



CASE STUDY

ADS Played an Integral Role in Operational Testing & Evaluation to Airports Around the U.S.

OVERVIEW

ADS was hired as a Tier 1 subcontractor to provide Operational Test and Evaluation services to the Department of Homeland Security (DHS) / Transportation Security Administration (TSA).

THE CHALLENGE

The client must determine whether a Checkpoint or Checked Baggage TSE is operationally effective, cyber resilient, and suitable. This appraisal is necessary for new or upgraded TSE's (critical infrastructure) that are under consideration for acquisition procurement. There are numerous TSE's that need to be evaluated at all classes of airports. The challenge is to plan, report and execute these tests in such a way as to provide meaningful real-time data. The collected data is used for modeling and simulations to identify gaps/risks between a TSE's performance and its functional requirements.

THE SOLUTION

Since 2006, ADS has supported numerous OT&E events as a Tier 1 Subcontractor. Working closely with all stakeholders, ADS conducted countless test events on a variety of TSE's for the Checkpoint Solutions and Integration Division (CSID) and Checked baggage technologies Division (CBTD). ADS was involved with all phases of the testing life cycle: planning, execution & analysis and reporting. OT&E events were performed on-site at all classes of airports which ranged from 2 days to 2 months. ADS successfully supported stakeholders by:

- Providing technically experience personnel to perform during the various phases of OT&E.
- Maintaining a cache of TSA-vetted surge personnel to support concurrent tests at multiple locations.
- Delivering daily written data reports, test plans prior to operational testing & required briefings & data analysis to TSA leadership & other stakeholders.
- Providing outstanding ability to analyze end user requirements & potential improvements in coordination with logistics teams at TSIF.



CONCLUSION

Our support of Operational Testing Activities enabled TSA to validate whether new/upgraded TSE performed as intended and provided vital information for each phase of their acquisition strategies. ADS also helped in determining changes to the Standard Operating Procedures (SOP) used by Transportation Security Officers.

