



COORDINATING COMPETING PRIORITIES

Security, Health and Safety

Excellence at Risk

- Radiological Accident Response
 - Clear objectives, recognized priorities, carefully planned
 - Everyone involved familiar with roles and plans
 - Executes smoothly just as exercised
- Law Enforcement/Security Response
 - Similar level of planning, perhaps greater proficiency
 - Different objectives and priorities, but still clear and familiar
 - Executes smoothly (experience and well exercised)
- Normally don't work together
- What-if? Dirty Bomb or NPP Threat

Response at Risk

- Lack of coordination and cooperation costly
 - Delay victim rescue and treatment
 - Risk responder's health and safety
 - Jeopardize reactor stabilization or control
 - Fail to adequately secure situation
 - Compromise evidence gathering
 - Delay public health and safety decisions
 - Obstruct time-critical activities
- Common Goal – Protect and Recover

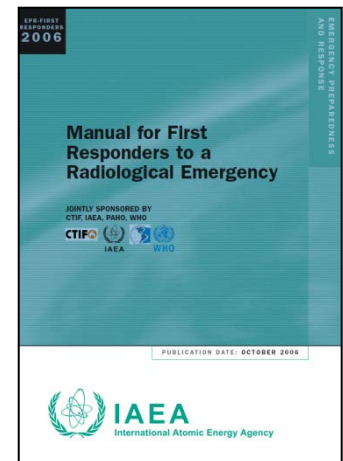
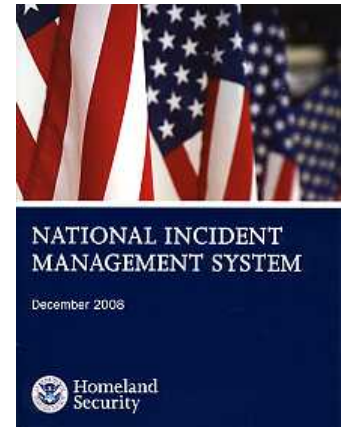
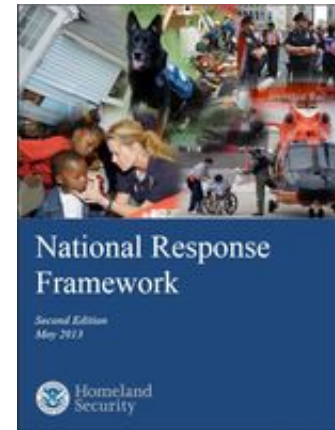
Solution – Cooperation & Coordination Unified Command



- Recognize all stakeholders and interdependencies
- Provide for joint prioritization and decision making
- Maintain situational awareness of activity and intents of all responders, not just own
- Accommodate, if not support, operations of others

US Approach

- **National Response Framework**
- **National Incident Management System**
- Built on generalized and extended concept of Incident Command System
- Strong similarities to IAEA approach
“Manual for First Responders to a Radiological Emergency, (EPR First Responders, 2006)”
- Features
 - Unity of effort through unified command
 - Exploits partnership of whole community



