



FROM DDoS TO TAKEOFF: HOW TO PREPARE FOR THE UNEXPECTED IN THE DIGITAL AGE

1

Leadership in aviation today means seeing beyond the visible—anticipating threats, embracing innovation, and building a safer, smarter, and more resilient future together. Daniel Meléndez, Colombia, May 5th, 2025

AVIATION IN THE DIGITAL CROSSHAIRS: ICAO'S CYBERSECURITY VISION

**CYBERSECURITY
ACTION PLAN**

**SECURITY
BY DESIGN**



**ICAO'S INTEGRATED APPROACH TO CYBERSECURITY
IN AN INTERCONNECTED AVIATION ERA**

2

Leadership in aviation today means seeing beyond the visible—anticipating threats, embracing innovation, and building a safer, smarter, and more resilient future together. Daniel Meléndez, Colombia, May 5th, 2025

WHEN EVERY SECOND COUNTS...



Are we built to respond in real time—or only to analyze the past?
What capabilities must we build to anticipate—not just react?

AI AS THE SILENT CO-PILOT OF DIGITAL RESILIENCE.

3

Leadership in aviation today means seeing beyond the visible—anticipating threats, embracing innovation, and building a safer, smarter, and more resilient future together. Daniel Meléndez, Colombia, May 5th, 2025

THE REAL RISK IS NO LONGER WHAT WE SEE...



What invisible risks are we currently overlooking on our operational radar?

IT'S NOT JUST ABOUT SEEING FASTER...

CYBERSECURITY
ACTION PLAN

BAGGAGE
HANDLING



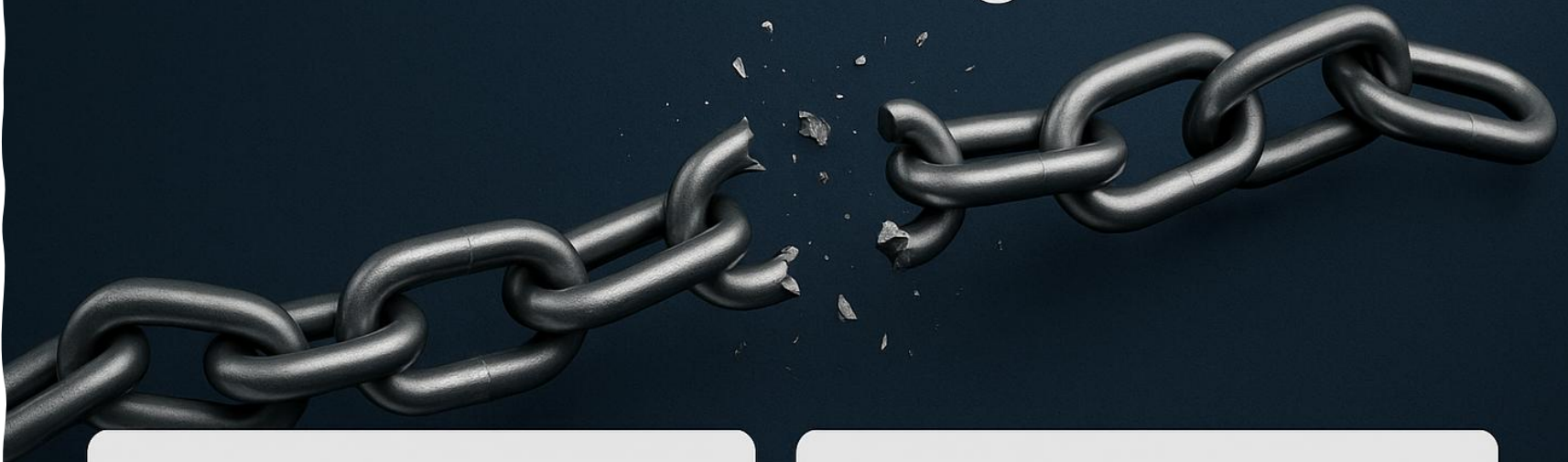
SECURITY
BY DESIGN

WHERE COULD AI SUPPORT REAL ORGANIZATIONAL LEARNING INSTEAD OF STATIC REPORTING?

5

Leadership in aviation today means seeing beyond the visible—anticipating threats, embracing innovation, and building a safer, smarter, and more resilient future together. Daniel Meléndez, Colombia, May 5th, 2025

To Lead the New Aviation Era, We Must Break Old Paradigms...



What obsolete belief is silently limiting our strategic conversations ?

What small but powerful practice could we start today to break those patterns?

LET'S NOT JUST FLY HIGHER. LET'S FLY SMARTER.

CYBERSECURITY
ACTION PLAN



Who will lead this transformation — and
who will be left waiting?

7

Leadership in aviation today means seeing beyond the visible—anticipating threats, embracing innovation, and building a safer, smarter, and more resilient future together. Daniel Meléndez, Colombia, May 5th, 2025

SAFE SKIES, SUSTAINABLE FUTURE

Thank you for being part of this journey.
Together, we are building the next era



Daniel Melendez

Colombia

<https://linkendin.com/in/danielnede/>