sensor



Operational Concept - Corps/Division Support

Detect - Identify - Locate - Track - Report - Exploit



- ACS Mission**
- Enhanced Precision Geolocation
 - Responsiveness
 - Rapidly Deployable
 - Sensor Cross-Cue
 - Real Time Reporting
 - Reachback Capability

- Multi-Mode Capable**
- Single or multiple aircraft
 - Direct or extended tether
 - Direct aircraft to satellite relay for Split-Base
 - DCGS/Joint Interoperable
 - TUAV Interoperable

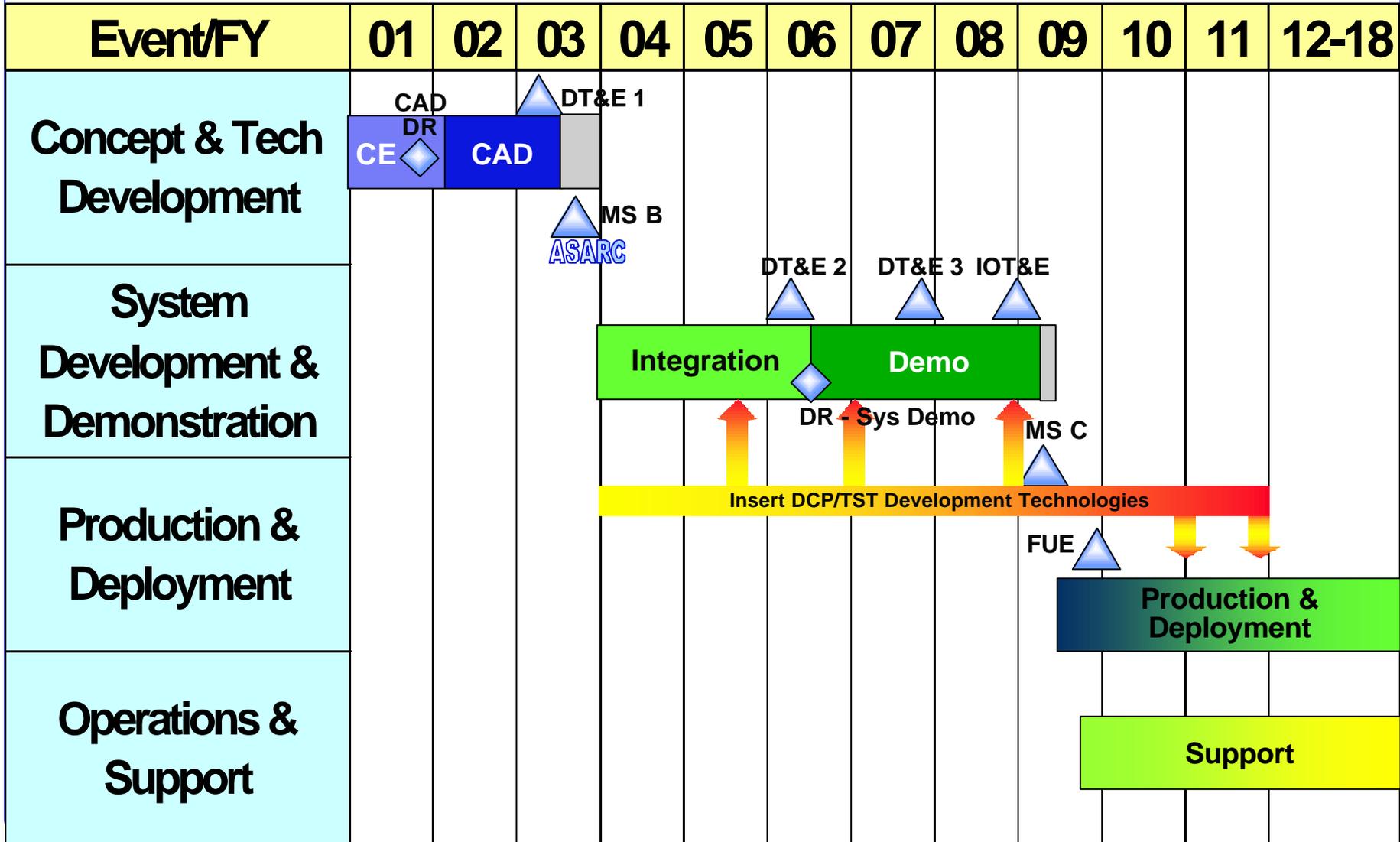
- Direct Support to Tactical User**
- Broad Area Sensor Coverage
 - Can Focus Sensors on HPT
 - Correlated Multi-INT Picture of Fixed and Moving Targets
 - Direct Dissemination
 - Retaskable in Real-time by Users
 - Extended Sensor Ranges