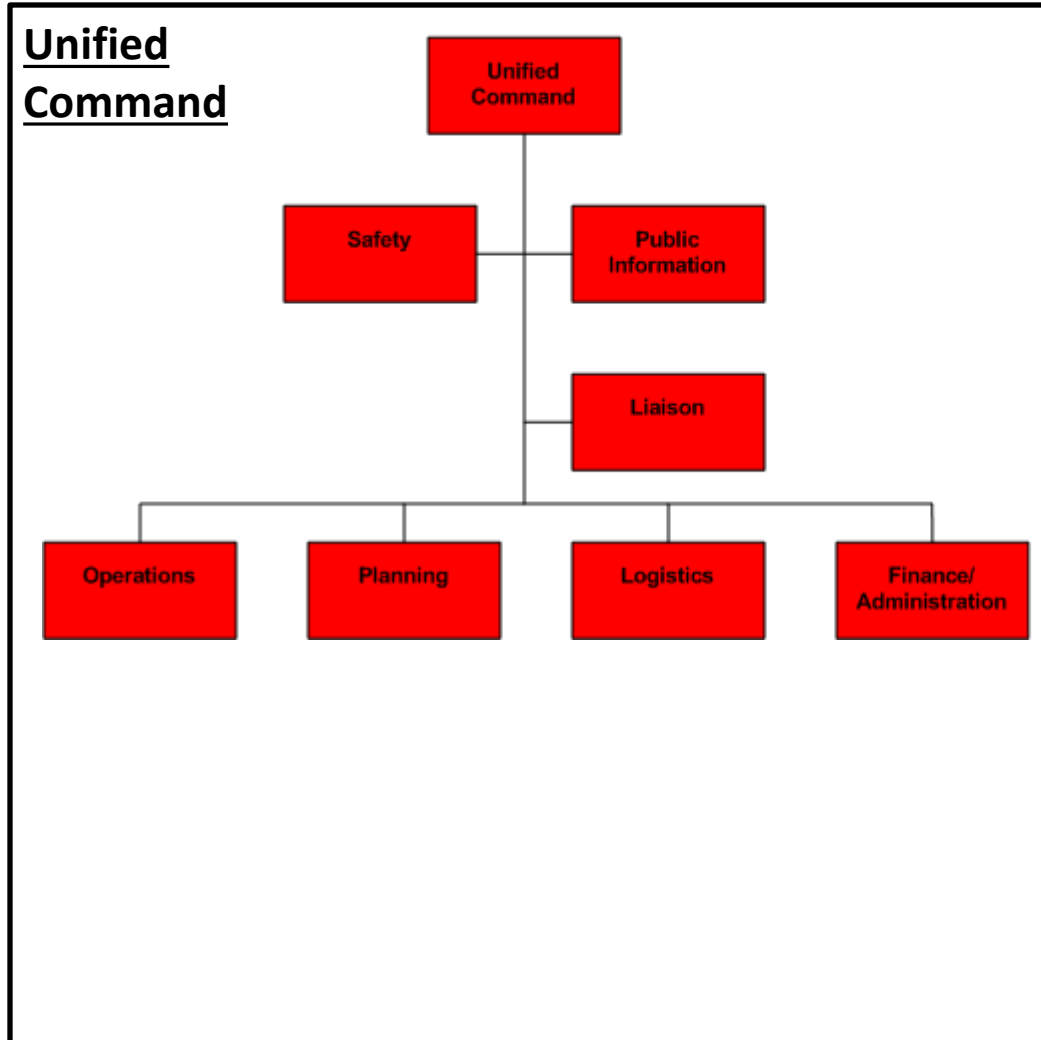
Nuclear/Radiological Incident Annex

- Augmented by operational and incident-specific annexes
 - Nuclear/Radiological Incident Annex
 - Terrorism Incident Law Enforcement and Investigation Annex
- NRIA assigns Coordinating Agency based on scenario
- All radiological expertise join as FRMAC

Federal Radiological Monitoring and Assessment Center

- Single organization to monitor and assess
- Primary function to support state and coordinating agency
- Operates on unified Monitoring & Assessment Plan
- Adapts structure to integrate with ICS at multiple levels

