

Assura's Cybersecurity Risk Management Services Bring an International Airport Up to Speed

ASSURA™

Cybersecurity uncompromised.

Challenge:

Without security risk and compliance management, companies and agencies of any size can be the victims of phishing, ransomware, and other schemes.

Yet despite data showing such cyberattacks increasing in frequency and severity, an alarming number of U.S. enterprises lack sufficient (or even basic) cybersecurity protocols. Security compliance audits, in which a third party assesses whether an organization's systems and practices can withstand potential threats, have arisen to help nonspecialists understand and address their vulnerabilities.

Such an audit revealed to an international airport on the East Coast that it had no cybersecurity policies or protocols in place. To address this oversight, the airport's administration quickly composed and released an RFP, which Assura soon won.

Solution:

From the outset, our team recognized the scope of the client's request thanks to our understanding of their IT environment, business challenges, and operational profile. Consequently, we tailored the client's cybersecurity policies to suit their needs and capabilities. Our expertise became an asset when the client realized they lacked the in-house resources to implement the policies and brought us back on board to do so.

We employed Virtual ISO®, Assura's fractional CISO service, to help the airport plan, implement, and sustain the cybersecurity program outlined in our proposal. Throughout this process, our work consistently met the requirements outlined by the Transportation Security Administration (TSA), National Institute of Standards and Technology (NIST), and Payment Card Industry Data Security Standard (PCI DSS).

Our proposed cybersecurity program is now in place, and our 24/7/365 Security Operations Center (SOC) uses our Security Monitoring and Response (Managed SIEM) service to monitor, investigate, and respond to cyberattacks. The SOC also leverages Assura's Vulnerability Management Services (VMaaS) to identify potentially exploitable weaknesses in the airport's networks and applications, which their IT team can then remediate.

Results:

Assura now operates as the client's trusted cybersecurity advisor. The airport has not received a single cybersecurity-related audit finding since we began our work thanks to AuditArmor® Audit Defense service, which guarantees our work complies with applicable laws, regulations, and standards. With the AuditArmor® service, all this client must do is notify the Virtual ISO® that an audit is coming, and our team can help to pull together relevant materials and defend the program.

Moreover, our security measures have withstood tests in the field:

Our team detected and investigated nearly 9000 cyberattacks, during one quarter of 2024 without a single breach or system failure.

The Big Picture

The long-term impacts of Assura's work for the client cannot be overstated. The airport's ability to deliver a world-class passenger experience hinges on advanced technologies and robust, compliant cybersecurity. The parking system in particular, a high-traffic transaction point, demands rigorous compliance with PCI DSS standards to protect customer payment data. Yet our solutions have fulfilled that need, and as the organization has hit growth goals and seen revenue and operations expand, we've kept up with its need for scalable security protocols.

Cyberattacks pose an existential threat to this client, yet Assura's work has reinforced confidence in the airport's services by protecting the airport's travelers and businesses. The measures we've implemented ensure the organization remains a reliable travel hub and a regional economic engine.

Looking ahead, Assura will continue to protect the airport's digital infrastructure, enabling it to thrive as a premier travel destination and driver of economic progress.



Get in touch.

Email info@Assurainc.com
or call 855-9NOHACK.

Assura's Popular Services:

Fractional CISO, Risk Assessment, Penetration Testing, Security Monitoring and Response, Audit Defense, Extended Detection and Response, Cyber Emergency, Security Awareness and Training, Multifactor Authentication, Continuity Planning, GRC, Disaster Recovery

Assura provides innovative cybersecurity advisory and managed services to clients for all industries including government, healthcare, financial, manufacturing, and transportation. Our unique capabilities include tying together risk-based cybersecurity with sustainable compliance and developing inventive technical solutions for our clients. © Assura Inc. All rights reserved. **Learn more at www.Assurainc.com.**