

Rapid Reaction Technology Office Biosurveillance Needs Statement

The Department of Defense, Rapid Reaction Technology Office (RRTO), will conduct a Biosurveillance Solutions Meeting in the Washington, DC area in the early 2015 timeframe. The RRTO is supporting Department of Homeland Security and Department of Health and Human Services who are looking for emerging technologies to increase the nation's preparedness against chemical, biological, and agricultural threats.

The Solutions Meeting provides selected innovative companies with an opportunity to make short technical presentations to government representatives about their technologies and products. There is a potential for companies to be selected for pilot projects or experimentation if their technology appears to match needs described below.

DHS and HHS are looking for innovative technologies and capabilities in the following areas:

Real Time, Indoor and Outdoor Environmental Sensing

- Chemical Threat Detection & Characterization
- Biological Threat Detection & Characterization (Viral, Bacterial, Toxins, etc.)
- Wearable & Handheld Sensors
- Trigger Sensors

Data Analytics

- Predictive Modeling in Behavioral Responses
- Indirect Detection of Chemical & Biological Events
- Decision Support & Planning
- Social Media Monitoring
- Real-time Collaboration
- Unstructured Data Capture
- Structured Data Visualization

Internet of Things

- Personnel Tagging, Tracking & Locating
- Wearable Personal Sensors
- Sensors & Ad Hoc Networking

Information Technology & Communications

- Personally Identifiable Information (PII) Protection
- Public Alerting & Warning
- Integrated & Interoperable Communications
- Virtual Network Management
- Modeling & Simulation

Companies interested in participating in the Solutions Meeting should submit an application to RRTO Innovation via e-mail to osd.pentagon.ousd-atl.mbx.rrto-innovation@mail.mil.

The following information is required in the application (Note: Only 1 application is permitted per company):

1. Email subject line "RRTO Biosurveillance Solutions Meeting Application"
2. Company name
3. Website address
4. POC, email, phone number and an alternate POC if desired
5. A succinct description (less than 100 words in length) of the company's technologies, products and capabilities including a mapping to the topic areas and needs addressed

All applications must be received on or before 5:00 PM EDT, November 13, 2015.

Selected companies are responsible for their travel and all other expenses associated with participation in the RRTO Biosurveillance Solutions Meeting.