Aerial Common Sensor



Program Schedule





Aerial Common Sensor

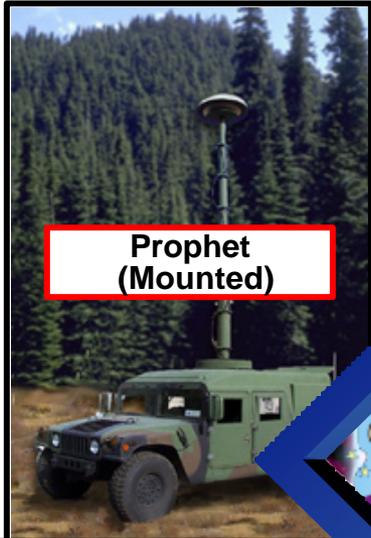


ACS Contract Opportunities

- **Objective:** Develop, Produce, and Field the Army's Objective ISR System
- **Contract Type:** CAD-CPAF, SDD-CPXF, PROD-FP
- **Estimated Value:** CAD \$35M, SDD TBD, PROD TBD
- **Solicitation Number:** DAAB07-00-LBAA
- **Technical Contact:** Charles Maraldo
732-427-5453
- **Acquisition Contact:** David Concilio
732-532-5250
- **Key Milestones:** 4Q FY03 - SDD Award