Unified Command



Joint Field Office

State EOC

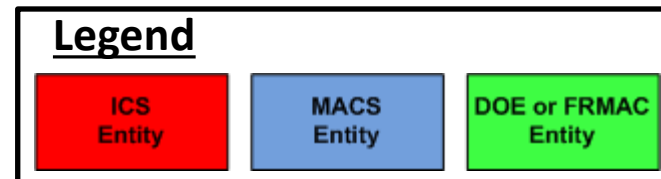
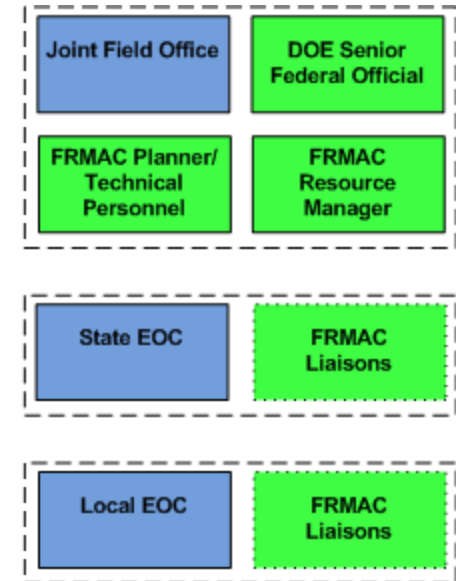
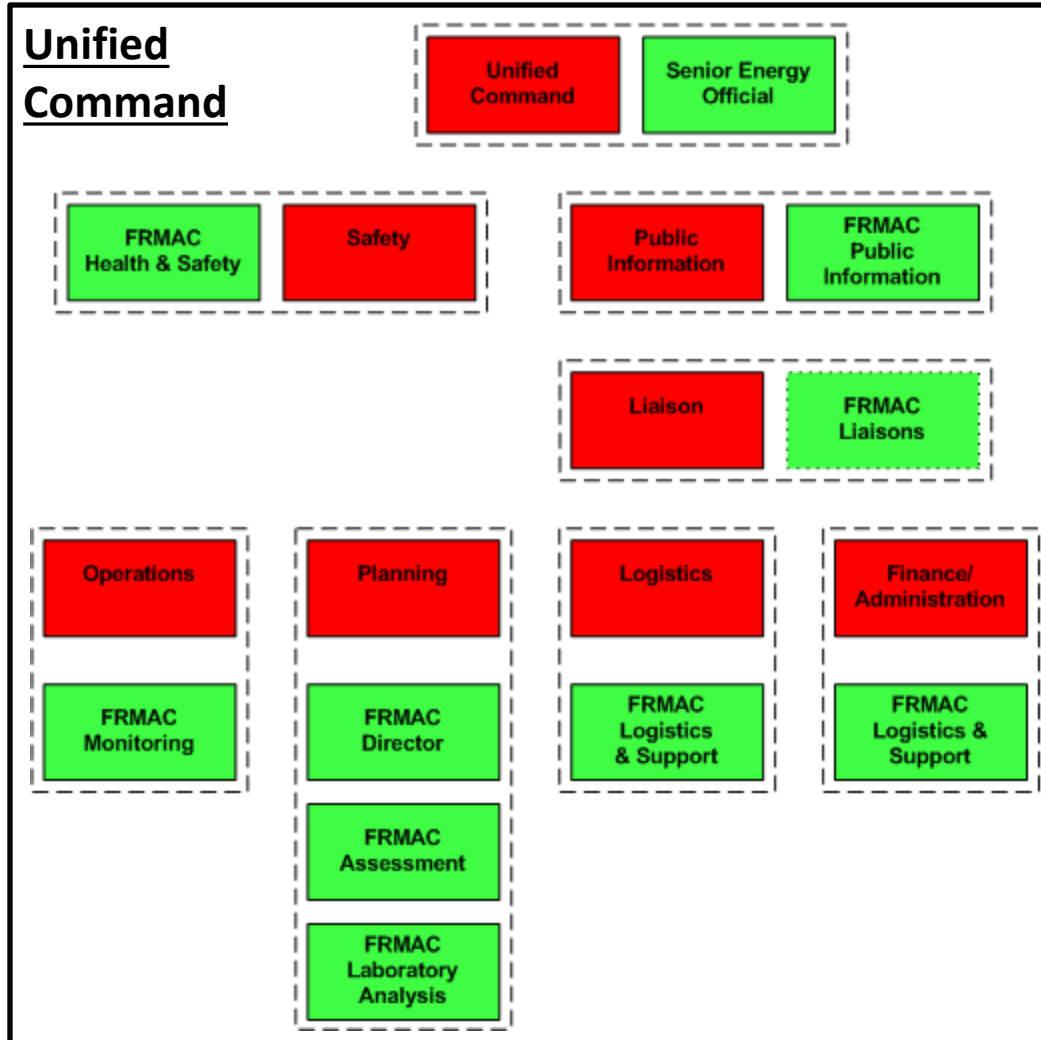
Local EOC

