



AUTONOMOUS DECISION MAKING BY SCREENERS

Benefits, Risks and Challenges – Is It Worth it?

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Autonomous TSOs – So What? Why do we care?

- **Greater TSO autonomy over some SOP implementation can yield benefits to TSA and to passengers but poses risks. We should assess the tradeoffs.**
 - Key examples: assessing passenger risk, applying Risk-Based-Screening to low- and high-risk passengers and alarm resolution decision making autonomy.
- **It works in Israel leading to the following benefits**
 - Israeli TSOs assess passenger risk and apply SOP sections based on risk assessments
 - Israeli society, army service and Israeli TSO selection, hiring, training, managing (scale!)
 - Security effectiveness improvement
 - Operational efficiency and cost savings
 - Better passenger experience (for most passengers but not for high-risk passengers)
 - Workforce performance (compensation, affinity to job, giving TSOs the right tools, vigilance).
- **Risks and Challenges**
 - Security vulnerabilities due to SOP adherence vs. Gut feeling, Pd vs. Pfa
 - Operational inconsistencies (are we prepared to accept consequences of human error?)
 - Varied passenger experience (Security vs. Privacy / Civil Rights)
 - Legal exposure (organizational resiliency)
 - Required cultural paradigm shift can be challenging
- **Recommendations to TSA**
 - The Israeli system cannot be applied to all airports / TSOs but could be applied to a subset.
 - A limited scope pilot program to assess applicability, measure benefits and assess risks