

## **IB3 Global Solutions**

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**Mission Statement:** IB3 Global Solutions is committed to providing the government both technical and operational solutions to support the Chemical, Biological, Radiological and Nuclear (CBRN) threat interdiction mission spaces.

**Capabilities Overview:** IB3 Global Solutions has expertise that ranges from technical support in controlled environments to forward deployed support in former ISIS controlled territories and operational field environments both domestic and international. Below is a summary of IB3 Global Solutions' capabilities relevant to the Border Security Technology Consortium (BSTC).

**Technical Capabilities:** Approximately half of all IB3 Global Solutions staff have a masters or Ph.D. in science or engineering; and come from the Department of Energy (DOE) National Laboratory complex. Most staff have spent ten or more years and continue to support the radiological/nuclear (rad/nuc) interdiction spaces on behalf of the National Nuclear Security Administration (NNSA), the Department of Homeland Security (DHS), the Department of Defense (DoD) and the Department of State (DOS). Technical support includes analysis of data, evaluation of interdiction systems in controlled and field environments (at various technical readiness levels), maintenance and sustainability of deployed interdiction systems, and performance-based modeling/simulation. The U.S. government uses IB3 Global Solutions' wide array of capabilities to optimize or replace technology at both domestic and international border crossings and seaports.

**Operational Capabilities:** The other half of IB3 Global Solutions staff have experience in forward deployed areas of concern, have served or still serve in the military, and have worked with first responders across multiple types of agencies both domestically and internationally. Our partners are coordinated through NNSA and the DoD, and our primary touch point is typically the host country's customs agency. Engagements range in scope from conducting drills to training on the use of interdiction instrumentation. Most drills focus on optimizing existing interdiction capabilities at border crossings and seaports by evaluating concept of operations and standard operating procedures as it relates to use of the deployed technology. Our training activities include initial familiarization of deployed instruments to refinement of use by more experienced users. Other operational assessments include tabletop exercises, vulnerability assessments and coordination of red team exercises. Finally, IB3 Global Solutions currently leads activities on behalf of the DoS to remediate chemically contaminated areas of concern in Iraq. The focus of this activity is to allow re-population of areas formerly occupied by the Islamic State of Iraq and Syria.

**Supplemental Capability:** IB3 Global Solutions also has the ability to store, use, pack and ship both radioactive and nuclear materials on and offsite to support the CBRN mission.

**Contact:** For more detailed information on the aforementioned capabilities, please contact Jason Shergur at [jason.shergur@ib3global.com](mailto:jason.shergur@ib3global.com) or at 865-294-4367.