



Attack the Network – Defeat the Device – Train the Force

Center for Strategic and International Studies

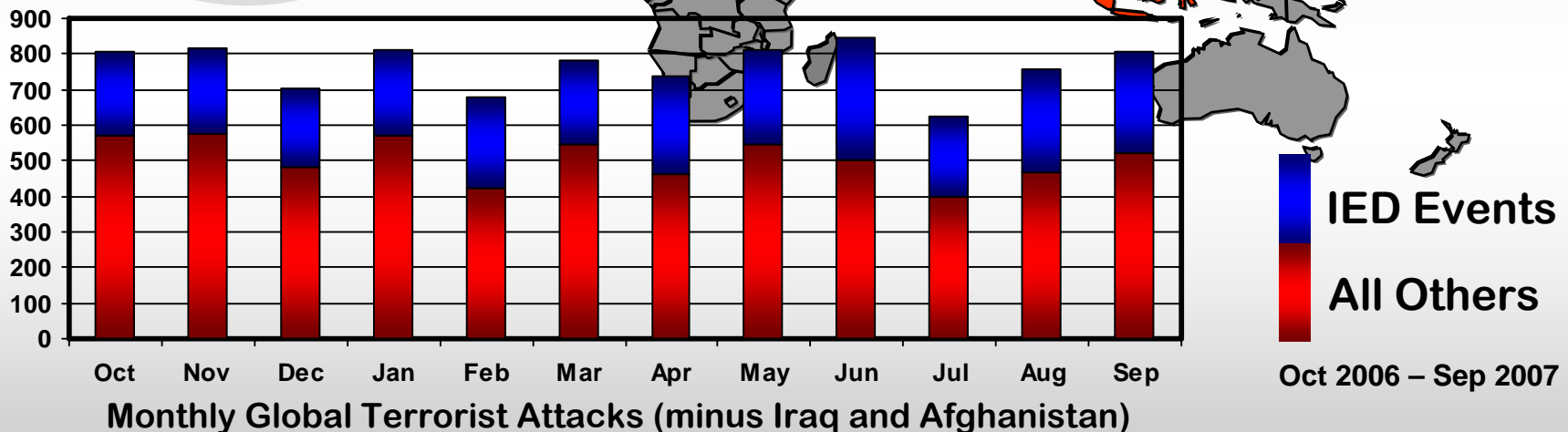
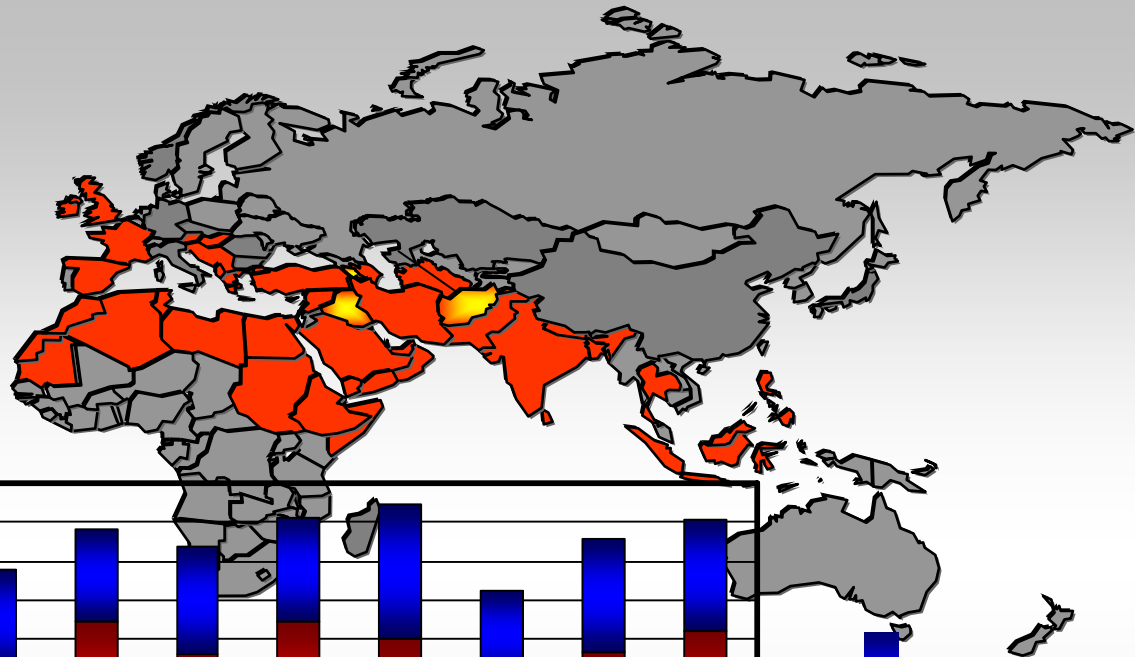
Symposium on Improvised Explosive Devices in the United States



