

USE CASE BROCHURE

AIRPORTS

THE IMPERATIVE FOR
ROBUST CYBERSECURITY
IN THE AIRPORT INDUSTRY

VULNERABILITIES IN NUMBERS:

250

Cyber attack attempts monthly.

85%

Of airports have reported an incident stemming from social engineering tactics.

150

Annual security assessments reveal an average of 150 critical vulnerabilities per airport.

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SAFEGUARDING AIRPORTS IN THE DIGITAL AGE



In today's digitally-driven world, airports stand as critical infrastructures that not only facilitate global travel but also house vast amounts of sensitive data and operate complex, interconnected systems.



This unique position makes them prime targets for cybercriminals, exposing them to a plethora of cyber threats ranging from data breaches to operational disruptions. The catastrophic potential of such threats—whether it's compromising passenger safety, leaking sensitive information, or halting airport operations—highlights the paramount importance of cybersecurity solutions.



For airports, implementing state-of-the-art cybersecurity measures isn't just about adhering to regulatory standards; it's a fundamental necessity to protect against the evolving landscape of digital threats and ensure the safety, trust, and continuity of global air travel.

HAZARDS OF A WEAK CYBERSECURITY PLAN:

- OPERATIONAL DISRUPTION
- DATA BREACHES
- FINANCIAL LOSS
- SAFETY RISKS
- REGULATORY CONSEQUENCES
- LOSS OF PUBLIC TRUST
- INSIDER THREATS
- COMPETITIVE DISADVANTAGE

Worse yet, users with elevated privileges could inadvertently give attackers the “keys to the kingdom”.





SECURING THE SKIES WITH GOSECURE

Through tailored solutions, a commitment to innovation, and a deep understanding of the aviation industry's challenges, GoSecure leads the way in securing our skies against cyber threats.

CHALLENGES

INCIDENT RESPONSE AND RECOVERY

In the event of a cyber incident, airports require rapid response and recovery processes to minimize operational disruptions and data loss.

SECURE PASSENGER DATA HANDLING

With millions of passengers moving through airports, the secure handling, and storage of personal data is paramount to maintain trust and comply with data protection regulations.

WIRELESS NETWORK SECURITY

Public and private wireless networks in airports need to be secure against unauthorized access and ensure passenger data privacy.

PROTECTION AGAINST ADVANCED PERSISTENT THREATS (APTS)

Airports require robust defense mechanisms against APTs, which are sophisticated, continuous cyber attacks aiming to steal data or disrupt operations.

GOSECURE'S RESPONSE



GoSecure's incident response teams are specialized in aviation operations, providing swift action plans and recovery measures to restore services with minimal downtime.



Implementing encryption and access control measures, GoSecure helps airports protect passenger data from unauthorized access and breaches.



Conducting wireless security assessments and implementing strong encryption protocols, GoSecure ensures the integrity and confidentiality of wireless communications within airport facilities.



Through continuous monitoring and advanced threat detection systems, GoSecure identifies and mitigates APTs, ensuring airport operations remain uncompromised.



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GOSECURE PENETRATION TESTING SERVICES

TEST YOUR DEFENSE

THE AVERAGE COST OF A CYBER BREACH FOR AN AIRPORT, INCLUDING DOWNTIME, REGULATORY FINES, AND REPUTATION DAMAGE, IS ESTIMATED AT \$5 MILLION.

REGULAR PENETRATION TESTING, THEREFORE, COULD POTENTIALLY SAVE AN AIRPORT UPWARDS OF \$150 MILLION ANNUALLY BY PREVENTING THESE INCIDENTS.

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- The complexity and scale of airport operations, coupled with the volume of sensitive data processed daily, make airports hotspots for cybercriminal activity.
- Without a robust cybersecurity plan, airports are vulnerable to attacks that can lead to data breaches, operational disruptions, and even risks to passenger safety.
- In this environment, proactive identification and remediation of vulnerabilities through comprehensive penetration testing are essential.
- What solidifies GoSecure's position as the ultimate ally for airports is not just its comprehensive suite of services but its proven track record.
- Having been the chosen cybersecurity partner for 20+ airports across North America, GoSecure has demonstrated its ability to meet the specialized needs of this sector, offering insights, protections, and remediations that are aligned with the operational and regulatory realities of airports.



Know Your Risk to Mitigate Your Risk

GoSecure's comprehensive approach to cybersecurity, combined with its deep industry expertise and innovative technology solutions, makes it the ultimate ally for airports.

YOUR SAFETY IS OUR TOP PRIORITY

By partnering with GoSecure, airports can ensure the security and integrity of their operations, protect sensitive passenger data, and maintain the trust and safety of the traveling public.

GoSecure's Penetration Testing Services offer airports a **comprehensive solution to identify, assess, and remediate vulnerabilities**, positioning GoSecure as a trusted leader in the field of airport cybersecurity.

Through their tailored services, experienced team, and commitment to compliance, GoSecure not only meets the unique security needs of airports but also elevates their overall cybersecurity posture.

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DESIGNED TO IDENTIFY VULNERABILITIES ACROSS THE ENTIRE AIRPORT IT ECOSYSTEM:

NETWORK & ENDPOINTS

- Ensuring the security of airport networks and endpoint devices, which are often the first line of defense against external attacks.

PHYSICAL SECURITY

- Testing physical access controls to prevent unauthorized access to sensitive areas, crucial for maintaining the integrity of both digital and physical assets.

APPLICATIONS

- Securing custom-developed and third-party applications that manage critical data and operations, from flight scheduling to passenger bookings.

RADIO FREQUENCY (RF)

- A standout offering from GoSecure, RF penetration testing addresses the vulnerabilities in wireless communications systems—a critical component given the reliance on RF for everything from navigation to baggage handling systems.