Technology Clearinghouse Overview

FOUNDATION FOR A TECHNOLOGY CLEARINGHOUSE

The Technology Clearinghouse provides a centralized location for its customers to access curated and actionable information to aid in the development, acquisition, and deployment of innovative technology solutions for homeland security. The Clearinghouse customer base includes Department of Homeland Security Components, state and local first responders, acquisitions professionals, academia, industry, and the innovation community. The U.S. Department of Homeland Security (DHS), Science and Technology Directorate (S&T), Technology Clearinghouse is congressionally-mandated by the Homeland Security Act of 2002, Section 313.

THE VISION

The DHS S&T Technology Clearinghouse is the "go-to" resource for its customers to find curated knowledge products and share resources on research and

CURATED

COLLABORATIVE
UNBIASED
RELIABLE
AUTHORATATIVE & **A**CTIONABLE
TIMELY
EFFECTIVE
DATA-DRIVEN

development activities, innovative technologies, technology requirements, scouting activities, testing, transition planning and governance, best practices, lessons learned and other resources.

BENEFITS

The Technology Clearinghouse strengthens homeland security operations, and acquisition effectiveness through technical expertise, analysis, and knowledge products in the following ways:

1. Provides real-time access to comprehensive technology information on DHS S&T technology-related research and development activities to aid in acquisition decisions;
2. Features objective equipment performance test and evaluation results from operator-based assessments;
3. Posts technology requirements and gaps to help identify and develop innovative capabilities and solutions;
4. Contributes to more effective partnerships with DHS S&T to conduct research leading to the development of innovative technology capabilities and solutions;
5. Presents opportunities for ongoing dialogue and personal interactions between DHS Components, first responders, academia, industry, the innovation community, researchers, and acquisition professionals;

6. Supports DHS S&T project managers and subject matter experts with sharing their technical documents with the homeland security audience; and
7. Provides platform for other federal agency, state and local first responders, industry, academia, and innovation community to share their knowledge products, best practices, and lessons learned.

Data owners guide the knowledge products in the Technology Clearinghouse and decide what information will be shared, with whom, and for how long.

In 2021, the Technology Clearinghouse will provide an opportunity for the homeland security community to interact through community forums on its access-restricted Technology Clearinghouse.

Once the Technology Clearinghouse team merges the public-access and access-restricted (SBU/FOUO) Technology Clearinghouse platforms, the homeland security community will have one central repository from which to share knowledge products.

MILESTONES

DHS S&T is building the Technology Clearinghouse in phases. Phase I provides users with technology requirements and gaps, along with comprehensive technical information on DHS S&T activities.

The standup of the public-facing Technology Clearinghouse portal occurred in July 2019, while the limited-access Technology Clearinghouse went live in March 2020, with access for DHS PIV and CAC cardholders.

In Phase II, the Technology Clearinghouse will link knowledge artifacts posted within existing websites, databases, and repositories and be accessible using Application Programming Interfaces (API). The access-restricted Technology Clearinghouse will be accessible to additional users. The first group, the Technology Clearinghouse, will open the access-restricted Technology Clearinghouse to non-DHS federal government and state and local first responder organizations. The next priority would be other state and local government agencies and critical infrastructure, followed by industry, manufacturers, researchers, and academia. Finally, in Phase III, the public-facing and access-restricted Technology Clearinghouse portals will be consolidated into a single portal. By this phase, the Technology Clearinghouse will also have community forums to allow users to dialogue and strategize on specific homeland security topics. Throughout each phase, the Technology Clearinghouse team ensures all functionality specifications meet end-user requirements to have a customer-centric site.