



Joint Improvised-Threat Defeat Organization Global EOD Symposium and Exhibition

8 August 2017

Ms. Lisa Swan

Director, Material Solutions



HELPING WARFIGHTERS ADAPT

JIDO
JOINT IMPROVISED-THREAT DEFEAT ORGANIZATION



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VBIED Surveillance Video



<https://www.youtube.com/watch?v=oPqH4SUNPh4>

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Vehicle Borne IED, Kabul, Afghanistan



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Vehicle Borne IED, Kabul, Afghanistan

vbied kabul may 2017 surveillance camera



Exclusive Footage Shows Moment Kabul Truck Bomb Explodes



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Vehicle Borne IED, Kabul, Afghanistan

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0:30 / 0:56

Exclusive Footage Shows Moment Kabul Truck Bomb Explodes

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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

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Vehicle Borne IED, Kabul, Afghanistan

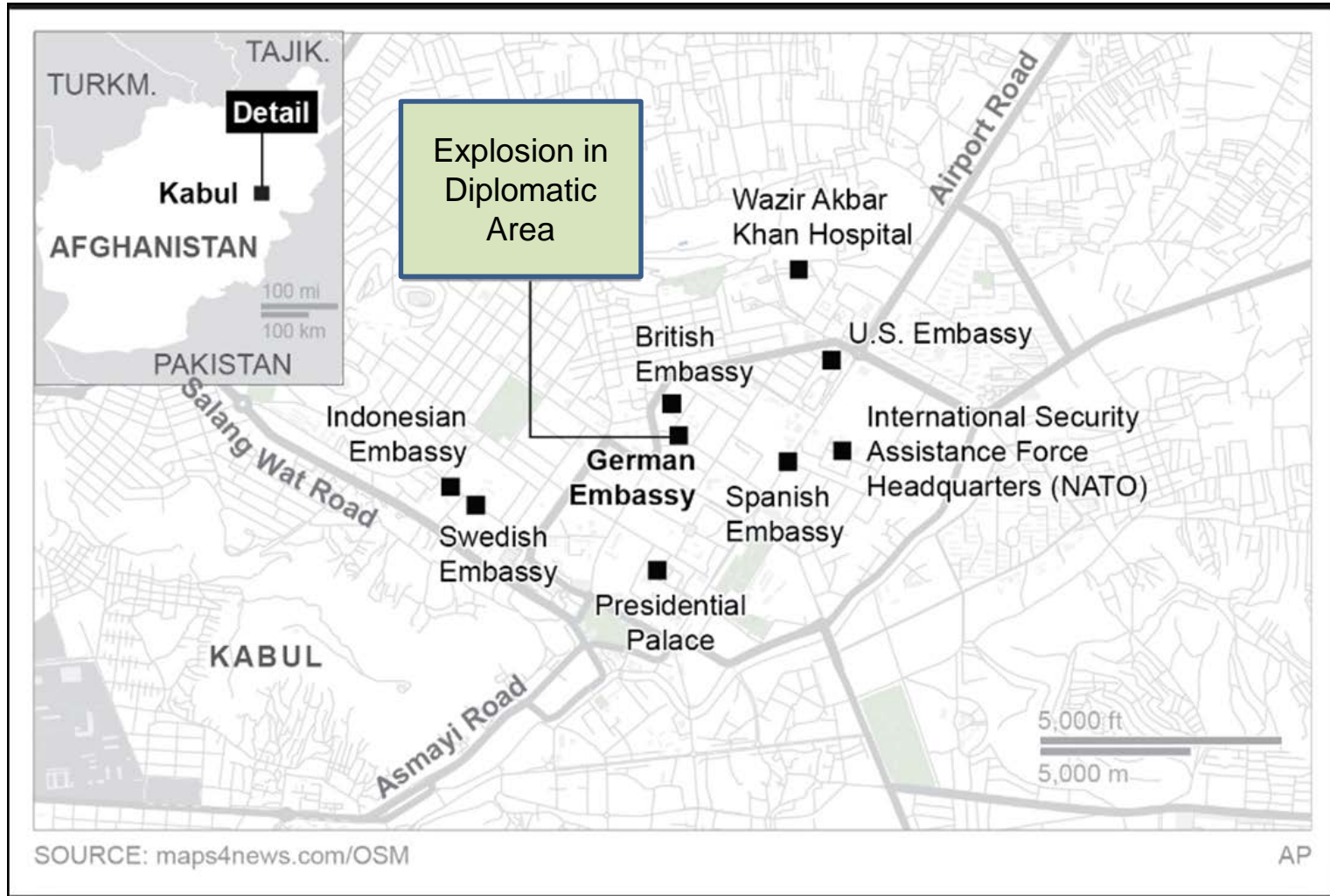


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Vehicle Borne IED, Kabul, Afghanistan



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Person-Borne IED, Quetta, Pakistan



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](#)

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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**.

