



TSA RCA Innovation Task Force



RCA | REQUIREMENTS &
CAPABILITIES ANALYSIS

The Innovation Task Force

Founded in 2016, ITF was initiated and championed by TSA out of a need heard from industry to better understand the operational environment earlier in the development cycle and from TSA to better define requirements to close capability gaps in partnership with stakeholders.

Our Mission

Foster innovation by integrating key stakeholders to identify and demonstrate emerging solutions that increase security effectiveness and efficiency, improve passenger experience and the flow of commerce, and deliver solutions that secure the freedom of movement throughout the nation's transportation system.

Collaborate

Convene the aviation security ecosystem to identify and demonstrate solutions

Demonstrate

Establish the capability for TSA to quickly demonstrate innovative solutions

Assess

Measure solution effectiveness to achieve the optimized future state and provide vendors with data to improve solutions

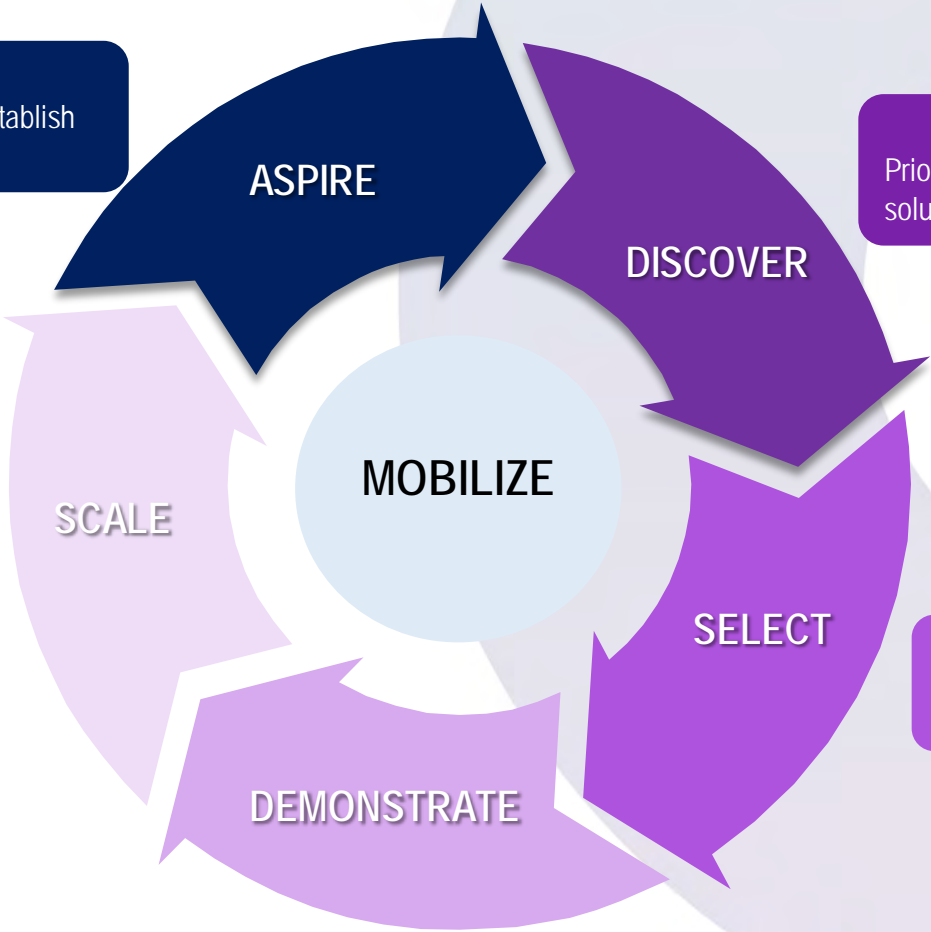


ITF 2.0 INNOVATION LIFECYCLE

MOBILIZE
Define stakeholder roles and governance processes and inspire a culture of experimentation

ASPIRE
Set a bold strategy and goals for innovation and establish targets that are cascaded across the organization

DISCOVER
Prioritize customer needs, source problems, and potential solutions from multiple channels



SCALE
Remove roadblocks to successfully transition projects, set up documentation to support solutions as they scale into the operational environment