PM PROPHET



**Prophet
(Mounted)**



TUAV SIGINT



**Prophet
(Dismounted)**



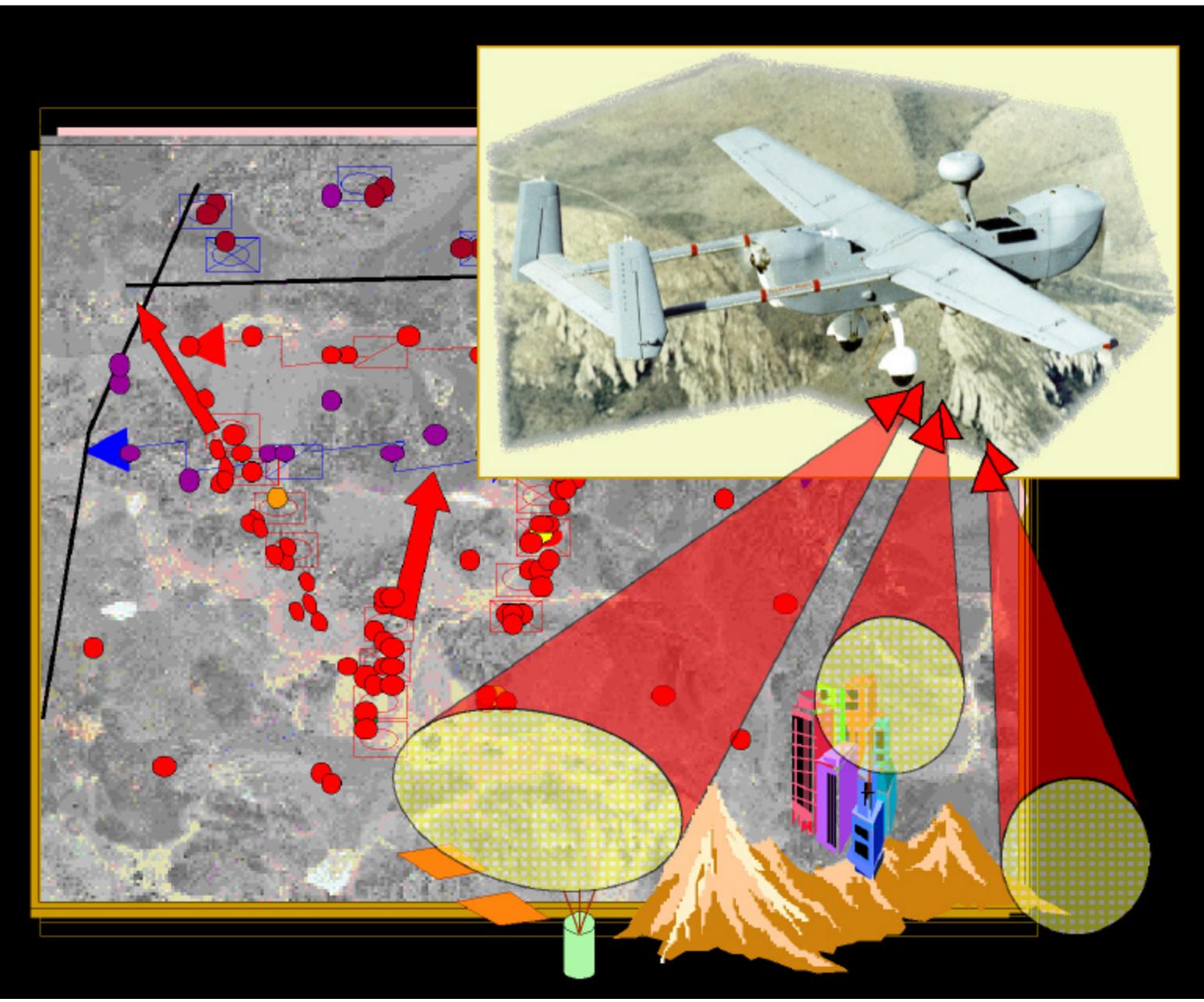
DCGS-A SIGINT & Signatures Enclaves

Prophet and DTSP will Comprise the Division's Principal Multi-Sensor Systems. They Give Division Commanders a Comprehensive Near-Real-Time Picture of the Battlespace and Provides the Ability to Detect, Identify, Locate, and Track enemy elements.



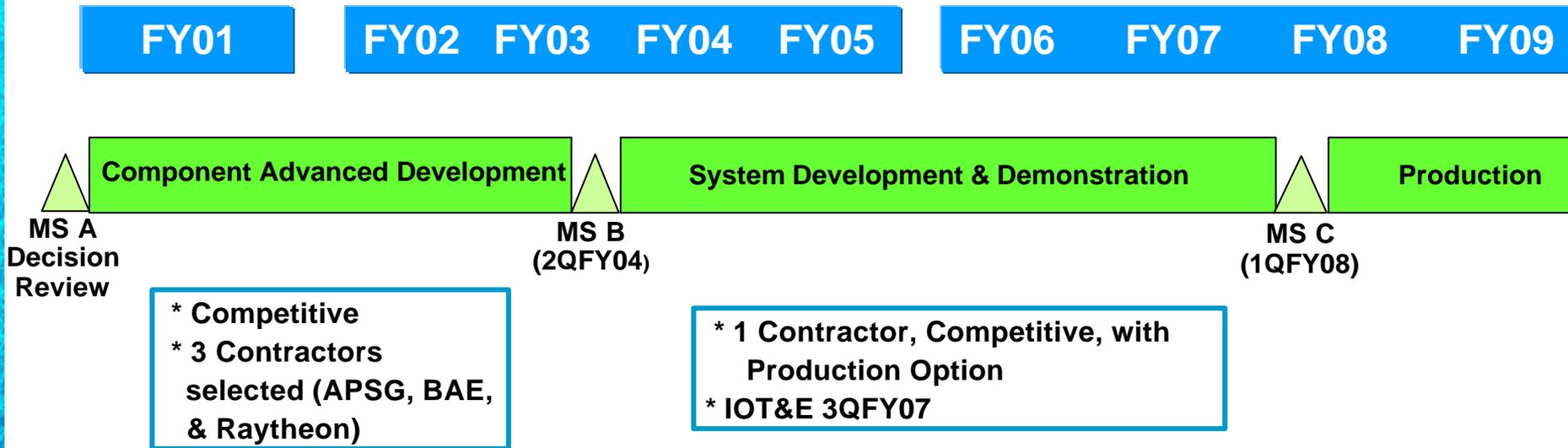


Division Tactical UAV SIGINT Payload (DTSP) System Characteristics





Division Tactical UAV SIGINT Payload (DTSP) Acquisition Strategy & Schedule





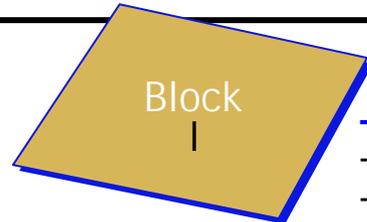
Division Tactical UAV SIGINT Payload (DTSP) Contract Opportunities

