



International
Civil Aviation
Organization

Organisation
de l'aviation civile
internationale

Organizacion
de Aviación Civil
Internacional

Международная
организация
гражданской
авиации

منظمة الطيران
المدنى الدولى

国际民用
航空组织

File Ref.: AS 23/1 & AN 7/36 – 23/198

14 September 2023

**Subject: Cybersecurity and Resilience Symposium
(Doha, Qatar, 6 – 8 November 2023)**

Action required: Reply no later than 06 October 2023

Sir/Madam,

I have the honour to inform you that the Cybersecurity and Resilience Symposium will be held in Marriot Marquis Hotel, Doha, Qatar, **6 - 8 November 2023**. The Symposium will be kindly hosted by Qatar Civil Aviation Authority (QCAA).

Your Administration/Organization is kindly invited to participate in this Symposium. The Agenda of the Symposium is at **Attachment A**.

The Symposium is a multi-disciplinary event that will bring together States, International Organizations, Industry and other relevant stakeholders. The objective of the Cybersecurity and Resilience Symposium is to promote ICAO Cybersecurity Strategy and action plan and provide guidance to States in building national Aviation Cybersecurity framework.

As this Symposium will address a multi-disciplinary audience, I shall be grateful if you could ensure that your delegation consists of experts from regulators, aviation security, facilitation, air navigation service providers, airports, airlines and law enforcement agencies, having the required qualifications, technical knowledge and experience in the subject matter under consideration.

The detailed Work Programme and the Bulletin of the Symposium that includes administrative arrangements and other useful information for participants, including the Hotel List will be provided at a later stage.

I would appreciate if you could, as soon as possible, preferably not later than **6 October 2023**, confirm the participation of your Administration/Organization giving the names and contact details of your delegate(s), by submitting the Nomination Form at **Attachment B** to the following email address (icaomid@icao.int).

Accept, Sir/Madam, the assurances of my highest consideration.



for/ Mohamed Abubaker Farea
Regional Director
ICAO Middle East Office

dk/MN

Attachments

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International Civil Aviation Organization

Cybersecurity and Resilience Symposium

(Doha, Qatar, 6 – 8 November 2023)

PROVISIONAL AGENDA

Session 1: Introduction and Opening

- ICAO Assembly Resolutions related to Cybersecurity
- ICAO Cybersecurity Strategy & Action Plan
- Regional Developments on Cybersecurity

Session 2: Cyber-attack Governance and effective Legislation and Regulations: a path to Cyber maturity

The Panel will discuss the need for national governance and coordination with competent national authority for cybersecurity. The panel will address the necessity of formulating effective legislation and regulations at State's level.

Session 3: Aviation Cybersecurity Framework: to enhance the resilience of aviation infrastructure against cyber threats

The Panel will showcase instances of real cyber-attack against airports, airline, Air Navigation systems and their impact on safety and service disruption. The Panel will discuss Cybersecurity frameworks with the focus on Cybersecurity risk management and threats and vulnerabilities identification. The panel will showcase best practices designed to protect critical aviation infrastructure and assets from cyber threats.

Session 4: Effective Cybersecurity Intelligence and Monitoring Techniques: to mitigate Cyber-attack impact

The Panel will highlight the necessity of information sharing on Cybersecurity vulnerabilities, threats, events, and best practices, to reduce the impact of ongoing attacks. The Panel will address the need to develop incident management mechanisms for Cyber-attack and including cybersecurity in national contingency planning. The panel will deliberate effective monitoring tools including establishment of Security operation centers (SOC)

Session 5: Emergency Response and Contingency Planning

The Panel will bring together best practices, knowledge and experience related to contingency plans and emergency response in order to help States developing a formal emergency response plan that documents the orderly and efficient transition from normal to emergency operations and return to normal operations.

Session 6: Safeguarding Aviation: Industry Perspective

The Panel will explore vendors' perspective on Cyber resiliency and how readily technologies and services can be applied to meeting cyber resiliency goals and objectives.

Session 7: Human Factors in Cybersecurity

Many recorded cyber-attacks have successfully beaten technical security solutions by exploiting human-factor vulnerabilities related to security knowledge and skills and manipulating human elements into inadvertently conveying access to critical industrial assets. The panel will address the need to build cybersecurity culture as well as the critical role of cybersecurity skills development and capacity building to strengthen cyber resilience.

Session 8: Aviation Cybersecurity: Emerging Challenges and Solutions

In the past decade, technology has reached exponential advancement with rising growth in cybersecurity problems. The Panel will address means to manage this complexity and improve the safety and efficiency of flight operations, the air navigation system and build upon the use of emerging technologies, connectivity, and digital information exchange to increase integration, automation, and cost-effectiveness.

**INTERNATIONAL CIVIL AVIATION ORGANIZATION
MID REGIONAL OFFICE**

CYBERSECURITY AND RESILIENCE SYMPOSIUM

(DOHA, QATAR, 6 – 8 NOVEMBER 2023)

NOMINATION FORM

Name in full: _____
Mr. / Mrs. / Ms. (as should appear in the official listing and name tag)

Title or Official Position: _____

State/Organization: _____

Telephone Number: _____

Mobile: _____

E-mail: _____

Hotel: _____

Date: Signature:

After completing, please send to: ICAO MID Office at the following e-mail address: (icaomid@icao.int).

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