



# Innovation Task Force Fly By

Hello!

Welcome back to the Transportation Security Administration (TSA) Innovation Task Force (ITF) new sletter. ITF has been busy with the release of the sixth Broad Agency Announcement, planning its attendance at various conferences, and ITF 2.0 Operating Model kickoff and execution.

## UPCOMING SOLICITATIONS

### ***Broad Agency Announcement Update***

ITF recently released its sixth iteration of its Innovative Demonstrations for Enterprise Advancement (IDEA) Broad Agency Announcement (BAA). ITF has expressed interest in capabilities that would enhance the passenger experience, improve connectivity and detection, provide TSO and TSA workforce tools, and that use artificial intelligence or machine learning to automate more processes. The problem statements for 2021 are: System-of-Systems Data Integration, Networked Checkpoint and Checked Baggage, Universal Training Simulator Platform, and any other problem statements a vendor characterizes as a significant challenge to TSA.

ITF's BAA VI submissions were due on January 21, 2022. ITF's BAA VI received 38 submissions, and ITF is now working to conduct initial reviews prior to beginning the technical evaluation process.

### ***Industry Day***

On December 16, 2021, ITF hosted a virtual Industry Day on ITF's latest Broad Agency Announcement. The goal was to engage with vendors and provide industry stakeholders with information to strengthen their current and future BAA submissions. You can watch a recording of the event on [YouTube](#). This recording covers information on the submission process, the selected problem statements, information on vendor-identified solution categories, demonstration expectations, lab and field testing, and cybersecurity requirements. More information on the ITF BAA can be found on [sam.gov](mailto:sam.gov), and if you have any questions, please email [IDEA@tsa.dhs.gov](mailto:IDEA@tsa.dhs.gov).

## ACADEMIC AND INDUSTRY PARTNERSHIPS

### ***CES 2022***

The Consumer Electronics Show (CES) took place on January 5 - 8, 2022, in Las Vegas, Nevada. The Consumer Technology Association hosted the event, bringing together industries from around the world to demonstrate solutions and future technologies.

The ITF operated a booth within the Smart Cities sector in the North Hall of the Las Vegas Convention Center. The booth provided resources on how to engage with ITF and QR codes for our active BAA VI and BAA VI Industry Day.



*The ITF Booth at CES 2022.*

### **TSA-driven panel – The Future of Travel: Dynamic and Self-Screening Explained**

On Friday, January 7, TSA led a panel titled *The Future of Travel: Dynamic and Self-Screening Explained* with Matt Gilkeson, ITF Division Director, as the moderator; Austin Gould, the Assistant Administrator of Requirements and Capabilities Analysis (RCA); Karen Burke, the Federal Security Director of Nevada; and Ha McNeill, CEO of Pangiam Strategic Consulting. Panelists received questions focused on screening liquids such as water, data protecting and sharing with other components within the Department of Homeland Security, and TSA's path forward for Counter –

Unmanned Air Systems (C-UAS). CES 2022 conference participation, along with the TSA speaking panel, was a critical force in driving submissions to the ITF's sixth IDEA BAA and encouraging industry collaboration with ITF.



*From left to right, TSA ITF Director Matt Gilkeson, TSA RCA Assistant Administrator Austin Gould, Las Vegas Federal Security Director Karen Burke, Pangiam CEO Ha McNeill. On January 7, panelists from TSA and Pangiam discussed The Future of Travel: Dynamic and Self-Screening Explained at CES 2022.*

## **EDGE22 @ CES**

EDGE22 @ CES took place January 6 - 8, 2022, at the Park MGM Hotel in Las Vegas, Nevada. EDGE22 is a global technology event produced by the Government Business Executive Forum. The conference provided technology and mission leaders from around the world an opportunity to gather and discuss technological innovation trends and initiatives in government markets. Nearly 400 leaders from multiple government agencies, law enforcement, and major airports participated.

On Thursday, January 6 and Saturday, January 8, 2022, Austin Gould, the Assistant Administrator of RCA, participated in two sessions, engaging with government and industry representatives. Discussion topics included the Biometrics and Identity Management Roundtable where he provided an overview of the progress of biometrics and identity management and what TSA is driving toward, and C-UAS, explaining the importance of C-UAS programs for TSA's operational environment.

## **FTE GLOBAL 2021**

TSA ITF attended the Future Travel Experience (FTE), which took place December 7 – 9, 2021, at the ARIA Resort and Casino in Las Vegas, Nevada. FTE is an annual event that provides the aviation industry with opportunities to gather and discuss the advancement vendors and distributors have made to the travel experience. The event consisted of key speakers from TSA, a tour of the TSA Advancing the Checkpoint Environment (ACE) Innovation Checkpoint at Harry Reid International Airport (LAS), a TSA booth, quick pitch sessions, and a joint keynote session with U.S. Customs and Border Protection (CBP). ITF presented topics including the ACE Checkpoint, Biometrics & Digital Identity, next generation travel, and cybersecurity. This event gave ITF the opportunity to conduct market research, engage directly with vendors and other relevant stakeholders, and drive publicity and awareness for TSA, Requirements and Capabilities Analysis (RCA), and ITF.



*TSA RCA Executive Director of Capability Management and Innovation Melissa Conley and IDEMIA Executive Vice President for Travel and Transport Lisa Sullivan discuss seamless and secure travel during their December 9, 2021, workshop.*

*TSA RCA Assistant Administrator Austin Gould informs attendees about DHS collaboration between TSA and CBP during a Biometrics and Digital Identity Summit with CBP's Diane Sabatino on December 8, 2021.*

## **NEW CHANGES WITHIN ITF**

### ***ITF 2.0***

ITF completed the strategic alignment effort designed to increase the efficiency and effectiveness of ITF operations and demonstration activity and included the creation of the ITF 2.0 operating model. The goal of ITF 2.0 is to synthesize the best practices for innovation-driven growth by using customer-guided solutions, quick, iterative pilots with clear processes for scaling, executive buy-in and leadership support, and a culture of collaboration and experimentation.

ITF conducted a stakeholder assessment through interviews with innovation airports, TSA leadership, TSA HQ, and external vendors. ITF developed its new operating model based on a six-phase innovation lifecycle that outlines key practices for aspiring, discovering, selecting, demonstrating, scaling and mobilizing innovations.

One of the six phases, aspire, seeks to set a bold strategy and goals for innovation and establish targets that are cascaded across the organization. ITF has developed two aspire goals that align with the Administrator's Intent and are sponsored by the TSA Chief Innovation Officer. They will focus on organizational clarity, informing portfolio decisions, increasing leadership buy-in, and aligning the organization, leveraging TSA's guiding documents.

### ***Refreshing the Innovation Airport List in 2022***

ITF currently engages with local TSA and airport authorities at 14 designated innovation airports. The utilization of the innovation airports enables TSA to internally advance requirements development and provide our industry partners with necessary information to tailor technology development to TSA's most pressing needs. TSA is currently looking to streamline the available list of innovation airports and is examining multiple criteria as part of a refresh process. This includes looking at the number of demonstrations an innovation airport has conducted as well as the contributions to the Airport Innovation Council quarterly touchpoints. A revised list of ITF innovation airports will be published in the coming months.

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