



# JPM GUARDIAN

7-8 September 2011

Integrated Base Defense (IBD)

Trail Boss

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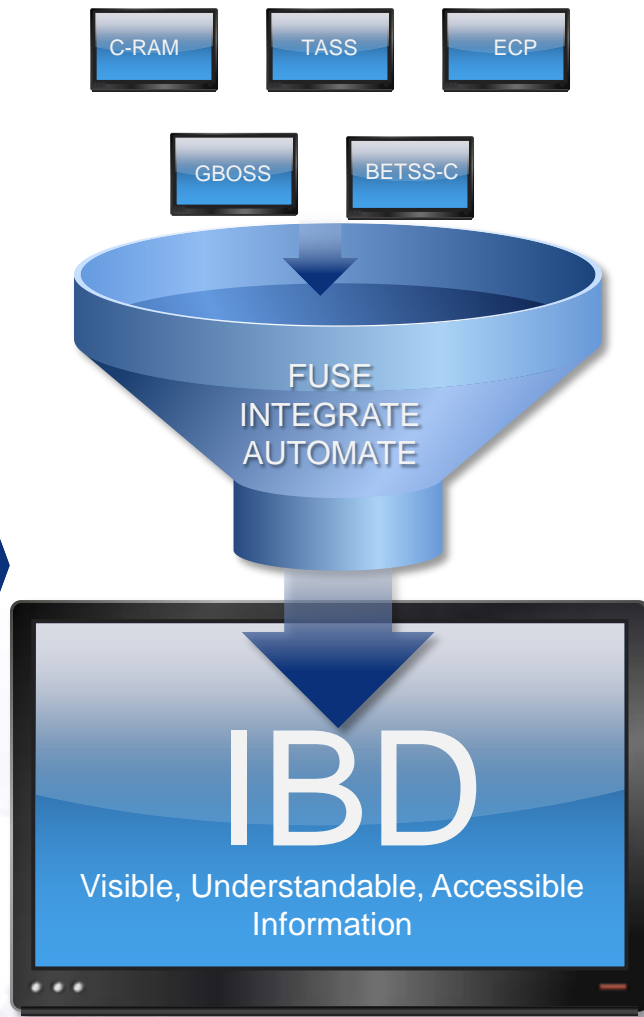
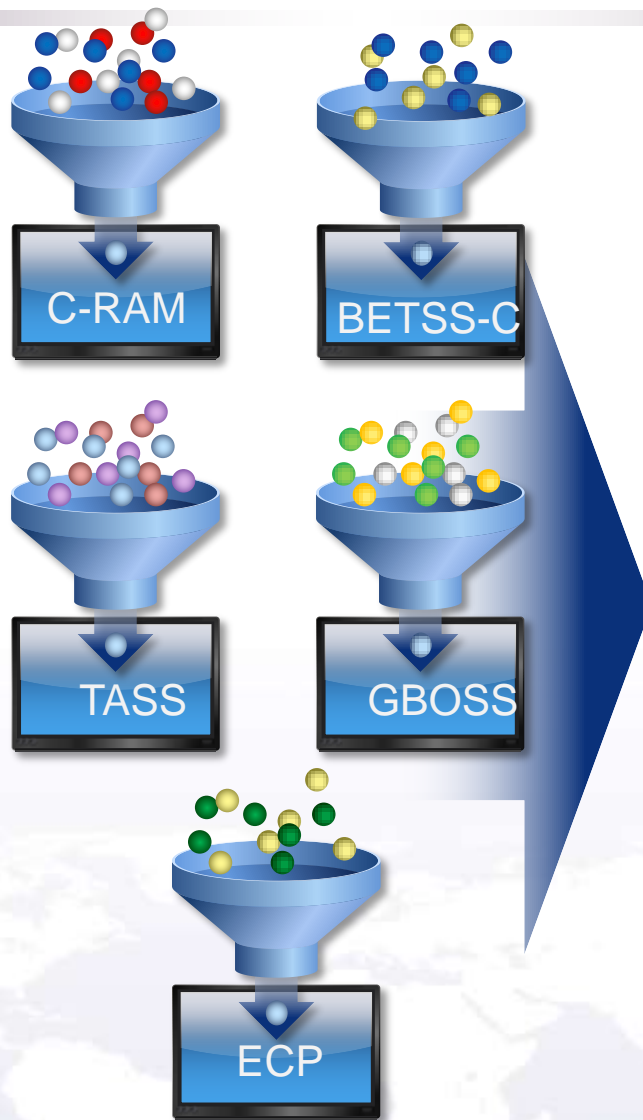
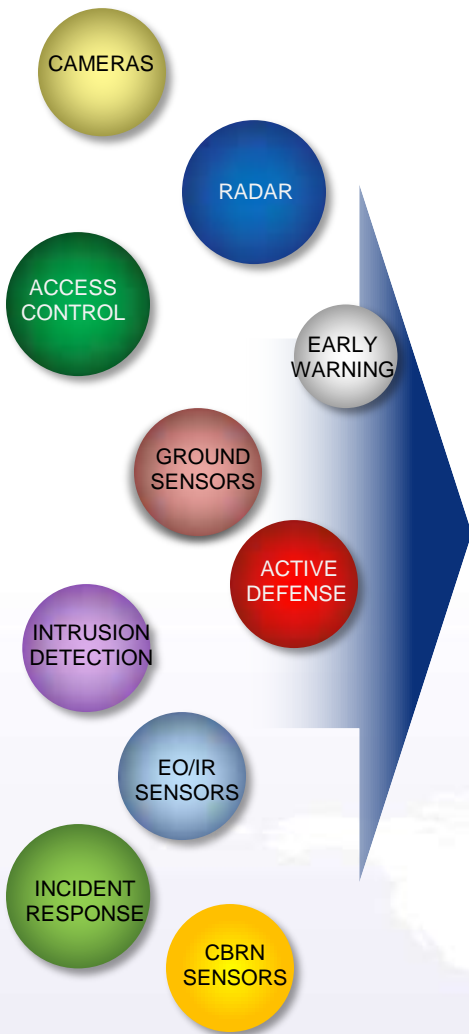
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# Integrated Base Defense Overview