Legend

ICS
Entity

MACS
Entity

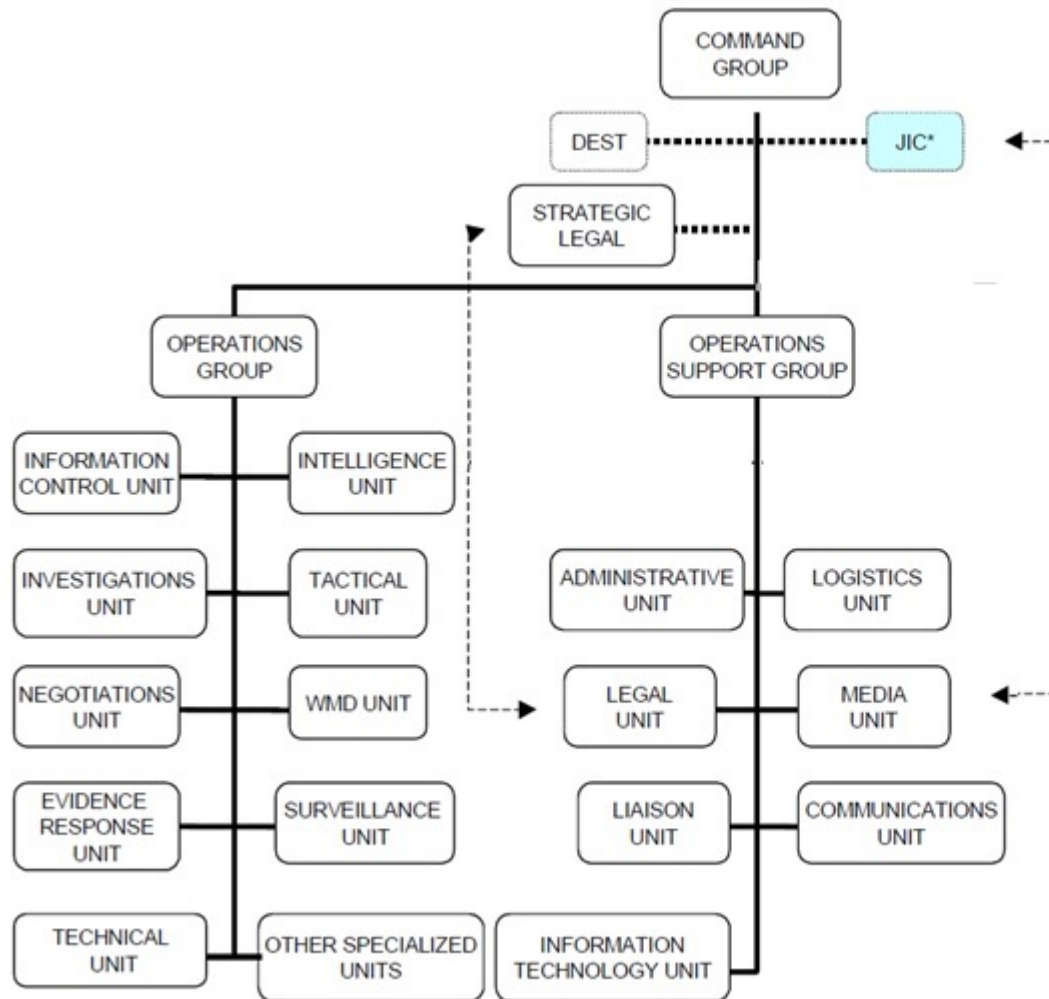
Unified Command with FRMAC



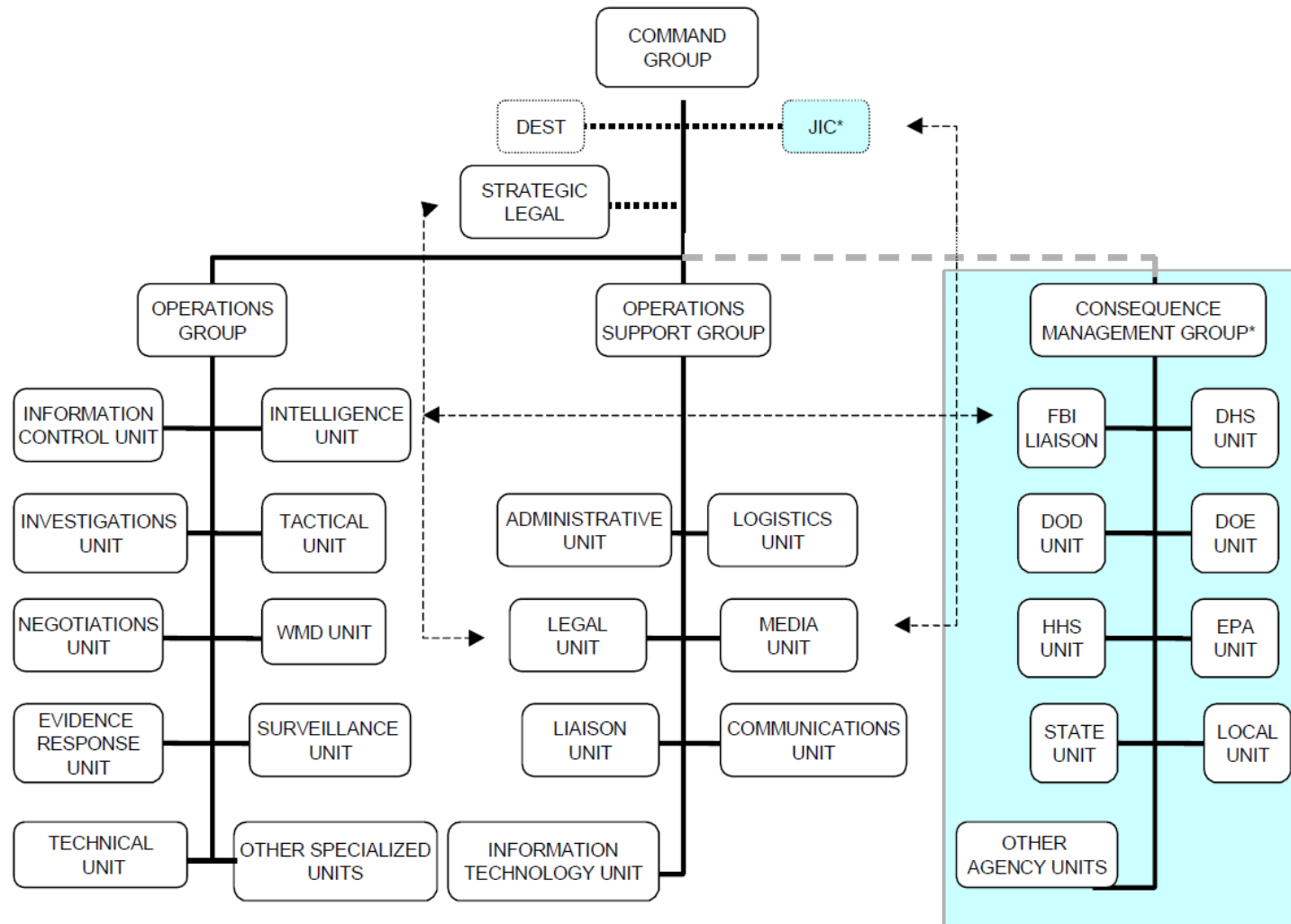
Terrorism Incident Law Enforcement and Investigation Annex

- Terrorism/LE event has different structure, Coordinating Agency is always FBI
- Designed for streamlined investigation or intervention, act of terrorism or crime
- Terrorism Annex anticipates a technical disaster, not just bomb or shooters
 - Chemical
 - Biological
 - Nuclear or Radiological

