Panel 3: Sharing of operational information

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Information sharing

A means to meet 'built-in' and 'resilience' objectives

Enables the development, operation and adjustment of the civil aviation sector defence against known and emerging security threats

- **Situational awareness** in both normal, day-to-day operations and a crisis or event,
- **Operational and tactical risk management** in anticipation of and response to a threat,
- **Strategic planning** to build capabilities that strengthen cyber-security and resilience for the future.

Information sharing

Identify and protect

… a means to design and operate coordinated and effective defence strategies

- Overall awareness
- Threat intelligence for risk assessment
- Implementation of coordinated defence strategies
- Shared best practices

Information sharing

Detect, respond and recover

… a means to timely react and recover to/from security event/ incidents

Anticipate &
Augment Preparedness

Reduce operational impact
& recovery time

Prevent propagation effects

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*From Eurocontrol Aviation Intelligence Unit Think Paper#3 2019

Information sharing

Challenges

- **Information sharing shall serve a purpose and shall not be treated as a check box and become a source of noise**
  - **Information sharing organizations need to :**
    - Clarify and agree, with the other information sharing parties, on the information needed to be exchanged to support effective and efficient risk management
    - Understand what can be shared from a legal, compliance and business perspective
- **Development of frameworks for the sharing of information having the following properties**
  - Confidence between the entities sharing information
  - International by essence
  - Ensuring timely information security flows within and between civil aviation organizations
  - Ensuring exchange of information with other sectors sharing similar concerns

Information sharing

Support the ongoing industry lead initiatives

EUROCAE Technical Programme Manager

Anna Guégan

WG-72 leadership

Chair: Cyrille Rosay (EASA)

Secretary: Clive Goodchild (BAE Systems)

Joint with RTCA SC-216

Chair: David Pierce (GE

Secretary: Sam Masri (Honeywell)

WG-72 SG 2

ED-205A
Security Certification and Declaration of ATM ANS Ground Systems

To be launched

WG-72 SG 3

ED-XXX
SECURITY EVENT MANAGEMENT (ISEM)

ED-204A
CONTINUING AIR WORTHINESS

WG-72 SG 4

ED-201A
AERONAUTICAL INFORMATION SYSTEM SECURITY (AISS) FRAMEWORK GUIDANCE