Global IED Threat

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State and non-state actors train, practice, and employ IEDs worldwide



IED attacks outside of Iraq and Afghanistan number between 200 and 300 per month



Number One Threat to Troops

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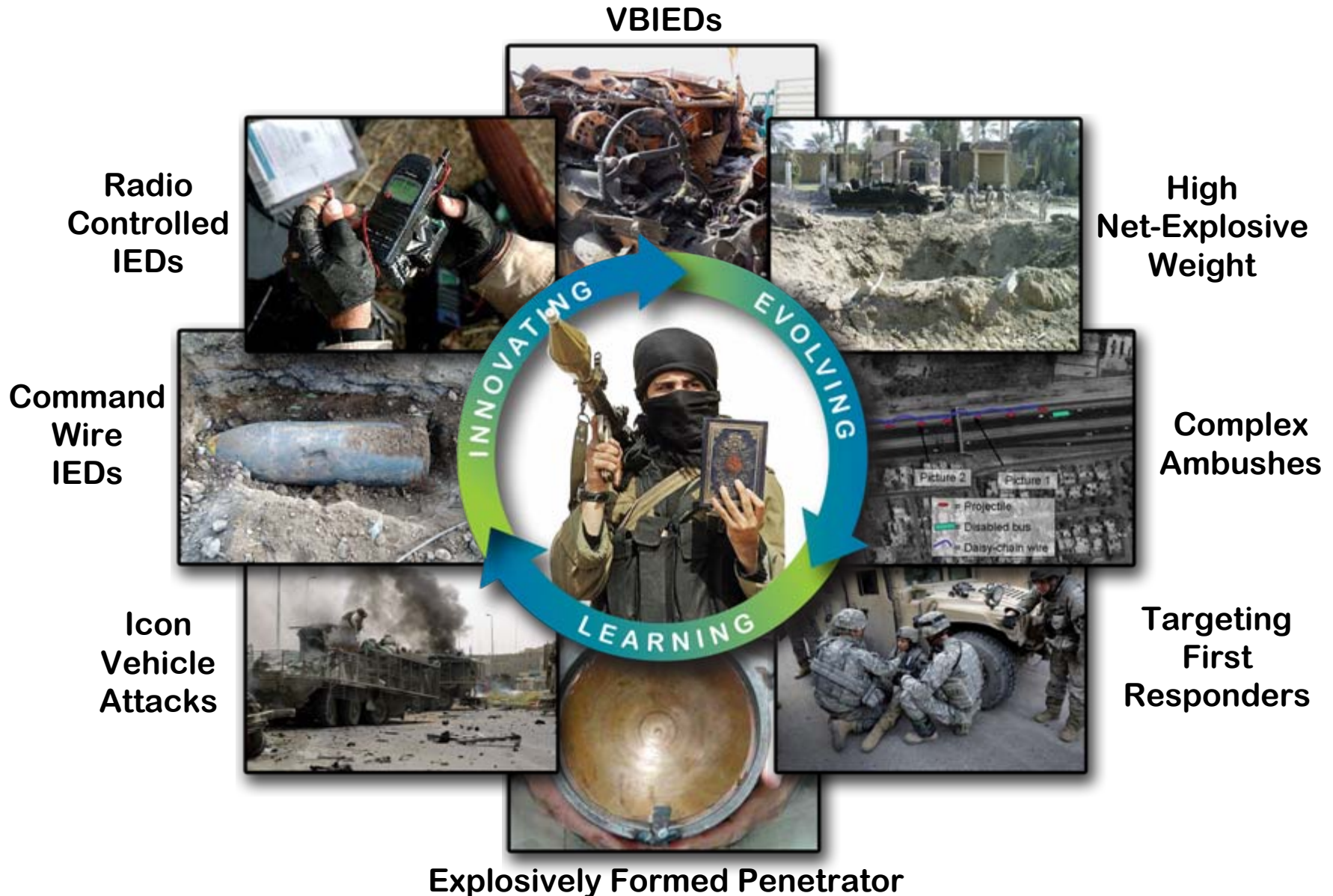


