



NATIONAL SAFE SKIES ALLIANCE

Program for Applied Research in Airport Security

PARAS 0064 Project Summary

Project Title:	AI in Airport Security
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Research Agency:	Mead & Hunt
Principal Investigator:	Royce Holder
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BACKGROUND

The use of artificial intelligence (AI) by law enforcement and security professionals is rapidly expanding. Analytic solutions and predictive software offer a range of expanded security capabilities and increased operational efficiencies at airports. However, the opportunities and capabilities offered by AI are not without challenges and require responsible oversight. To enable informed decision making, it is essential that airport operators understand the basic functional elements of AI, its potential uses in airport security, and the associated considerations for deploying such technologies.

OBJECTIVE

The objective of this research is to create a consolidated information resource to enable informed decision making for AI use in airport security. At a minimum, the final deliverable should address:

- Overview of AI functionality, processes, and terminology
- Relevant airport applications
- Developing a business case
- Potential risks of AI use
- Data management, integration, and infrastructure considerations
- Privacy, legal, and regulatory considerations
- Deployment considerations
- Recommendations for future research

The resulting guidance should be applicable to airports of all sizes.