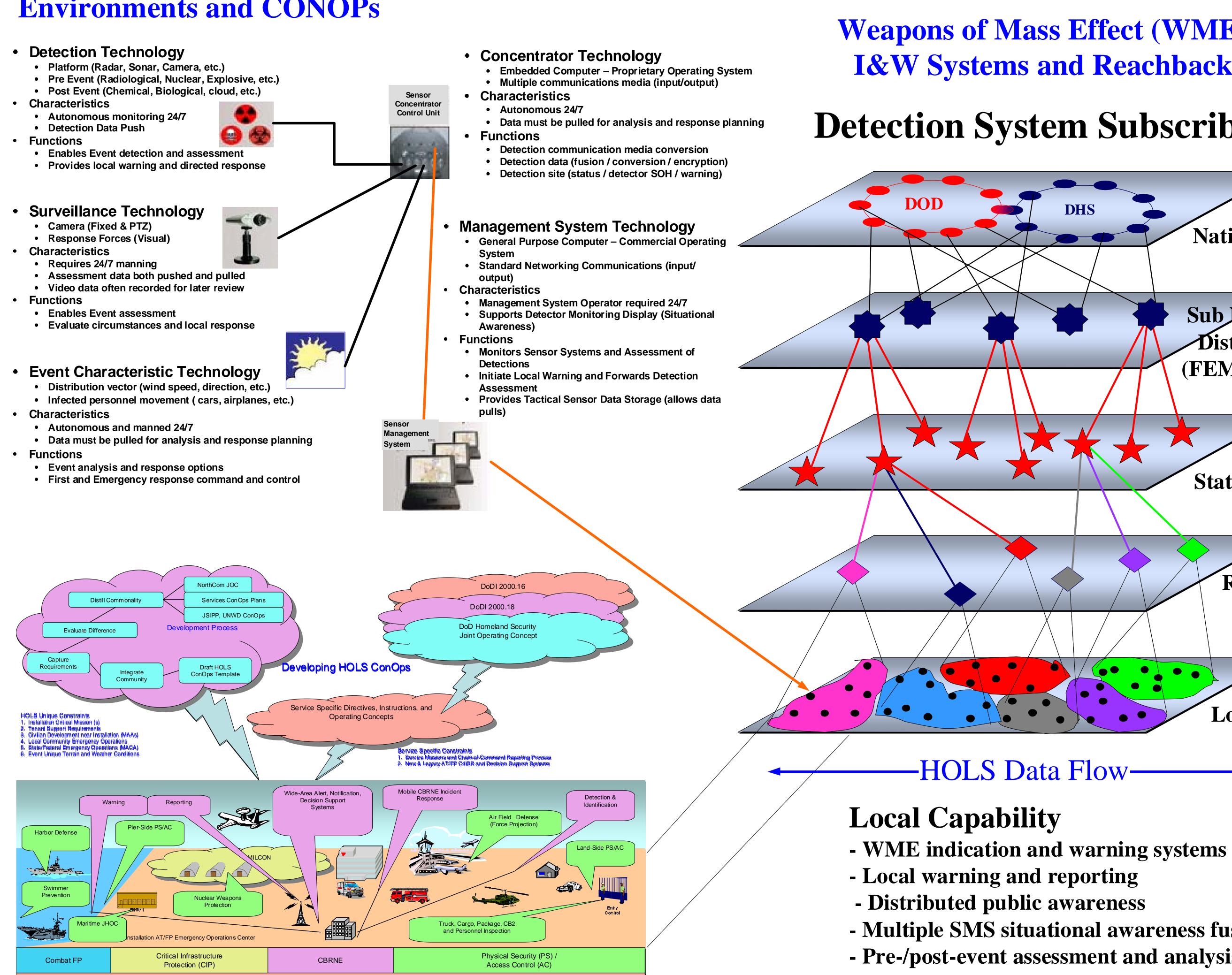
Sensor Integration using OASIS Common Alerting Protocol (CAP) Messaging

Objective: Provide sensor tailored CAP messages to local/national Indication and Warning (I&W) Systems