- Lethal & Effective
- Abundant & Cheap
- Available & Expendable Manpower



An Innovative Enemy

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Iraq-Terrain and Environment

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- Urban & Congested Terrain
- Debris Cluttered Roadways
- Densely Populated Areas



Afghanistan-Terrain and Environment

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- Rural & Mountainous Terrain
- Limited Infrastructure
- Primitive & Unpaved Roads
- Restricted Line of Sight



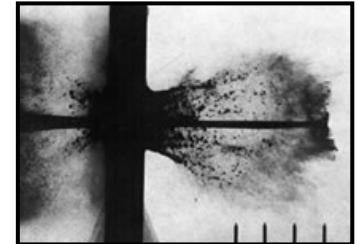
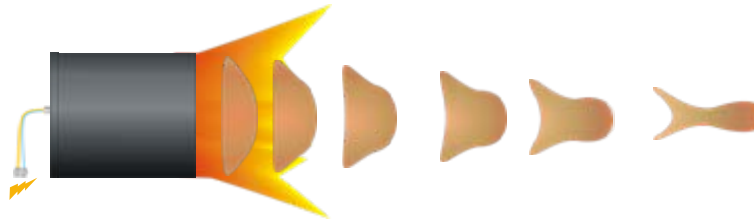
IEDs of Concern

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Explosively Formed Penetrators (EFPs)

- Projectile penetrates easily through light and medium armored vehicles
- Used by Shia insurgents primarily



Buried 155mm

Underbelly Attacks

- Blast targets underbelly of vehicle
- Used by Sunni insurgents primarily



JIEDDO's Reach

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Joint IED Defeat Organization, Crystal City, VA

- Resourcing the IED Defeat Fight
- Direction, Guidance, & Coordination
- Technology Integration
- DS Support from Rapid Equipping Force (REF)

Afghanistan Field Team

- Embed with deployed units
- Unit advising
- TTP development and dissemination
- CREW training
- ISAF transition
- TF Phoenix Support

