Explosive Ordnance Disposal Symposium
Exploitation of Improvised Weapon Systems

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Weapons Technical Intelligence (WTI) Panel

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- Unit Chief, Evidence Management Unit, Terrorist Explosive Device Analytical Center, FBI

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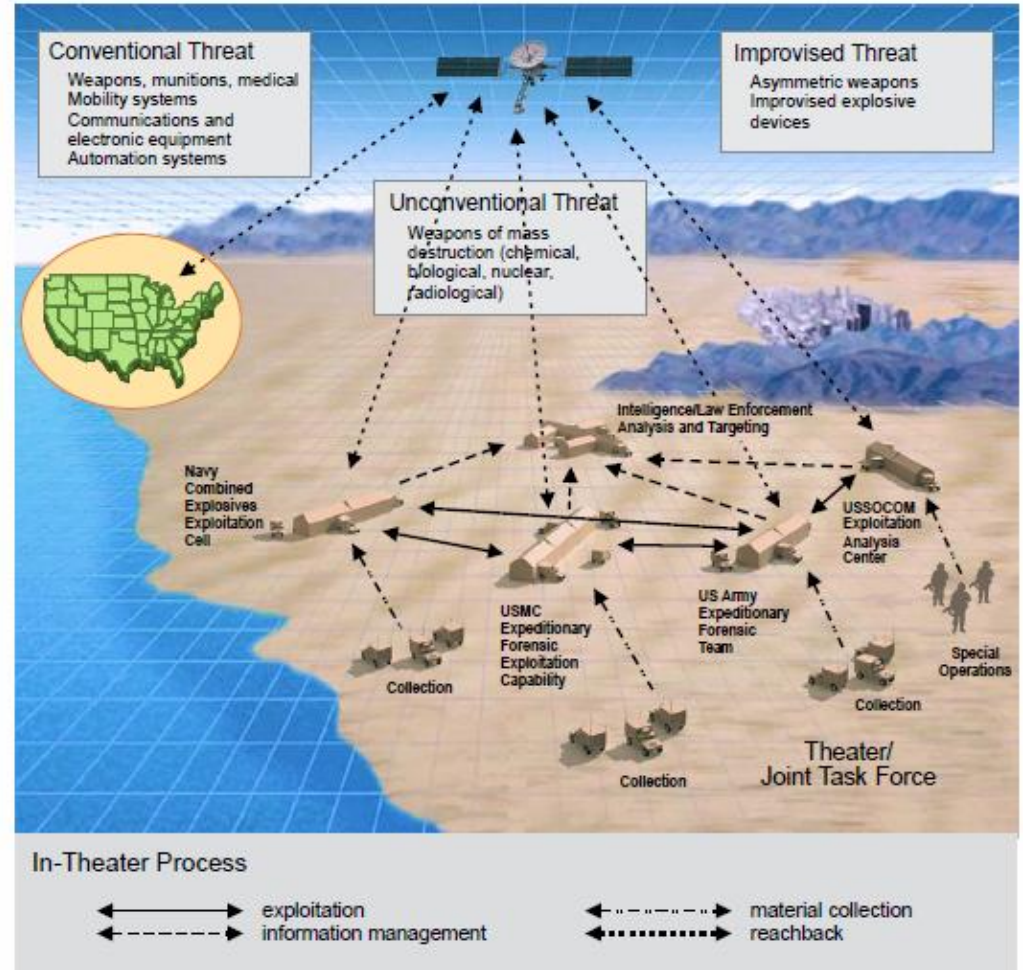
Military Exploitation Architecture

Exploitation is accomplished through a combination of forward deployed and reach back resources to support commander's operational requirements