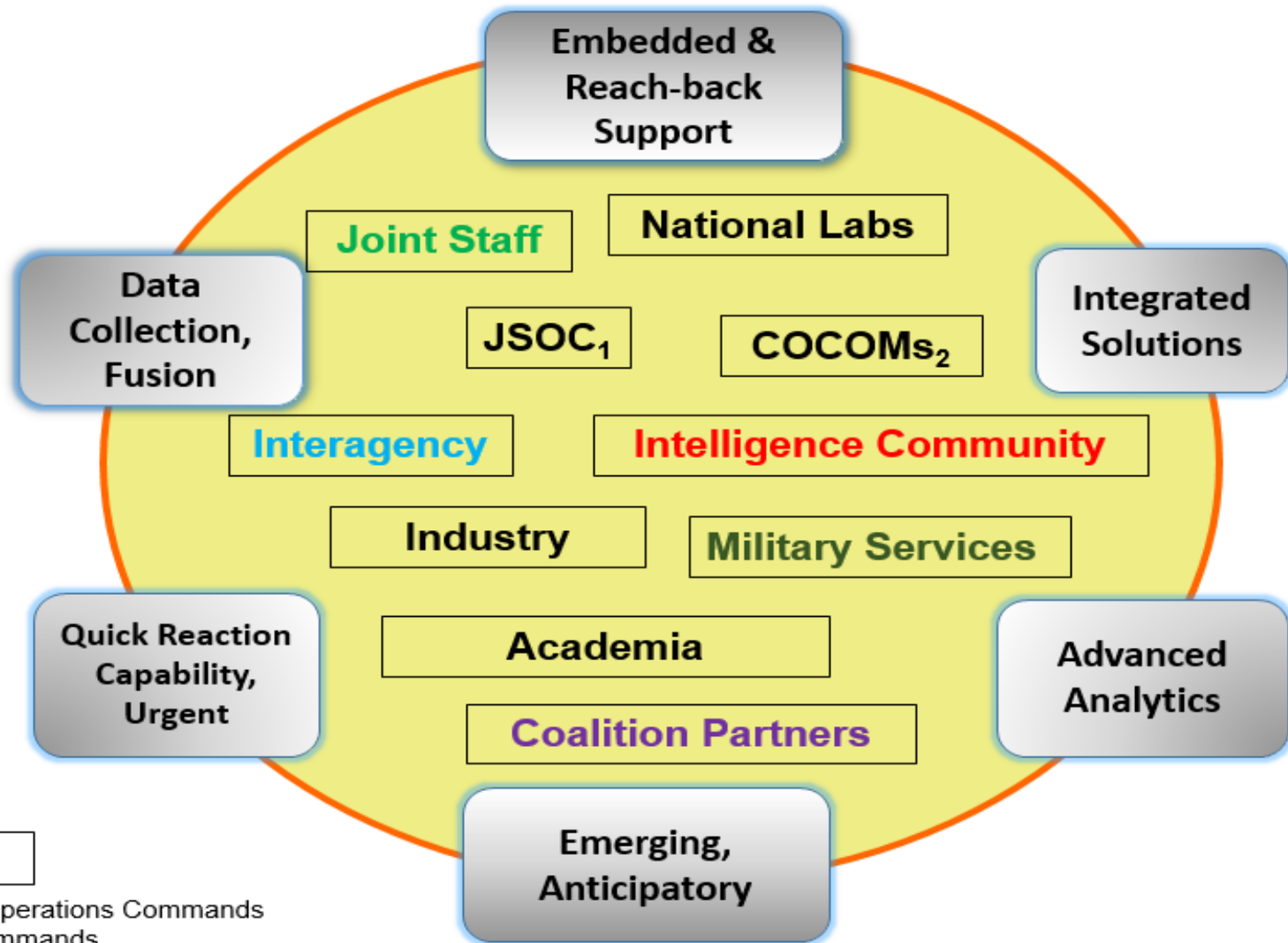
- **Enable DoD Responses to Improvised Weapons**

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.

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JIDO: Actions & Collaborators

