Joint Improvised-Threat Defeat Organization
Global EOD Symposium and Exhibition

8 August 2017
Ms. Lisa Swan
Director, Material Solutions
https://www.youtube.com/watch?v=oPqH4SUNPh4
Vehicle Borne IED, Kabul, Afghanistan
Vehicle Borne IED, Kabul, Afghanistan

Exclusive Footage Shows Moment Kabul Truck Bomb Explodes

80,876 views
Vehicle Borne IED, Kabul, Afghanistan

Exclusive Footage Shows Moment Kabul Truck Bomb Explodes
Vehicle Borne IED, Kabul, Afghanistan

The German Embassy in Kabul after the explosion. It was not clear whether the embassy had been targeted. Rahmat Gul/Associated Press
Vehicle Borne IED, Kabul, Afghanistan
Vehicle Borne IED, Kabul, Afghanistan

Explosion in Diplomatic Area

SOURCE: maps4news.com/OSM

UNCLASSIFIED
ISIS claimed responsibility for the bombing. The group’s Amaq news agency said a bomber wearing an explosive vest carried out the attack, which was condemned by a former local ISIS affiliate.

Security officers collect evidence as they investigate crime scene after a bomb exploded next to a convoy of deputy chairman of the Pakistan Senate, Senator Ghafoor Haideri in Mastung, Pakistan, May 12, 2017. REUTERS/Naseer Ahmed

25 killed by suicide bomber in Pakistan, ISIS claims responsibility

May 12, 2017 | Filed under: Asia Pacific, Featured, International, News | Posted By MV Media
JIDO Core Functions

• Assist Situational Understanding (of threat network activities)
  Delivers consumable fused intelligence to help warfighters plan for and adapt to rapidly changing threat conditions.

• Enable Rapid Capability Delivery
  Provides the ability to rapidly acquire and deliver urgent and emergent counter-threat materiel solutions.

• Enable DoD Responses to Improvised Weapons
  Leverages the authorities, access, and capabilities of all US government agencies, intelligence community, coalition partners, industry, and academia to develop and deliver solutions to counter improvised threats.
JIDO: Actions & Collaborators

Key
- Actions
  1. Joint Special Operations Commands
  2. Combatant Commands

Collaborators
- Joint Staff
- National Labs
- Interagency
- Intelligence Community
- Industry
- Military Services
- Academia
- Coalition Partners
- Emerging, Anticipatory
- Advanced Analytics
- Embedded & Reach-back Support
- JSOC
- COCOMs
- Data Collection, Fusion
- Quick Reaction Capability, Urgent
- Integrated Solutions
JIDO Technology Outreach Framework

- Requests from the Warfighter
- Technology gaps
- Emerging threat technologies

Identify Needs

- Broad Area Announcements (BAA)
- Tech scouting
- Partnered programs

Find Solutions

- Deliver a product within 2 years
  - Incremental or innovative solutions

Rapid Delivery
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<th>Focus Areas</th>
<th>Future capabilities must be:</th>
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<td>Subterranean Void Detection &amp; Defeat</td>
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<td>Miniaturization &amp; integration of sensors</td>
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<td>Electronic Counter Measures for advanced wireless signals &amp; techniques</td>
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<td>Processing Exploitation Dissemination (PED) for integrated sensors</td>
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<td>Remote neutralization of HME and pre-cursors</td>
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<td>Pre-detonation capabilities</td>
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<td>Identifying explosive threats within structures</td>
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<td>Safeguarding GPS functionality</td>
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<td>Person-Borne IEDs (PBIEDs)</td>
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<td>Anti-armor IED detect &amp; defeat</td>
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<td>Mounted detection for dismounts that enable rate of advance</td>
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One Example

- Multiple Technologies
- Many Partners
- Proof of concept testing
- Initial capability delivery 2018
### WORLWIDE IED EVENTS

**Taliban claim responsibility for deadly Kabul suicide bomb attack**
Associated Press, July 24
The Taliban claimed responsibility for a suicide car bombing in the Afghan capital of Kabul that killed 24 people and wounded 42 others.

**Massive car bombing targets large Al-Qaeda gathering in Idlib**
ANIN Al-Masdar News, July 24
A car bombing targeted a large gathering of Hay'at Tahrir Al-Sham fighters in Idlib City.

**Three dead, 15 injured in suicide bomb attack on IDPs camp**
The Guardian, July 24
Three people died and 15 others were injured in a suicide bomb attack in Maidanagiri.

**Two Peshmerga fighters wounded in IED explosion in western Diyala**
Iraqi News, July 24
Two Peshmerga fighters were wounded when an IED exploded near their patrol in western Diyala.

**Car bomb blast in Raqqa leaves casualties among SDF ranks**
Iraqi News, July 24
Ten members of the Syrian Democratic Forces were killed in a car bomb blast south of Raqqa.

**Policemen, among others, killed and injured in blast, western Mosul**
Iraqi News, July 24
Seven police officers were killed and injured in a blast caused by a booby-trapped vehicle in western Mosul.

**Army officer killed in bomb blast, western Anbar: Military source**
Iraqi News, July 24
An Iraqi army officer was killed in an IED blast while defusing the bomb in western Anbar.

**Army troops foil NPA attack in Ilocos Sur 1 rebel killed**
Manila Bulletin, July 24
In Manila, rebels were planning to set up an IED in a populated area.

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**Egyptian tank crew 'saves 50 people' from deadly suicide bomb by CRUSHING car packed with 200lbs of explosives**
- The tank spotted the car racing towards a checkpoint in North Sinai
- It drove out head-on to meet the car full of terrorists and ran straight over them
- An army spokesperson said seven people were killed by the subsequent blast
- But they added that up to 60 were saved by the actions of the brave tank

By Luke Darnies for MailOnline
Published: 14:10 EST, 24 July 2017 | Updated: 00:00 EDT, 25 July 2017

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**World, Middle East**

Roadside mine blast kills 2 in Afghanistan's Zabul province
ANI
Published: Jul 31, 2017, 2:03 pm IST

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**Sky News**

Suicide bomb detonated near Iraqi embassy
Updated: 10:42 pm, Monday, 31 July 2017

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