

Robert A. Kalka Metropolitan Skypport: Executive Security Briefing



TEAM-XX



Agenda

01 Introduction



02 Executive Summary



03 Compliance



04 Recommendations



05 Conclusion



Introductions



Executive Highlights: Results

15+

TOTAL VULNERABILITIES
DISCOVERED

10+

NEW VULNERABILITIES
DISCOVERED

11

HOSTS COMPROMISED

\$89.2m

POTENTIAL LOSSES IN
FINES

40+

REGULATION
VIOLATIONS

70%

Percentage of Systems

Executive Summary: Objectives

General Security

Assess the adherence to the comprehensive practices in order to maintain the overall security posture

Data Integrity

Assess the integrity of business operations, as well as company, customer, and employee data

Safety

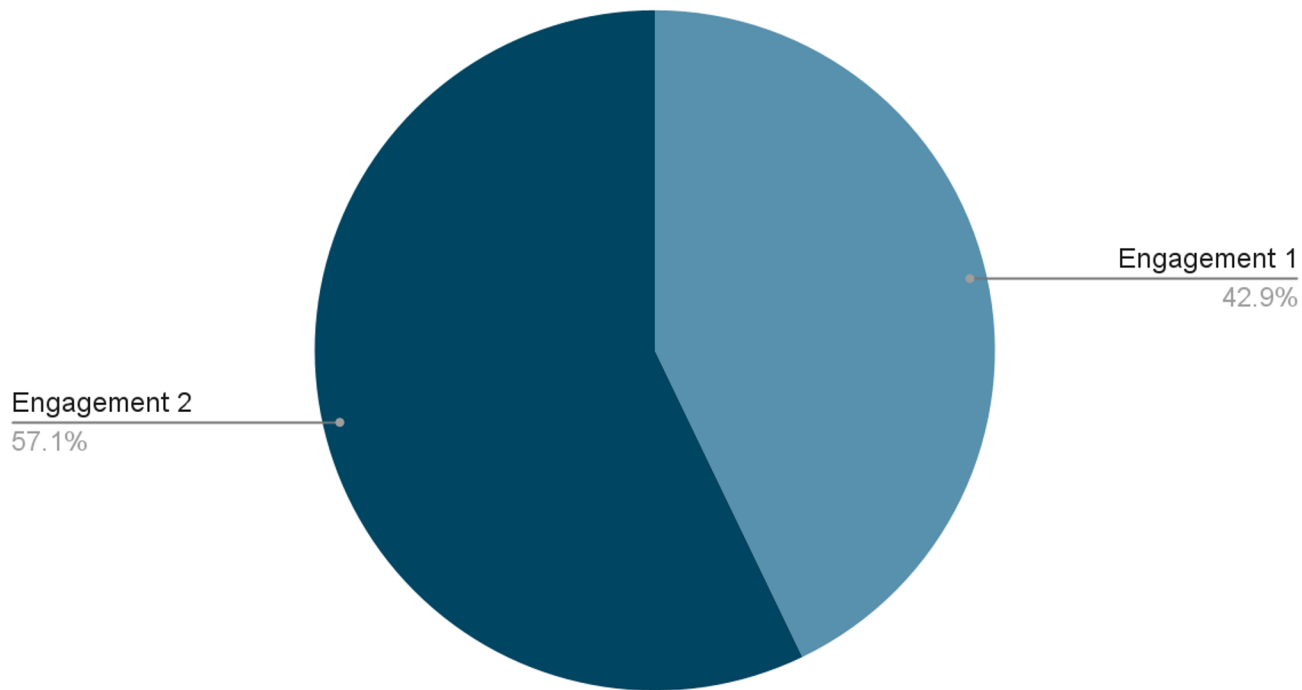
Assess the safety of customers and employees during routine airport functionalities

Compliance

Verify compliance with various compliance frameworks including NIST and CISA

Executive Summary: Vulnerabilities

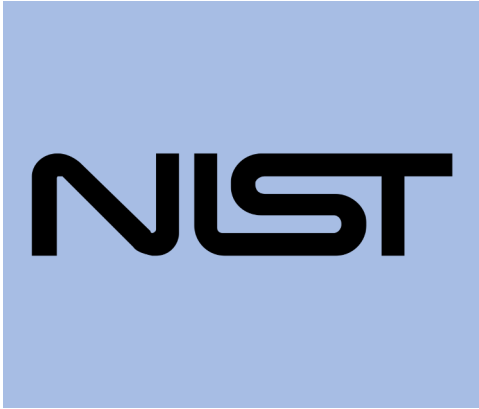
Assessment Overviews



Executive Summary: Risk Metrics

	Impact			
Likelihood	Low	Medium	High	Critical
Low	Low	Low	Medium	Medium
Medium	Low	Medium	High	High
High	Low	Medium	High	Critical
Critical	Low	Medium	Critical	Critical

Compliance



**TSA calls upon NIST for the Information
Security Standards: NIST SP 800-53 Rev. 5**



**Center for Internet Security
CIS Benchmark for CIS Amazon Web Services
Foundations Benchmark v1.4.0**

Recommendations: Areas for Improvement

PASSWORD REUSE

Implement a zero-trust architecture

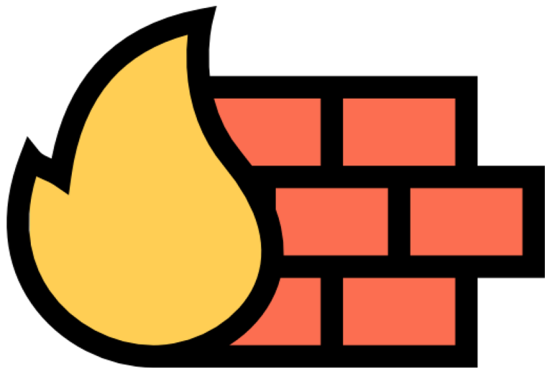
POOR AUTHORIZATION SCHEMES

Implement the principle of least privilege

DATA INTEGRITY

Implement strong access controls to restrict data

Recommendations: Key Strengths



Firewalls



Strong Password Policies

**Thank you for your
time!**



Questions?