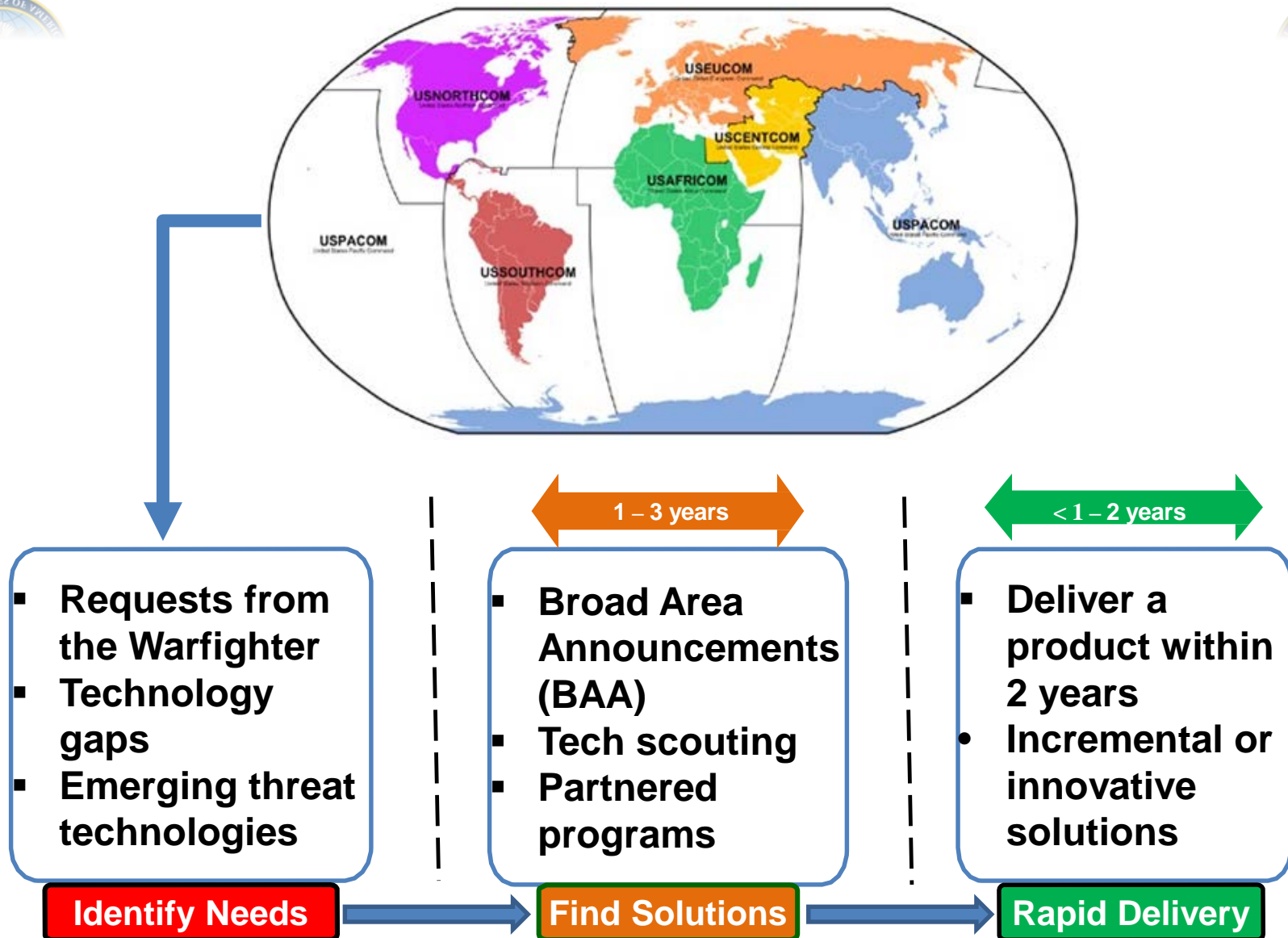




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JIDO Technology Outreach Framework











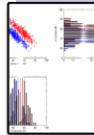









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JIDO Focus Areas



 Standoff Detection	 Counter Vehicle Borne IEDs	 Subterranean Void Detection & Defeat
 Miniaturization & integration of sensors	 Electronic Counter Measures for advanced wireless signals & techniques	 Processing Exploitation Dissemination (PED) for integrated sensors
 Vehicle attached IEDs	 Virtual Advise and Assist	 Data Analytics
 Situational Understanding in A2AD environments	 Remote neutralization of HME and pre-cursors	 Pre-detonation capabilities
 Identifying explosive threats within structures	 Counter-Unmanned Aerial Systems methods	 Safeguarding GPS functionality
 Person-Borne IEDs (PBIEDs)	 Anti-armor IED detect & defeat	 Mounted detection for dismounts that enable rate of advance

Future capabilities must be:

**Scalable – Affordable – Adaptable – Expeditionary – Domestic
Application – Whole-of-Government Approach**

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One Example



- Multiple Technologies
- Many Partners
- Proof of concept testing
- Initial capability delivery 2018

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At least 26 killed in Lahore Taliban suicide blast that targeted police

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 50 were saved by the actions of the brave tank

By LUKE BARNES FOR MAILONLINE
PUBLISHED: 14:15 EDT, 25 July 2017 | UPDATED: 03:59 EDT, 26 July 2017



As the tank retreated the car exploded in a huge ball of flame, sending a shockwave rippling through the desert. Tragically seven civilians - including two children - were reported to have died

WORLDWIDE IED EVENTS

[Taliban Claims 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](#)

AMN 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 Maiduguri.

[Two Peshmerga fighters wounded in IED explosion in western Diyala](#)

Iraqi News, July 24

Two Peshmerga fighters were injured 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 people 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.

WORLD, MIDDLE EAST

Roadside mine blast kills 2 in Afghanistan's Zabul province

ANI

Published Jul 31, 2017, 2:03 pm IST

Updated Jul 31, 2017, 2:03 pm IST

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NEWS WORLD MIDDLE EAST

Suicide bomb detonated near Iraqi embassy

Updated: 10:42 pm, Monday, 31 July 2017

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