



Aviation Partnership Project Workshop on Cyber Security in Aviation



Workshop 3: The implementation plan for the cybersecurity strategy

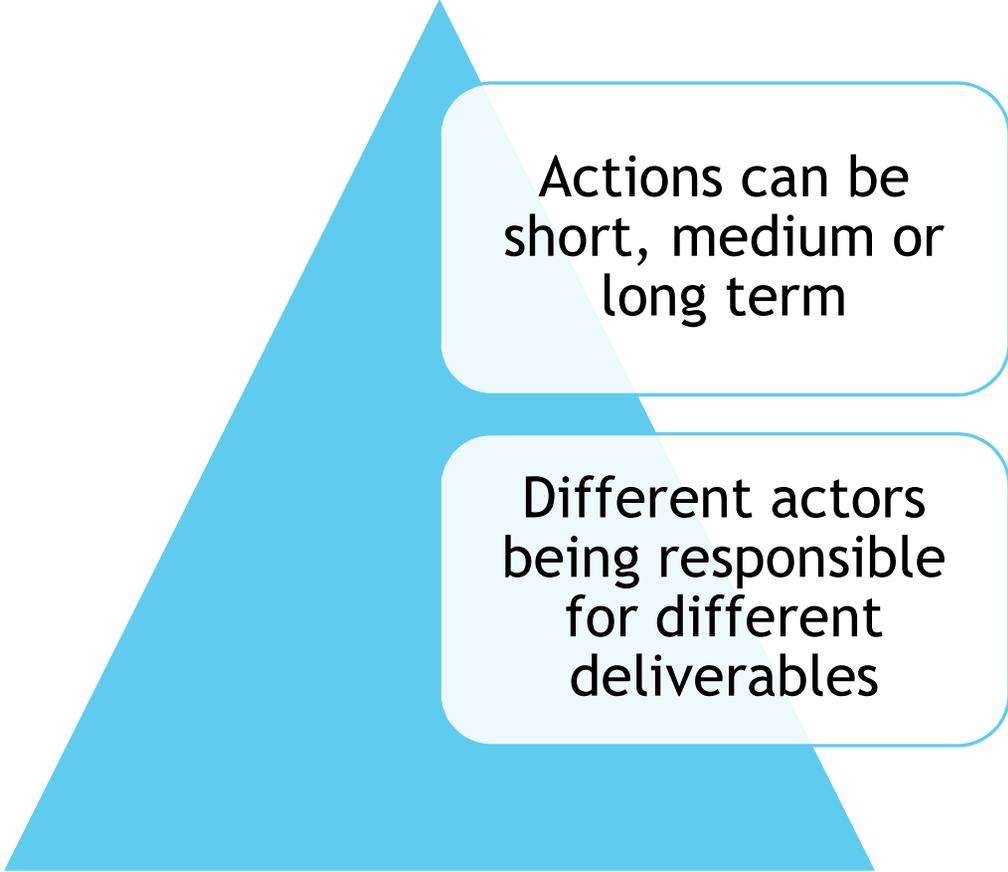
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Cybersecurity Strategy Action Plan

Support for the adoption of the Strategy.

foundation for States, industry, and ICAO to work together

Based on principles and actions to achieve the objectives



Actions can be short, medium or long term

Different actors being responsible for different deliverables



Benefit of the action plan

a strong
cybersecurity
framework

strengthen the
civil aviation
system

framework for
cooperation

beneficial to the
entire global
aviation
community.

The action plan takes into consideration

- the difference in cyber measures between States
- aims at creating various measures with no country left behind
- Minimum harmonisation across all pillars

International cooperation

- ▶ Development of common terminology to allow all aviation stakeholders to understand each other.

ICAO

Short 2020

- ▶ Promotion of international and regional events for cybersecurity in civil aviation

ICAO

Long 2026

Governance and accountability

- ▶ States to put in place processes and identify specific cybersecurity in civil aviation responsibilities.

Member States

Short

- ▶ Ensure coordination between civil aviation authority and cyber security authority

Member States

Short

Cybersecurity policy

- ▶ Identify and evaluate cyber risks to civil aviation
- ▶ Develop some use cases for the highest cyber risks

ICAO States Industry

Short

- This will help the aviation community in identifying:
 - Gaps in regulations
 - raise awareness about those cyber risks
 - new mitigation measures
 - SARPS evolution

Incident management and emergency planning

Development of incident management and emergency planning

make use of existing contingency plans
- amend to include provisions for cyber security.

ICAO, States
and industry

ICAO, States

Capacity building, training and cybersecurity culture and education

- Develop training and cybersecurity culture
- developed from the senior level management down
- just-culture to enable reporting of occurrences that resulted from unintended behaviour

Effective legislation and regulation



Conclusion on Action Plan

It will bring together states, industry and other stakeholders

in a holistic and coordinated effort

to address cyber security challenges.

Through concrete actions

Thank you