Exploitation Supports:
- Targeting
- Force Protection
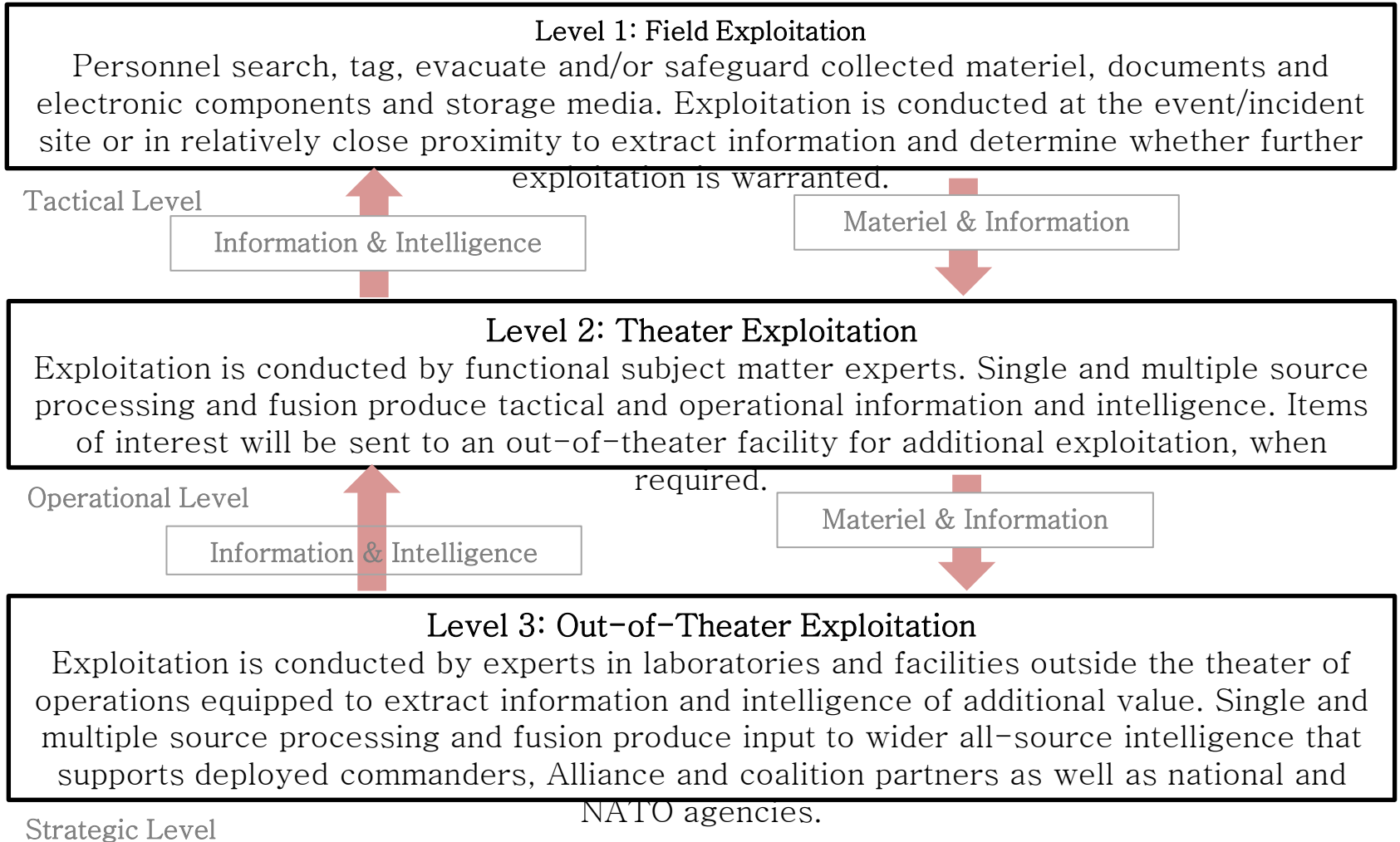- Prosecution
- Material and component Resourcing

Improvised Threat Exploitation Activities
(Documents, Weapons, Explosives, Electronic Components, etc.)

Level 1: Field Exploitation
Personnel search, tag, evacuate and/or safeguard collected materiel, documents and electronic components and storage media. Exploitation is conducted at the event/incident site or in relatively close proximity to extract information and determine whether further exploitation is warranted.

Tactical Level

Information & Intelligence

Materiel & Information

Level 2: Theater Exploitation
Exploitation is conducted by functional subject matter experts. Single and multiple source processing and fusion produce tactical and operational information and intelligence. Items of interest will be sent to an out-of-theater facility for additional exploitation, when required.

Operational Level

Information & Intelligence

Materiel & Information

Level 3: Out-of-Theater Exploitation
Exploitation is conducted by experts in laboratories and facilities outside the theater of operations equipped to extract information and intelligence of additional value. Single and multiple source processing and fusion produce input to wider all-source intelligence that supports deployed commanders, Alliance and coalition partners as well as national and NATO agencies.

Strategic Level

Exploitation Coordination and Integration

- Standardize terminology and reporting
    - IED Lexicon/UAS Lexicon
    - WTI Handbook
    - Exploitation reporting synchronization

- Sharing of Exploitation information between services, Interagency, partner nations, industry, etc…

- Codified Exploitation Enterprise Framework
    - Standardized process flow and material flow

- Scalable Capabilities including Reach-Back Analytical Support

> *"Facilitate the Coordination and Synchronization of Exploitation"*

Final Thoughts

- To be effective and responsive, exploitation requires a coordinated and synchronized comprehensive approach among all exploitation stakeholders…military, industry, academia, international partners and the whole-of-government

- During joint operations, exploitation capabilities should be task organized to form a tailored support package that satisfies a commander's forward deployed technical, forensic, and scientific intelligence and information requirements

- Exploitation supports the information needs of commanders, national policy and other strategic decision makers