Silicon Valley Innovation Program

Homeland Security
Science and Technology

DHS established the Silicon Valley Innovation Program (SVIP) to keep pace with the innovation community and tackle the hardest problems faced by DHS's operational missions. The SVIP is expanding DHS's reach to find new technologies that strengthen national security with the goal of reshaping how government, entrepreneurs and industry work together to find cutting-edge solutions. DHS is reaching out to Silicon Valley and all of the innovation communities across the nation to harness the commercial R&D ecosystem for government applications, co-invest in ideas and accelerate transition-to-market.

Program Summary

- Open to all innovation ecosystems
- Up to $800K over 24 months
- 3-4 tranches of funding
  ($50-200K/3-6 months)
- Phase 1: Demo proof of concept
- Phase 2: Demo prototype
- Phase 3: Pilot-test in operations
- Phase 4: Test in various operational scenarios

CULTIVATE Educate the innovation community on DHS's mission and challenges

Leverage commercial investments & adapt to meet government needs **INNOVATE**

Benefits

Equity-Free

Network

Mentorship

Market Validation

Amplify Your Reach

Follow-On Funding

How to Apply

1. Review Innovation Other Transaction Solicitation calls to see if you qualify and decide if your solution applies

2. Email your application
   (check website for application form)
   DHS-Silicon-Valley@hq.dhs.gov

3. If we select your application:
   - Prepare a 15-minute oral pitch
   - Register in sam.gov
     (this is how we can pay you)

4. If selected for funding, contracts will provide you our standard Other Transaction Agreement

5. Award timeframe average is 45 days

For More Information:

https://scitech.dhs.gov/hsip

Identity

DHS components, such as CBP, have common requirements across their mission sets to assure identity of person and non-person entities (e.g., sensors, etc.). To support these needs, we're currently interested in:

- **Identity and Anti-Spoofing on Non-Person Entities** – Seeks innovative identity assurance and anti-spoofing capabilities for non-person entities (i.e., Sensor Platforms, Wearable Devices, Small UAVs). (Deadlines: July 28, 2017; October 27, 2017; January 16, 2018; May 3, 2018)

Fintech Cybersecurity

Deadline: November 21, 2017

Cyberattacks threaten national security by undermining information-dependent critical infrastructure. DHS has partnered with the Finance Sector for technologies to improve dynamic defense and assurance for protecting Financial Sector Critical Infrastructure. We're interested in:

- Intrusion Deception
- Moving Target Defense
- Isolation & Containment

First Responders

Through the engagement of, and partnership with first responders and the emergency preparedness and response community at every stage, and at the local, state, tribal and federal level, the DHS S&T First Responders Group develops innovative solutions to the most pressing challenges faced during day-to-day and large-scale emergencies. We're interested in:

- **Energy-Harvesting Fabrics** – Need non-traditional power sources to reduce the logistical and weight burden that first responders are required to carry (Deadlines: July 28, 2017; October 27, 2017; January 16, 2018; May 3, 2018)
- **3D Dynamic Mapping** – Provide real-time 3D mapping and visualization of the inside of building spaces under varying conditions (Deadlines: July 28, 2017; October 27, 2017; January 16, 2018; May 3, 2018)