CYBERSECURITY AND RESILIENCE SYMPOSIUM | PROTECTING AVIATION FROM CYBER ATTACKS

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ICAO MID

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CIVIL AVIATION AUTHORITY
QATAR قطر

Frameworks, reality and building success

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What is it that we are trying to achieve?

- Understand the nature of the risk
  - What is it that could be attacked?
  - By who?
  - With what impacts?
- What is an acceptable level of risk?
- Across what scope and stakeholders?
- Who is responsible and / or accountable?
- With what resource and across what timescale?

The bigger picture

- What's the Vision and Objectives?

- How do all the threads come together?
  - From International > National > Individuals
  - Context, empowerment and creativity

- What are the levers to drive change?
  - Legislation / Mandated Minimums
  - Central mandates scale
  - "Build it and they will come"……
  - Making the right thing to do, the easy thing to do….

What timescale are we working to?

- "We need to research"

- "We need to invest in"

- "We need to find out"

- "We need to patch"

- "We need to decide what to do about the ransomware attack"

How do we measure success?

- Create natural feedback loops

- Long- and short-term goals

- The criticality of objectivity
  - The strength of public / private collaboration

- Must have people and process in place for an ongoing understanding of risk