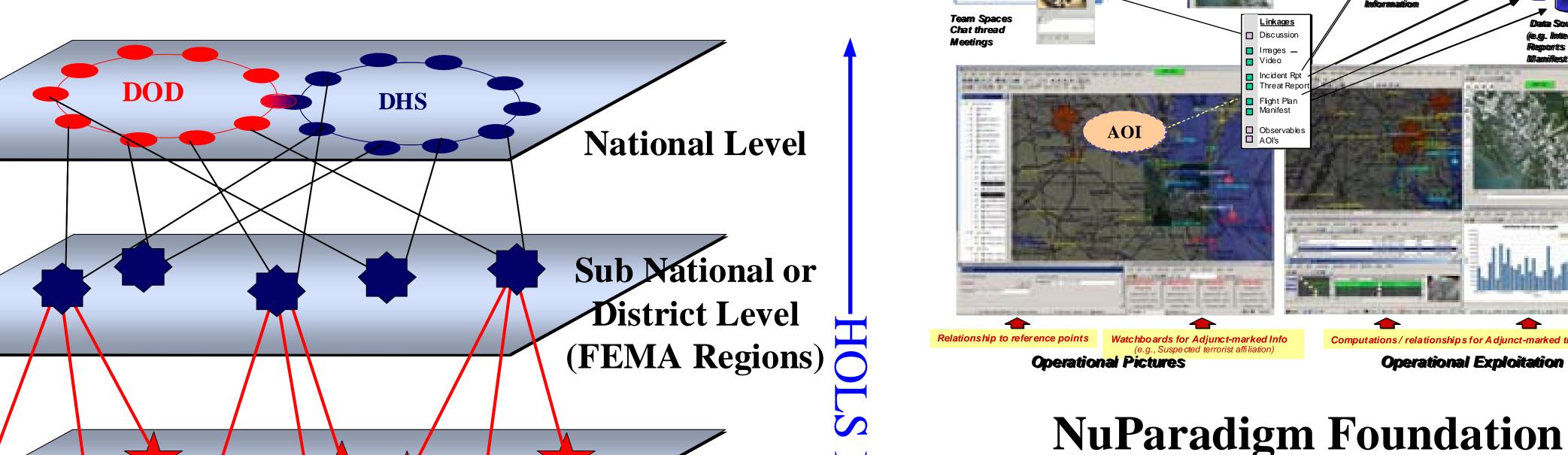
Background: The Organization for the Advancement of Structured Information Standards (OASIS) Common Alerting Protocol (CAP) is already in use by numerous Warning and Reporting systems. Integration of Detection, Surveillance, and Event Characteristic Sensors would provide significant capabilities for Indications and Warning (I &W) systems supporting the War on Terrorism

CBRNE Detection Systems Environments and CONOPs

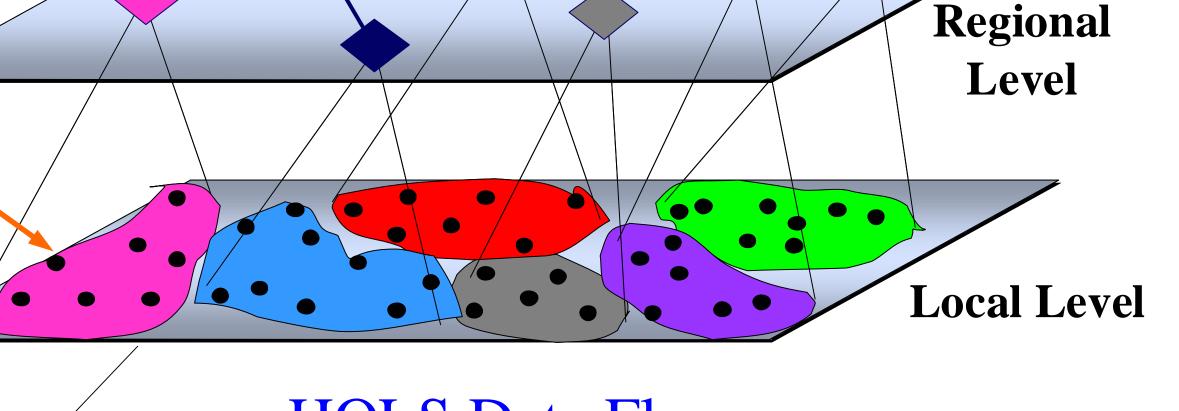


Weapons of Mass Effect (WME) **I&W Systems and Reachback**

Detection System Subscribers



State Level



- Multiple SMS situational awareness fusion
- Pre-/post-event assessment and analysis

APPLIED INNOVATION INC.

Participants:









Alert

Multiple

Info

Multiple

Area



HLS C2 ACTD On-Line Services

Information System Components

AOI

HOLS Integrated Service Vision

Message Delivery Agent Rules

CAP Alert Message Structure

Document Object Model

→Multiple-

Reachback Data

CARLO

Operational Exploitation

- B











Resource



- Homeland Security Command and Control Advance Concept Technology Demonstration (HLS C2 ACTD) On-Line Services (HOLS)

DoD HLS C2 ACTD Pilot Projects / ConOps (Guardian (Joint), IBDSS (Air Force) etc.)

- Joint Program Manager - Guardian (JPM - G)