- **Objective:** Develop, Produce, and Field UAV SIGINT Payload for the U.S. Army
- **Contract Type:** CAD-CPFF, SDD-CPXF, Production-FP
- **Estimated Value:** CAD: \$3.5M With \$2M Option (Flight Test)
SDD: \$30M
Production: \$175M
- **Solicitation Numbers:** DAAB07-01-CL-538, 540, 541
- **Technical Contact:** Mr. Mark O'Neill
732-532-0361
- **Acquisition Contact:** Mr. Andrew Dellomo
732-532-3569
- **Key Milestones:** 2Q FY04 - SDD Award



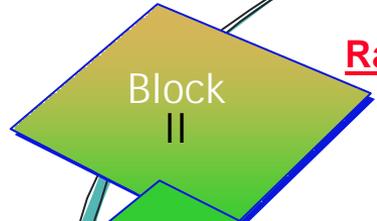


Prophet: Five Block Acquisition Strategy



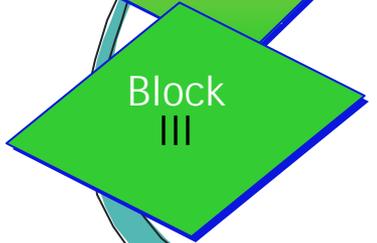
Radio Direction Finding

- MS III / Mar 01
- Production Contract / Jun 01
- Fielding completed / 1QFY05



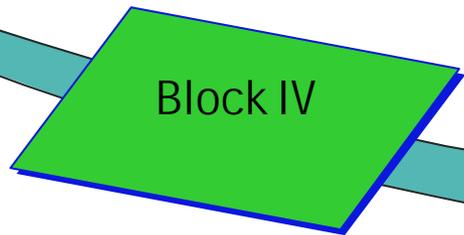
Radio Direction Finding Upgrade & Signal Jamming

- MS B / 4QFY02
- Full & Open Competition
- DT & IOT&E / 4QFY04
- MS C / 1QFY05
- Modern Signals
- Netting
- NLOS Comms



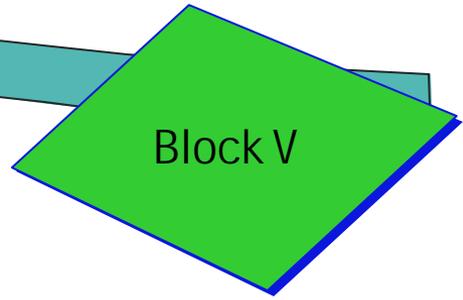
Micro-sensors and Robotics (OBJECTIVE)

