

PURPOSE

IEDs are the greatest casualty producer in 21st century warfare and a longstanding threat to civilian populations. The ubiquitous nature of IED materials, their low cost and the potential for strategic impact guarantees the IED will remain a global threat and main casualty-producing weapon for decades to come. The battlefields of Iraq and Afghanistan have provided DoD with a unique prospective and significant experience in combating the IED and the threat networks that use them. The knowledge, capabilities, and experiences gained during these combat operations must be institutionalized.

Building upon hard-earned lessons learned, this *Counter-IED Strategic Plan* extends the focus beyond current operations and establishes an azimuth for the development of future and enduring counter-IED capabilities.

The IED threat is complex and transnational in nature, representing layers of interdependent, inter-connected global threat networks and support systems. The mission to disrupt these transnational threat networks employing IEDs, and to defeat the IED itself, requires a comprehensive and seamless effort supported across all levels of our government. The global IED threat must be met with a coherent and focused, whole-of-government approach that collaboratively and continually seeks effective solutions.

The hard-won counter-IED capabilities must not attrite in this environment constrained by diminishing resources. While no one can predict for certain what the future threat environment will look like, the IED will certainly be a focal point in any future operations. This compelling threat requires constant vigilance, and an enduring counter-threat network and counter-IED capabilities.

JOINT IED DEFEAT ORGANIZATION

(877) 251-3337

The 2012–2016 Counter-IED Strategic Plan can be found online at: <http://www.jieddo.dod.mil>

COUNTER-IMPROVISED EXPLOSIVE DEVICE

STRATEGIC PLAN

JIEDDO

ATTACK THE NETWORK | DEFEAT THE DEVICE | TRAIN THE FORCE

2012 – 2016



STRATEGIC VISION

Reduce the effectiveness and lethality of IEDs to allow freedom of maneuver for joint forces, federal agencies, and partner nations in current and future operating environments

C-IED Strategic Plan Goals

Mitigate effects of IEDs to ensure the commander's freedom of action and enable the defeat of these devices as weapons of strategic influence.

FIVE principal goals:

- Goal 1** Rapidly identify, validate, and prioritize immediate and future C-IED requirements.
- Goal 2** Provide operations and intelligence fusion, analysis, training, and sensitive activity support to the Combatant Commanders, federal agencies, and coalition partners.
- Goal 3** Rapidly seek, develop, and acquire C-IED solutions to fulfill validated requirements.
- Goal 4** Lead DoD C-IED training and capability development.
- Goal 5** Build a joint, interagency, intergovernmental, and international C-IED community of action.

The Action Plan to the strategic plan will develop supporting tasks and actions with measurable outcomes and outputs.

THE ENDURING THREAT

The IED is the weapon of choice for the overlapping consortium of networks operating along the entire threat continuum — from criminal gangs to insurgencies to terrorists with global reach. These threat networks are supported by the easy flow of dual-use components through legitimate businesses, using local readily available explosive materials, and a

generation of combat-experienced IED makers — all interacting and operating in current or emerging conflict areas. They are largely seamless, overlapping, and not confined by geographical or jurisdictional boundaries. These threat networks are like a virus that breeds and flourishes in a climate of instability.

The Threat Continuum



Meeting the IED Challenge

Requires a dedicated, focused, persistent, and resourced effort that are operationally proven and time-tested enduring capabilities:

Rapid Acquisition and Fielding

Anticipate, identify, develop, and integrate emerging technologies into effective fielded C-IED solutions



Operations-Intelligence-Information Fusion and Analysis

Sustain an expeditionary and scalable analytical capability to provide accurate, time-sensitive information and counter-network support

Training

Develop and define C-IED training standards for joint forces to build partner capacity

Weapons Technical Intelligence

Synchronize whole-of-government efforts to collect, analyze, exploit, and disseminate current and emerging technologies

Whole-of-government Approach

Synchronize counter-threat network actions among joint, interagency, and international stakeholders

The Joint Improvised Explosive Device Defeat Organization (JIEDDO) partnered with private industry, government labs and the Department of Commerce in recent robot trials in Gaithersburg, Md., to test lightweight robots for use in Afghanistan. (Photo by Tanekwa Bournes)

THE IED IS THE WEAPON OF CHOICE FOR ADVERSARIES OPERATING ALONG THE THREAT CONTINUUM.

LINES OF OPERATION

The five enduring capabilities are synchronized through three lines of operation to enable commanders to readily integrate C-IED capabilities at the operational and tactical levels of planning and execution.

FUTURE C-IED R&D GAPS

Harnessing the potential of the research and development (R&D) community to meet a dynamic, complex, and adaptive threat is especially important. DoD will “cast a net into the future” to accelerate the most promising C-IED solutions to combat the ever-evolving threat.

Future R&D Capability Gaps 2012

- **Pre-detonation:** the ability to cause IEDs to trigger at the time and place of the warfighter’s choosing
- **Counter-threat network:** the ability to proactively find and fix IED builders, suppliers, financiers, and distributors
- **Detection:** the ability to determine the location of emplaced IEDs and IED components
- **Counter-device:** the ability to neutralize IEDs before detonation or mitigate the effects following detonation
- **Homemade Explosives:** the ability to locate, avoid, and neutralize IEDs containing non-standard explosives compounds



- **Information integration and fusion:** the ability to integrate, visualize, and analyze information and intelligence to increase situational awareness for C-IED/counter-threat network planning and operations
- **Weapons technical intelligence:** the ability to collect and exploit information from individuals, IEDs and components to understand threat networks, IEDs, and components

The goal is to promote an informed and agile research and acquisitions process that stays ahead of the threat, and develops timely and effective C-IED systems solutions to safeguard troops, citizenry, and international partners.

THE ENDURING CAPABILITIES ARE THE PROVEN AND ESSENTIAL ELEMENTS FOR PROACTIVE C-IED SOLUTIONS.