



Innovation Task Force Fly By

DEMONSTRATIONS

STORM Demonstration Close-Out

In March 2022, TSA began the deployment of Sabel System's Security Technology Operations Remote Monitoring (STORM) technology at Harry Reid International Airport (LAS) in Las Vegas. STORM's goal is to improve checkpoint security effectiveness, advance transportation security equipment (TSE) integration capabilities and improve officer and passenger experience by integrating near real-time communication for checkpoint screening systems and processes.



STORM demonstration exhibit at LAS

Over a seven-week process, the solution was assessed by multiple test teams. From the assessments' results, ITF found that the solution holds vast potential in its ability to easily connect to original equipment manufacturers and set up secure communication between systems. The demonstration is currently in its close-out process, where ITF is examining how STORM could make advances in TSA's efforts related to dynamic screening, checked baggage, and overall data analytic capabilities.

IDEA BAA Window 1 – Pre-Demonstration Planning

After analyzing the cohort of submissions to the Innovative Demonstrations Enterprise Advancement (IDEA) Broad Agency Announcement (BAA) Window 1, ITF selected five solutions to proceed to the Pre-Demonstration Planning phase of the ITF Solution Demonstration Lifecycle. These five solutions include: the AX-BOX Gatekeeper, Foundry, Project Dartmouth, XTR-4 Complete Suite and the Facial Recognition Authorized List. In the Pre-Demonstration phase, ITF seeks to gather information from each vendor to enable the development of integrated project teams and determine what lab assessments must be conducted prior to potential field demonstrations.

INDUSTRY EXCHANGE UPDATES

Passenger Terminal Expo, British-Irish Airports Expo, & EDGE Summer Session 2022

Between June and July 2022, TSA attended three domestic and international conferences: the Passenger Terminal Expo (PTE) in Paris, the British-Irish Airports Expo in London, and the EDGE Summer Session in San Diego. These conferences gave TSA the opportunity to network with potential solution providers and speak in panel presentations on current affairs, Counter-Unmanned Air Systems (C-UAS), accelerating AI, evolving threats, open architecture, and recent demonstration efforts.



RCA Assistant Administrator Austin Gould speaking on C-UAS at PTE

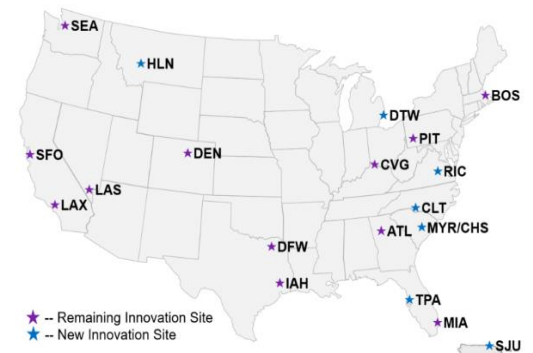
Future Travel Experience 2022

On September 6-9, 2022, TSA will attend the Future Travel Experience (FTE) in Las Vegas. FTE is an independent global forum that brings together airlines, airports, government agencies, vendors, start-ups, terminal designers, architects, ground handlers, destination partners and other travel industry stakeholders to define the future end-to-end passenger experience. ITF attended FTE in December 2021, where it met conference attendees through a TSA Innovation Booth on the expo floor. ITF personnel collaborated with U.S. Customs and Border Protection in a workshop on biometrics and led a tour of the Advancing the Checkpoint Environment (ACE) Checkpoint at LAS. ITF also participated in several panel discussions on cybersecurity, biometrics and digital identity. ITF is planning to engage in similar activities at FTE 2022, including a tour of the ACE Checkpoint, an Innovation Booth where vendors can sign up for quick pitches to ITF representatives and panel presentations from a range of speakers. Additionally, FTE's event organizers have asked ITF to design a think tank project focused on the future of airport security for this year's conference.

AIRPORT INNOVATION FORUM

Refreshing the Innovation Airport List in 2022

To continue fostering innovation in the field, ITF updated its list of innovation airports. Innovation airports are deemed best suited to host demonstration activities and are active members in the ITF Airport Innovation Forum (AIF). In January 2022, ITF disseminated an interest survey to current and prospective airports and examined multiple criteria to determine new and remaining innovation airports. Selection criteria included existing infrastructure and adjacent enabling technologies, responsiveness, ability to install solutions, sufficient training and staffing and ability to collect robust data. After evaluating all survey responses, ITF is pleased to announce that the AIF now consists of 19 innovation airports, including seven new innovation airports (CHS and MYR have combined as one innovation site).



Updated map of Innovation Airports

Airport Innovation Forum Q3 Briefing

On May 19, 2022, ITF held its third quarterly AIF briefing of FY 2022. The AIF FY22 Q3 meeting included several TSA, Requirements and Capabilities Analysis (RCA) and ITF updates. ITF kicked-off the meeting by explaining its reason for rebranding the AIF (previously Airport Innovation Council), which was to make it more of a collaborative discussion and increase the dialogue between TSA and the innovation airports. ITF also shared updates from the IDEA BAA Window 1 and provided an overview of ITF's problem statement intake strategy. Finally, ITF highlighted the upcoming industry exchange events for the summer of 2022.

This meeting also featured a presentation from Thruvision, who shared their on-person screening technology and provided attendees with a live demonstration. Thruvision leverages patented "Passive Terahertz Technology" to detect metallic and non-metallic threats that are hidden under clothing at distances up to 10 meters. This technology, which doesn't require individuals to "stop" or "pose", is operationally deployed in 23 countries around the world and is currently in use at Seattle-Tacoma International Airport, LaGuardia Airport and Los Angeles World Airports. The Q4 AIF meeting is expected to take place on August 25, 2022 and will include a vendor brief from Synect.

Please visit our website and social media accounts below to learn more information about how TSA is accelerating new technologies and solutions at checkpoints around the country.