Joint Center of Excellence, Ft. Irwin, CA

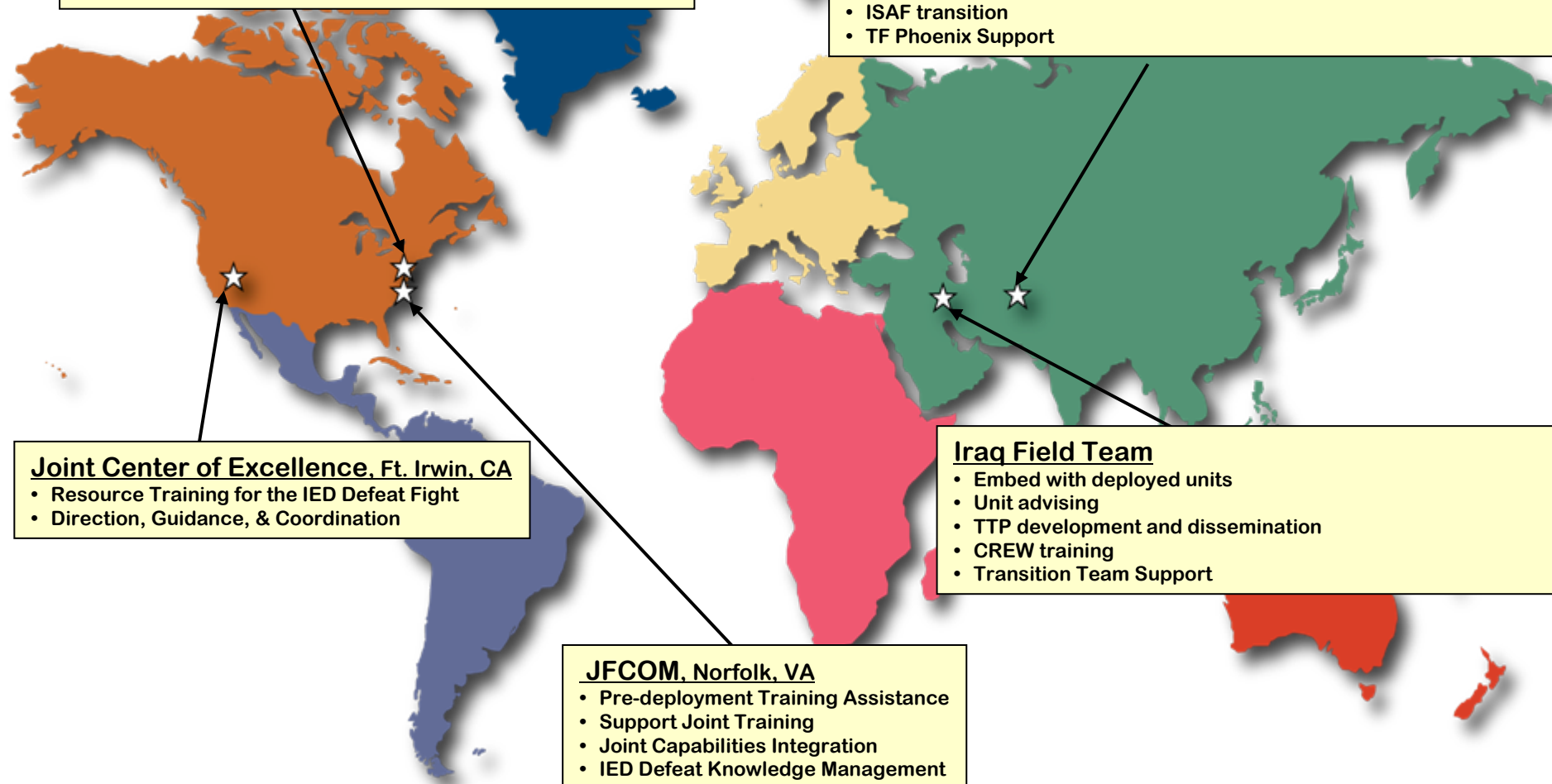
- Resource Training for the IED Defeat Fight
- Direction, Guidance, & Coordination

JFCOM, Norfolk, VA

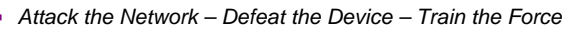
- Pre-deployment Training Assistance
- Support Joint Training
- Joint Capabilities Integration
- IED Defeat Knowledge Management

Iraq Field Team

- Embed with deployed units
- Unit advising
- TTP development and dissemination
- CREW training
- Transition Team Support

