Accelerating technology and increased connectivity enables greater ease in the development and employment of the CBRNE capabilities, resulting in an increasingly complex threat profile.
DEFINING “CBRNE”

CBRNE: Chemical, Biological, Radiological, Nuclear, and Explosive threats.

The “E” represents the full range of Explosive threats (low to high yield) and captures the critical tasks our EOD Soldiers perform (unexploded ordnance to improvised explosive device (IED) defeat).

Anytime...anywhere!!
Warfare agents, toxic industrial chemicals/materials, chemical plants

UK Man Charged With Attempting to Obtain Chemical Weapon

LONDON — Feb 10, 2016, 3:04 PM ET

British police say a man from northwest England has been charged with trying to obtain a chemical weapon.

Greater Manchester Police says Mohammed Ammer Ali, from Liverpool, was arrested after officers raid properties in the city last week as part of a counter-terrorism operation.
Former College Student Sentenced to One Year in Prison for Unregistered Possession of Ricin

Toxin Found Last Winter in His Dorm Room

U.S. Attorney's Office

November 19, 2014

WASHINGTON—Daniel Milzman, 20, was sentenced today to one year and one day in prison on a federal offense stemming from the discovery of a plastic bag of lethal ricin in a dormitory room where he was staying while he was a student at Georgetown University.

The sentencing was announced by U.S. Attorney Ronald C. Machen Jr. and Andrew G. McCabe, Assistant Director in Charge of the FBI's Washington Field Office.

Milzman, of Bethesda, Md., pled guilty in September 2014 in the U.S. District Court for the District of Columbia to a charge of unregistered possession of a biological agent or toxin. He was sentenced by the Honorable Ketanji Brown Jackson. The plea agreement, which was contingent upon the Court’s approval, called for a prison sentence falling somewhere within the range of a year and a day to two years of incarceration.
Radiological dispersal devices (dirty bombs), medical and industrial radioactive sources

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Mexico recovers stolen radioactive material

General Sources Wednesday 4th February, 2015

MEXICO CITY (AP) -- Mexican authorities have recovered three stolen pickups carrying radioactive material. The head of the national civil defense office, Luis Felipe Puente, said Tuesday the trucks and their cargo were stolen in Guanajuato state and later recovered in Hidalgo. Puente said the material, Iridium-192 used in industrial radiography, could have been dangerous if the containers were opened. Puente was initially holding the news conference to alert the public to the theft, but before he finished word arrived that the trucks had been located. It was the fourth case of stolen radioactive materials in Mexico in just more than a year. In each case, authorities said the thieves were trying to steal vehicles, not radioactive material....
Weapons, improvised devices, nuclear infrastructure (power plants, research reactors, reprocessing facilities)

Nuclear Reactors in U.S. Seen at Risk of Terrorist Attack

Russia Orders Snap Test of Nuclear Missiles
BY DAMIEN SHARKOY 1/20/15 AT 10:35 AM
EXPLOSIVES

- Low to high yield, conventional, and improvised devices

The Afghanistan War's Most Lasting Legacy: The IED

Pentagon warns that US faces IED threat at home

The roadside bombs (improvised explosive devices) so deadly to US troops in Afghanistan are also being deployed against Americans at home, as the Pentagon adapts wartime strategies to help counter the threat.

By Anna Murphy, Staff writer | JULY 17, 2012
The HYBRID CBRNE Threat

The nexus of ideology, technology, and CBRNE materials (weaponized and industrial/commercial sources) by state and non-state actors is a clear threat. CBRNE hazards can result as well from natural disasters, endemic disease outbreaks, and humanitarian crises.
Defense Strategic Guidance

Over the past year, a number of dangerous trends have worsened, threatening stability across entire regions.
- 2014 Army Strategic Planning Guidance

The U.S. faces a rapidly changing global security environment that is volatile, unstable, and increasingly threatening.
- Force 2025 and Beyond, Oct 2014

The environment the Army will operate in is unknown. The enemy is unknown, the location is unknown, and the coalitions involved are unknown.
- The U.S. Army Operating Concept, 7 Oct 2014

Increased access to expertise, materials, and technologies heightens the risk that these adversaries will seek, acquire, proliferate, and employ WMD. Instability in states pursuing or possessing WMD or related capabilities could lead to dangerous WMD crises.
- DoD Strategy for CWMD, Jun 2014

The U.S. faces a rapidly changing security environment. We are repositioning to focus on the strategic challenges and opportunities that will define our future: new technologies, new centers of power, and a world that is growing more volatile, more unpredictable, and...more threatening to the U.S.
- Quadrennial Defense Review 2014

The review of the strategic threat and guidance demands that our Army is better able to deliver a force that is adaptive, agile, tailorable, and expeditionary.

Anytime...anywhere!!