- Integrated Base Defense is an overarching concept of Force Protection that encompasses an Enterprise Architecture that is scalable between Fixed Site, Semi-Fixed / Expeditionary, and Mobile (deployable Force Protection) leading to improved Information Management, Fusion, Automation and Integration.



# Integrated Base Defense (IBD)



Stand Alone Sensors

Stand Alone Systems

Integrated Systems



# Integrated Base Defense Capabilities / Challenges



## Capabilities:

- The Guardian I-IBD technical solution and “Road Map” fulfills the CENTCOM interoperability requirements gap for base defense systems in the near term
- The Guardian I-IBD Increment 2 solution is the most efficient approach until all systems have an Authority to Operate (ATO) for International Security Assistance Force (ISAF) Secure Network

## Challenges:

- Currently JPM Guardian is working the following approved Joint Urgent Operational Needs (JUONs) for IBD Execution:
  - Interim Integrated Base Defense (I-IBD) Increment 2
  - Entry Control Point (ECP) / Non-Intrusive Inspection System (NII)
  - Rapid Reaction Tunneling Detection (R2TD)
- JPM Guardian is working the following Emerging Operational Requirements:
  - Combat Outpost Surveillance Force Protection System (COSFPS (KRAKEN))
  - Force Protection (FP) Integration