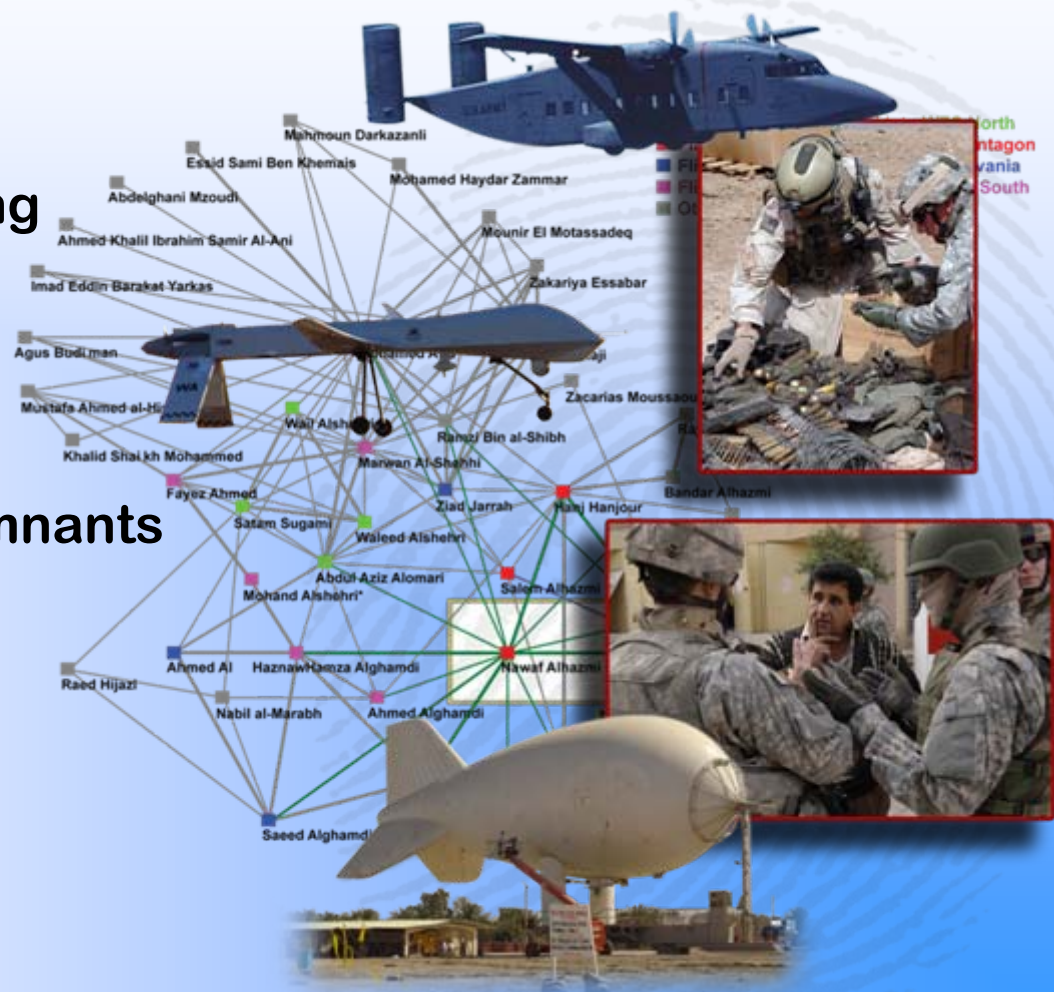


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- Technical Exploitation
- Persistent Surveillance
- Counter-Bomber Targeting
- Internet Exploitation
- Biometric Exploitation
- Information Operations
- Removal of Explosive Remnants of War
- Law Enforcement
- Finances
- Forensic Science





Defeat the Device

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“...defeat the IED once it is emplaced...”

