TechSolutions
Solutions for First Responders

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Department of Homeland Security

“Putting First Responders First”
What is TechSolutions?

The mission of TechSolutions is to rapidly address technology gaps identified by Federal, State, Local, and Tribal first responders

- Field prototypical solutions in 12 months
- Cost should be commensurate with proposal but less than $1M per project
- Solution should meet 80% of identified requirements
- Provide a mechanism for Emergency Responders to relay their capability gaps
  - Capability gaps are gathered using a web site (www.dhs.gov/techsolutions)
- Gaps are addressed using existing technology, spiral development, and rapid prototyping
- Emergency Responders partner with DHS from start to finish
TechSolutions Web Page

S&T Tech Solutions

The TechSolutions Program was established by the Department of Homeland Security's Science and Technology Directorate to provide information, resources and technology solutions that address mission capability gaps identified by the emergency response community.

The goal of TechSolutions is to field technologies that meet 90% of the operational requirements in a 12 to 15 month time frame, at a cost commensurate with the proposed but less than $1 million per project. Goals will be accomplished through rapid prototyping or the identification of existing technologies that entirely identified requirements.

Only first responders are eligible to submit capability gaps to the TechSolutions web site (Please, no unsolicited proposals or grant responses). If you are a first responder who has identified a capability gap that impacts multiple departments or sectors of the first responders community or have an idea that would allow first responders to do their job faster, safer, and more efficiently, please relay your idea or capability gap to the DHS TechSolutions Program using the email link below. Submissions should be 2 typed pages or less, created in Microsoft Word, using Arial Regular 10pt font. Please include your contact information so that we may update you on the status of your submission.

The TechSolutions e-mail address is techsolutions@dhs.gov

TechSolutions is not the appropriate forum for vendors to submit product ideas. Vendors who have a technology or product idea that may be of interest to the Department should communicate their idea to the Department's unsolicited proposal Web site http://www.dhs.gov/opsopportunities/feedback/2017.htm.

TechSolutions is not the appropriate forum for agencies or departments seeking grant assistance for technologies that already exist. Agencies or departments seeking grant assistance should visit www.grants.gov or contact their State Administrative Agency at www.gsa.gov/wise/contact/state.htm.

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TechSolutions Review Process

Submitter and Technical Experts involved throughout
## TechSolutions Investments

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<th>Project Name</th>
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<td>Border Patrol</td>
<td>Carrizo Cane</td>
<td>Funded</td>
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<tr>
<td>Fire Service</td>
<td>3-D Personnel Location</td>
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<td>Coast Guard</td>
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TechSolutions Investments

Carrizo Cane Eradication

3-D Location

Ocular Scanning

Biometric Identification
Technologies Under Consideration

Next Generation Breathing Apparatus

Fire Ground Compass

Interoperable Communications

Vital Sign Monitoring

Vehicle Mounted Chem/Bio Sensor Detection

Homeland Security
Questions?