- TBD with ORD Update due JUL 02



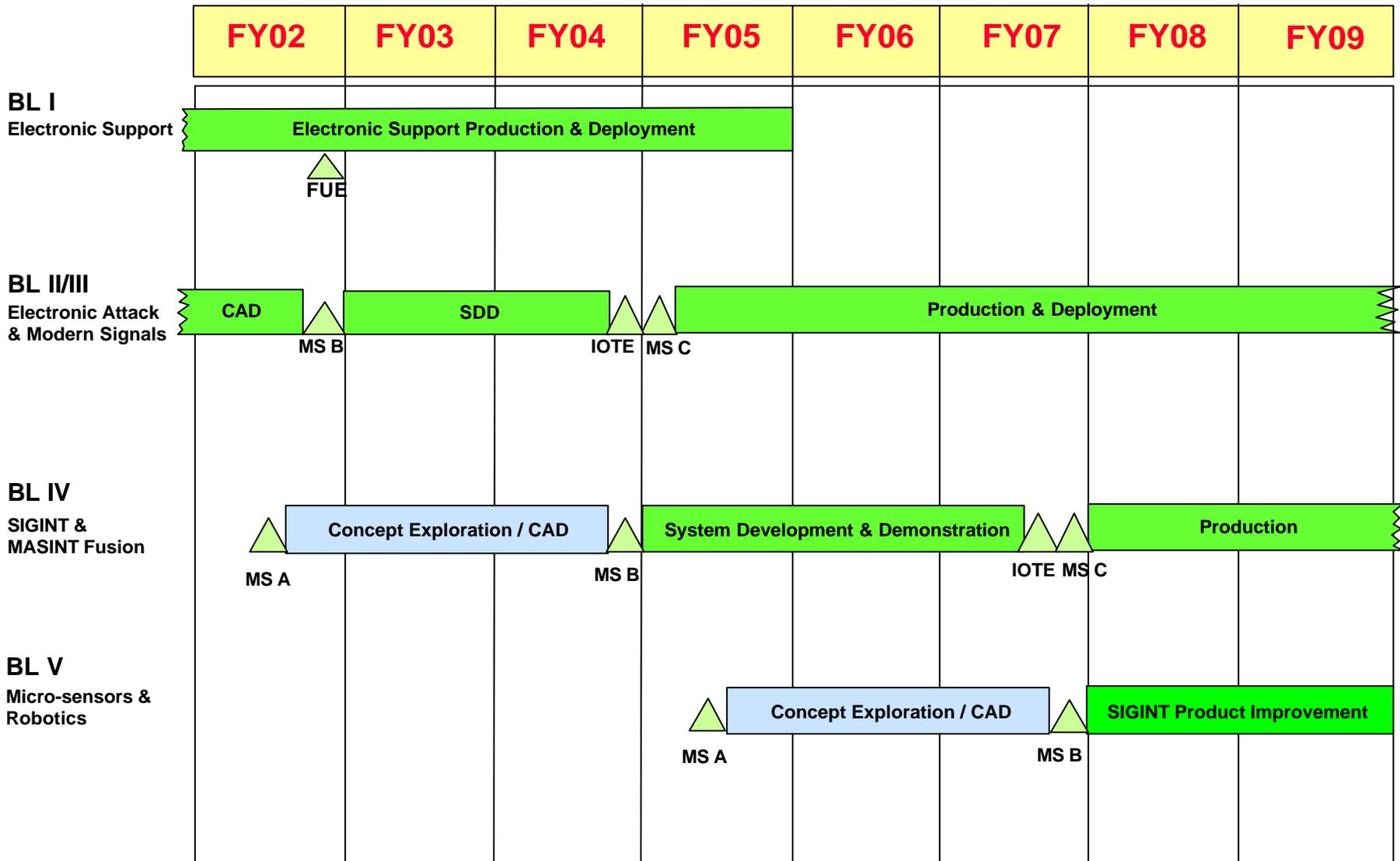
Multi-functional Sensor Platform

- MS A / 3QFY02
- MB B / 4QFY04
- MASINT, Ground Surveillance
- Attended & Unattended
- Fully Integrated
- Improved EA & SIGINT





Prophet Scheduling





Prophet Block II/III Contract Opportunities

• Objective:	Develop, Produce, and Field the Army's Objective Ground Based Tactical SIGINT System
• Contract Type:	SDD-CPIF/PROD-FP
• Estimated Value:	SDD: \$20M Production: \$165M
• Solicitation Number:	DAAB07-02-RL-456
• Technical Contact:	Mr. Dan Tartaglia 732-427-1959
• Acquisition Contact:	Mr. Andrew Dellomo 732-532-3569
• Key Milestones:	1Q FY03 - SDD Award





Prophet Block IV Contract Opportunities

• Objective:	Develop, Produce, and Field a SIGINT/MASINT System for the U.S. Army
• Contract Type:	DEV-CPXF/PROD-FP
• Estimated Value:	\$24M/\$41M
• Solicitation Number:	TBD
• Technical Contact:	Mr. Jim Maziarz 732-427-1981
• Acquisition Contact:	Mr. Andrew Dellomo 732-532-3569
• Key Milestones:	1Q FY05 - SDD Award





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