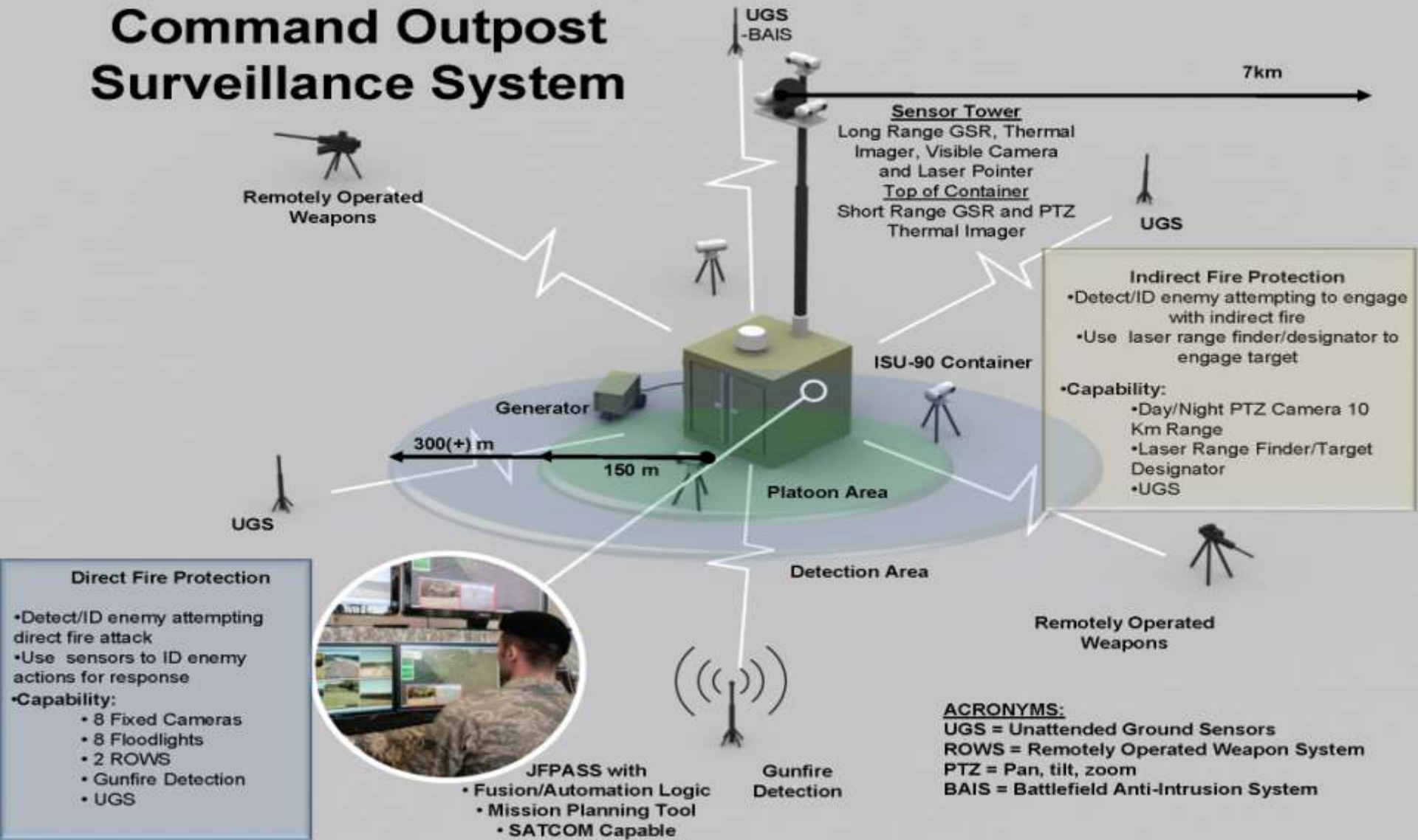


# DEPLOYABLE FORCE PROTECTION



# Command Outpost Surveillance Force Protection System (COSFPS)

## Command Outpost Surveillance System



# COSFPS (KRAKEN)

**Description:** A Rapid Equipping Force (REF) initiative that provides mast-mounted long range monitoring capabilities for multiple combat outpost missions:

- Direct Fire Mission: Detect enemy attempting a direct fire attack and provide automated detection, identification and response
- Long-Range Threat Mission: Detect and identify an enemy attempting to engage with long-range fires and use radar and/or laser designator to get rounds on target

**Requirement:**

- Systems needed to support surge effort.
- Threat to Forward Operating Bases (FOBs) and COPs during drawdown

**Execution Strategy:**

- Three systems projected to be fielded into AOR not later than 1QFY12
- One system will remain in CONUS to support Network Integration Exercise / Network Integration Rehearsal (NIE/NIR) experimentation in Oct 11
- Working on near/long term improvements/enhancements to the COSFPS
- Working with REF and Theater to obtain funding for additional systems

