



# Medical Situational Awareness in the Theater

FY05 ACTD  
Candidate

- **Problem:** Lack of timely actionable health information for operational decision-making in theater is a contributing factor to preventable illnesses, injuries, and deaths that occur on and off the battlefield. The focus/goal is to provide timely fused information that is actionable for the field commanders.
- **Objectives:** Fuse medical and health treat intelligence environmental sampling and sensing data, operational incident reports, safety reports, unit location, wounding, DNBI, medical treatment information, and personnel assignment data to provide medical situational awareness to Joint Force commanders and for health care analysis and policy and doctrine development.

## Technologies

- Front-end connectivities and data capture technologies from sensor and software applications
- Adaptable commo. consistent with DoD platforms, and enterprise architecture
- Fusion technology to establish relational database(s) within a reliable, retrievable data repository
- Artificial intelligence decision support tools using to turn medical data into actionable knowledge

## Residuals

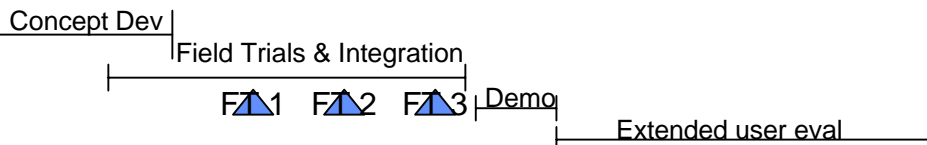
- Sustainment funding ensures operational capability remains
- Continued refinements of Medical Situational Awareness System
- Continue to populate DoD Health Surveillance Repository

## Participants

- **CoCom Sponsor: USPACOM**
- **Lead Agency: Deployment Health Spt Dir**
- **Tech Mgr: USAMRMC, Lead PI: NHRC**

## Schedule

FY 05	FY 06	FY 07	FY 08	FY 09
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## Comments

- **ACTD initiated by OASD Health Affairs (DASD/FHP&R)**
- **Directly addresses the lack of health information fusion within DoD**

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