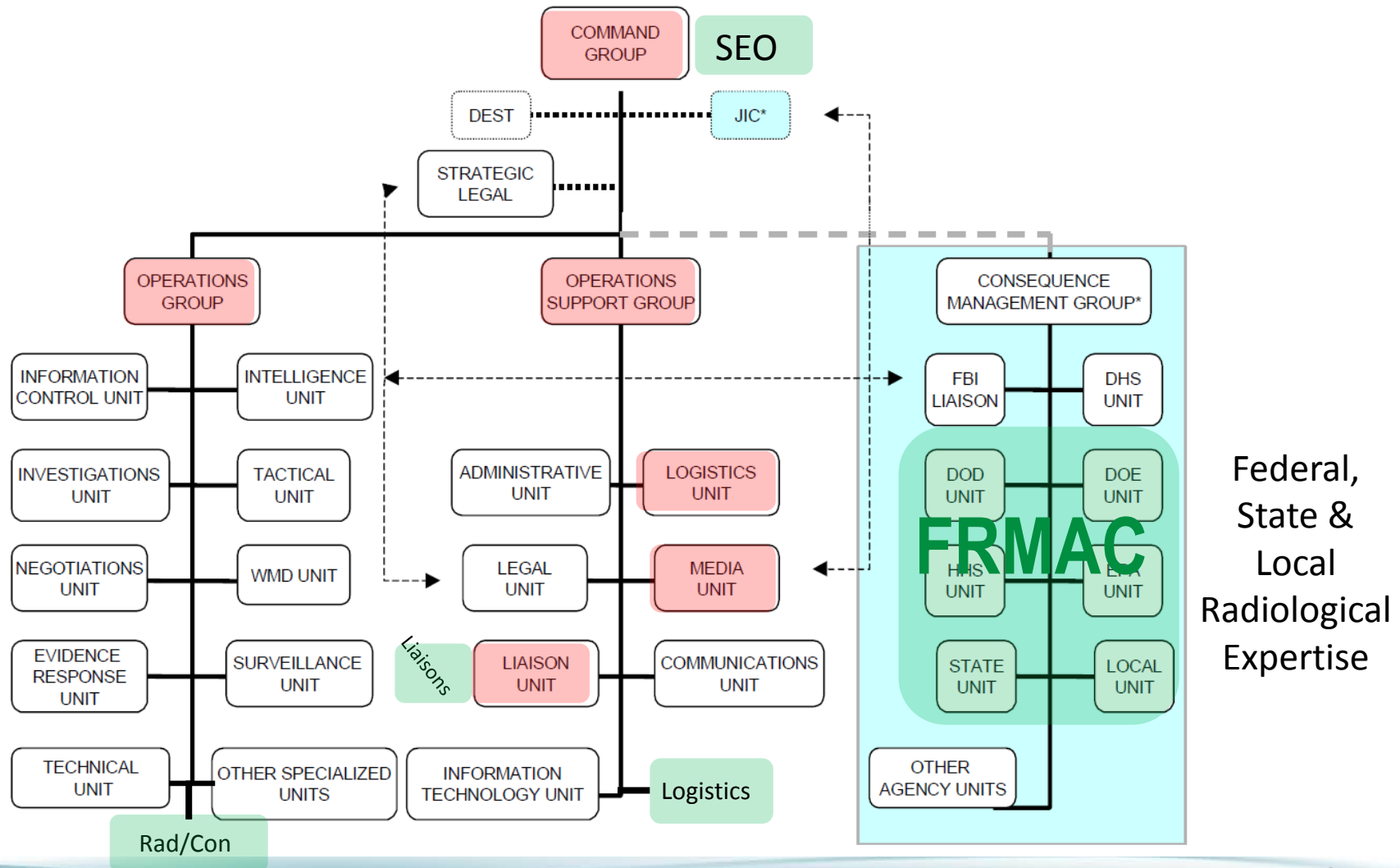
Terrorism Annex – LE Only



Terrorism Annex – Technical Disaster



Terrorism Annex – Nuc/Rad Disaster



Transition to Dual Threat

- May start as just single threat
- At what point should security threat lead to preparation for a possible radiological event?
 - Obvious if consequences are prompt
 - Not so clear if no consequences yet
- Consider hostile intrusion at NPP
 - Criteria being established
 - Must assume the worst before it happens
 - Testing in Hostile Action Based TTX exercises at NPPs