

Supporting  
European  
Aviation



# SATCOM for Aviation

## Satellite Communication (SATCOM)

A webinar series on a new aviation  
communication system



## A general introduction to SATCOM

25<sup>th</sup> January 2022, 15.00-17.00

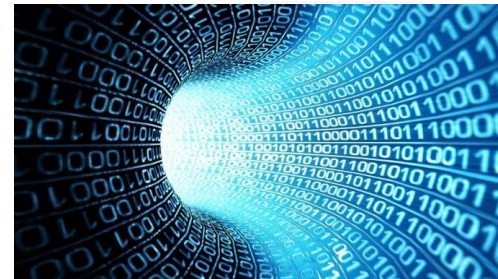


NETWORK  
MANAGER



# Introduction

- **DIGITALISATION:**
  - Air Traffic Control is requiring more A/G mobile secured digital communication
  - Support Machine (air) to Machine (ground) communication -> Automation
- Need was Identified by **ICAO** 10 years ago (Air Navigation Conference)
  - Action Plans
- Mobile technologies have evolved
  - Developed in EUROPE by SESAR (SESAR JU) in conjunction with ICAO
- Time for implementation decision is coming.
- In EUROPE:
  - **Network Directors of Technology (NDTECH)** and **Joint CNS Stakeholder Platform (JCSP)**
    - **Task:** Develop a business case for new A/G technology implementation (several options)
    - SATCOM is a one of the options.
- **The new SATCOM services.**



# SATCOM awareness campaign



- **Objective: increase the awareness of the SATCOM technology**
    - It does not mean that SATCOM is selected for implementation: **one of the options.**
  - Series of 2-4 WEBINARS:
    - Together with panels of experts from ICAO, IATA, FAA, industry, ANSPs, Airspace Users, Communication Service Providers etc..
1. **SATCOM for aviation: the stakeholders perspective (Today).**
  2. **IRIS SATCOM: a system designed for aviation. (16th Feb 2022, 15:00-16:30 CET)**
  3. **SATCOM maturity and Deployment (14th March 2022 - TBC, 15:00-16:30 CET)**
  4. **TBC...**

# General introduction to SATCOM



- Panel Members:
  - ESA: Martina Angelone
  - ICAO: Vaughn Maiolla
  - IATA: Noppadol Pringvanich
  - FAA: Ravi Jain
  - SJU: Ruben Flohr
  - SDM: Davide Corinaldesi
- Moderators: (EUROCONTROL)
  - Jacky Pouzet
  - Philippe Sacre



# Agenda for this first session



- **Presentations:**
  - IATA perspectives: by Noppadol Pringvanich
  - ESA: SATCOM and CNS by Martina Angelone
  - ICAO: SATCOM a key enabler for aviation
  - SJU and FAA: Introduction
  - SDM view by Davide Corinaldesi
- **Q&A sessions**
  - Please use the question tab for your questions.
  - Use the chat for all questions