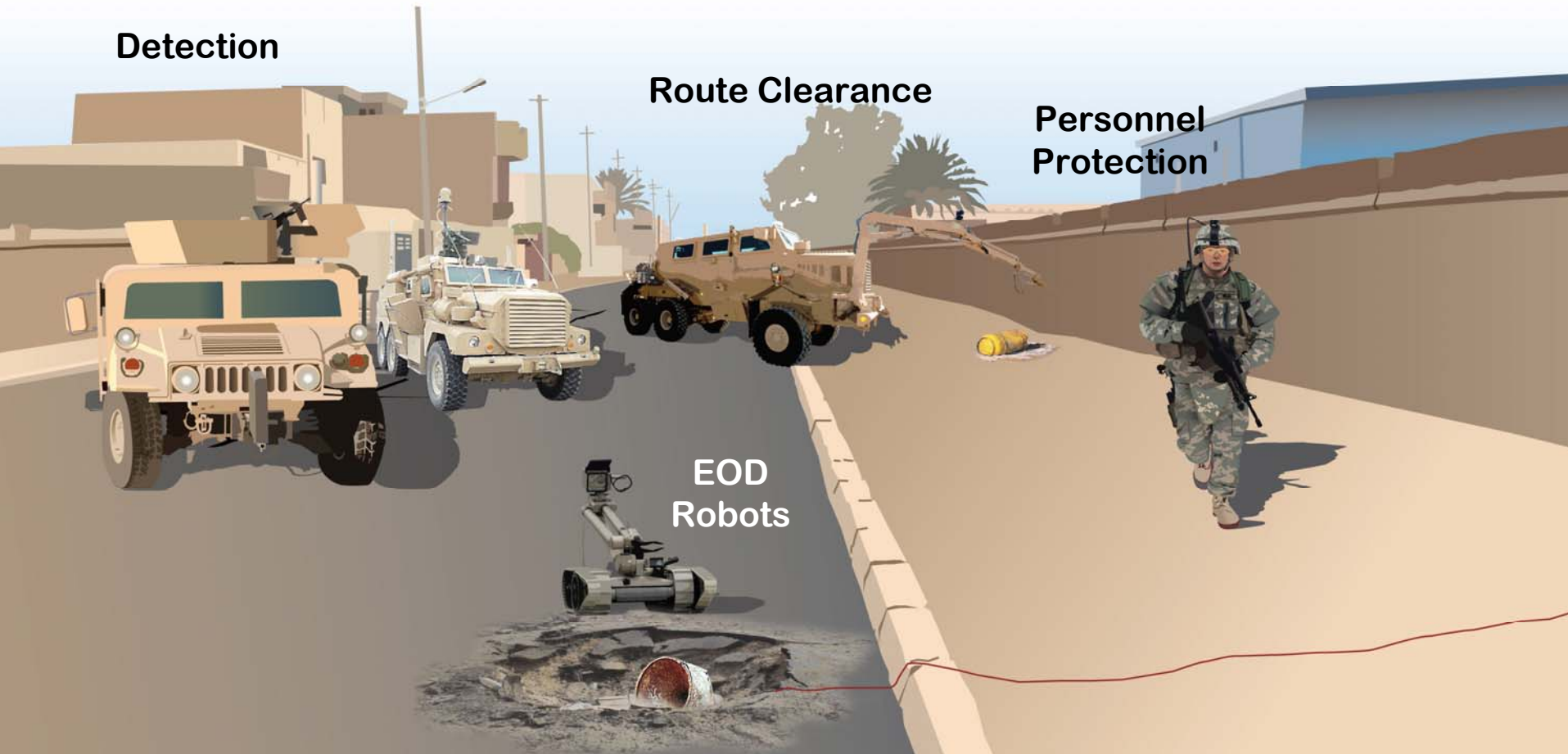
Signal Jammers Vehicle Protection

Detection

Route Clearance

Personnel
Protection

EOD
Robots





Train the Force

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The Road to Effective Training



Jammer Training



Electronic Warfare Training



Surrogate Vehicles & Training Devices



Improved Home Station Training

