Control of Agent Based Systems
Key Transitions

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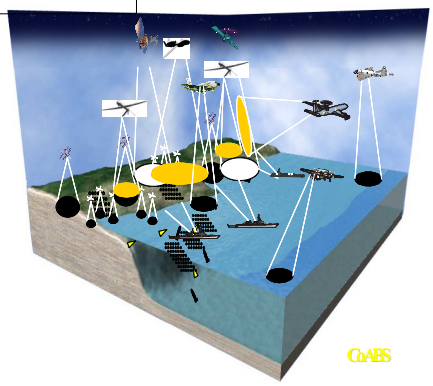
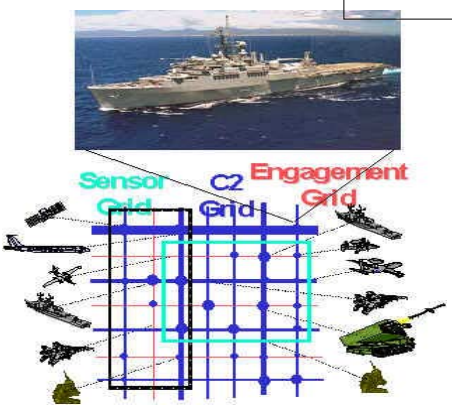
Program Manager

ESG



- **Navy Warfare Development Command Expeditionary Sensor Grid (ESG)**
  - **—FY 01, In the lab (SPAWAR Systems Center Info Ops Center of Future), Expeditionary Sensor Grid (ESG) Enabling Experiments (EEE) –Experiment highly successful focusing on interoperability and scalability**
  - **—FY 02 experiment in distributed sensor laboratory further stresses CoABS Grid in operational setting and uses higher level agents and fusion functions**

FBE's

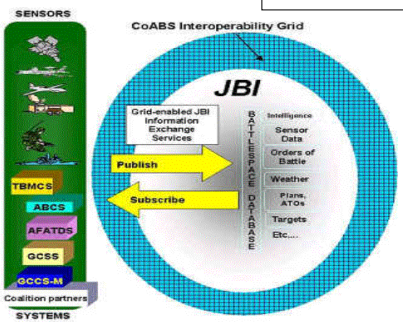


- **Navy Warfare Development Command Fleet Battle Experiments (FBE's)**
  - **—In conjunction with Lockheed Martin Advanced Technology Laboratory Grid-based Extendable Mobile Agent Architecture (EMAA) and Cooperative Agents for Specific Tasks (CAST) capabilities for Fires Support Missions.**
  - **—For FY 02 FBE Juliet deploying Grid agents in support of ???**

AATD

- **Air Army Aviation Applied Technology Directorate (AATD)**
  - **—Leverage Lockheed Martin Advanced Technology Laboratory Grid-based Extendable Mobile Agent Architecture (EMAA) for Airborne Manned/Unmanned Systems Teaming - Demonstration (AMUST-D) STO program for the Army Hunter Standoff Killer Team (HSKT) ACTD. Delivery to Korea planned FY '06.**
  - **—FY '02 ACT II won by ISX/ATL to perform dynamic team member registration using Grid in tactical environment**

JBI & EBO



- **Air Force Research Lab, Rome, NY**
  - **—Joint Battlespace Infosphere (yJBI implementation/fuselet project - AFRL developing Publish and Subscribe on Grid infrastructure**
  - **—Effects Based Operations ATD (Grid Pub Sub used as architectural alternative) Proof of Principle Demonstrated in FY 01. In FY 02 add additional "clients" such as Fusion, strategy development tool in a common challenge problem - Operation DENY Force.**