SELECT
Align portfolio pipeline with innovation strategy, balance for time and risk and resource based on milestones

DEMONSTRATE
Test with 75% solution and frequently iterate, create cross-functional teams with clear leaders

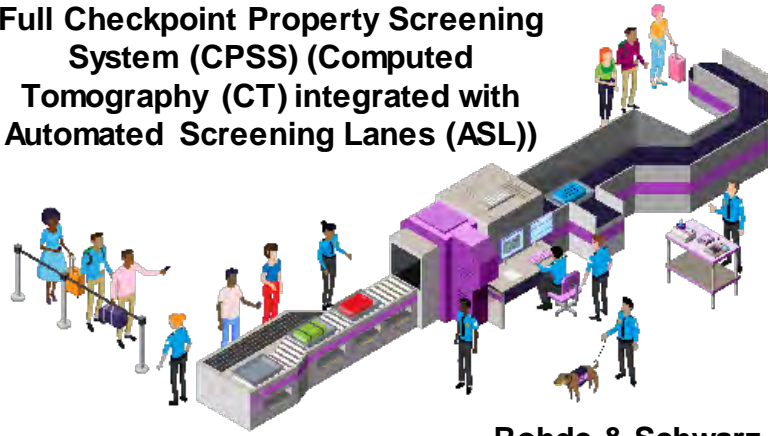


ACE Innovation Checkpoint Reopening

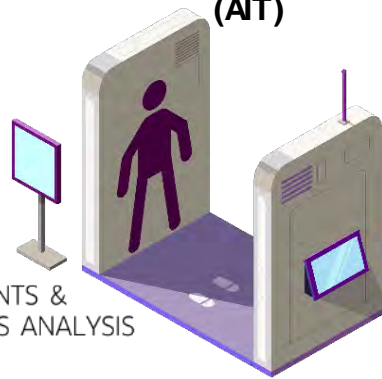
After months of remodeling during the pandemic, TSA's Innovation Checkpoint at McCarran International Airport (LAS) **officially reopened to the public on June 10, 2021**. Upon reopening, several innovative technologies, including the ones shown below, were demonstrated at the Innovation Checkpoint.

Deployed at the Innovation Checkpoint

Full Checkpoint Property Screening System (CPSS) (Computed Tomography (CT) integrated with Automated Screening Lanes (ASL))



Rohde & Schwarz Enhanced Advanced Imaging Technology (AIT)



Digital Signage



To be Deployed at the Innovation Checkpoint

Credential Authentication Technology-2b (CAT-2b) and AutoCAT



Customer Movement Analytics



Sabel STORM

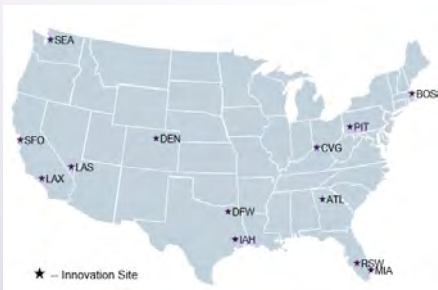


Problem Statements Development and Engagement

ITF Sixth BAA

In the late 2021, ITF plans to release our sixth BAA. ITF is currently engaging RCA to define problem statements that support Capability Manager's roadmaps and address the current capability gaps. Depending on the technology readiness level of the solution, ITF will look to use for demonstration:

- Operational environment
- Innovation Test Bed - TSIF



Operational Environment
– Innovation Airports



Innovation Test Bed -
TSIF

Airport Innovation Council

In October 2020, ITF stood up the Airport Innovation Council (AIC) that encompasses all members of the fifteen Innovation Airports located across the U.S. The AIC conducts quarterly meetings to provide a forum for streamlined updates and inter-site collaboration across airports and TSA Headquarters and educate innovation sites and their airport authority partners on ITF demonstrations, new technologies coming to the field and TSA capabilities.

Innovation Sites White Board Session

On August 26th 2021, ITF facilitated a white boarding session with the Innovation airports focused on **passenger journey map** leveraging the established ITF-developed problem statement development process. Input from this session may be used to develop problem statements for the upcoming BAA.



THANK YOU.

Innovation Task Force

tsa.gov/itf

innovationtaskforce@tsa.dhs.gov