



# S/K Challenge III

## U.S. Department of Defense (DoD) Participants Invitation for the Sophos/Kydoimos (S/K) Challenge III, August 2016

- **S/K Challenge Background:** S/K Challenge is an annual test event, held at Dugway Proving Ground (DPG) in Utah, which provides program managers, interagency and international partners, and industry stakeholders an opportunity to test chemical and biological detection technology against simulants in an operationally realistic environment. S/K Challenge I and S/K Challenge II were two-week field tests consisting of more than 40 threat relevant releases that involved participants from eight countries, multiple U.S. Government agencies, and several private industry participants. New technologies and capabilities were discovered that have helped advance requirement(s) development and support the mission of the global chemical and biological defense community.
- **S/K Challenge III:** S/K Challenge III will also consist of two weeks of testing with chemical and biological simulants. The first week will involve outdoor chamber testing utilizing the Joint Ambient Breeze Tunnel (JABT) and Active Standoff Chamber (ASC). The second week will be field testing in the fully instrumented Test Grid using real world scenarios. Both the outdoor chamber testing and field testing will provide participants an opportunity to evaluate their technology in a controlled and threat-representative environment. Participants will have the chance to meet with industry, international, and government organizations throughout this event, and during the very important person (VIP) day.
- **Projected S/K Challenge III Schedule:**
  - Teleconferences: To be determined (TBD)
  - Site Visit: TBD
  - Customer Setup: Sunday, 14 August 2016, 0700-1730 hours (hrs), Mountain Daylight Time (MDT)
  - Execution Week 1: Monday through Saturday, 15-20 August 2016, 1900-0530 hrs, MDT
  - Execution Week 2: Monday through Friday, 22-26 August 2016, 1900-0530 hrs, MDT
  - VIP Day: Wednesday, 24 August 2016, time TBD
  - Customer Teardown: Friday, 26 August 2016, 0700-1730 hrs, MDT
- **Projected S/K Challenge III Fees:**
  - The cost for U.S. DoD to participate is \$20,000. This includes:
    - One technology system and up to seven personnel. If there is a desire to bring multiple systems and additional personnel, there may be a fee depending on the logistic support required.
    - Logistics support for outdoor chamber and field tests.
    - Access to VIP Day.
    - A complete referee data package.

- There will not be a charge for U.S. DoD Observers. Observation includes access to VIP Day and the ability to observe the outdoor chamber and field tests. No DPG referee data will be provided.

- **Proposed S/K Challenge III Chemical and Biological Simulants:**

- Bacillus Subtilis Var Niger (BG)
- Erwinia Herbicola (EH)
- Male Specific Coliphage (MS2)
- Methyl Salicylate (MeS)
- Ovalbumin (OV)
- Triethyl Phosphate (TEP)

NOTE: Additional simulants may be possible

- **To Speak With a Representative:**

- Office: (435) 831-2116
- Email: [usarmy.dpg.atec.mbx.sk-challenge@mail.mil](mailto:usarmy.dpg.atec.mbx.sk-challenge@mail.mil)
- Webpage: [www.wdte.army.mil](http://www.wdte.army.mil)

We look forward to your response and hope you can participate in the S/K Challenge III.

