

# THALES

Building a future we can all trust

## Let's build an AAM ecosystem that we can all trust

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[www.thalesgroup.com](http://www.thalesgroup.com)

OPEN

# Added Value of Thales in AAM Market

## Avoid certification issues, cost overrun & program delays

- 40+ years of certification expertise recognized by certification authorities
- Proven certification path toward authorities (DAL A - Fully dissimilar critical computers)
- Pro-active risk identification and mitigations (Minimize the impact regulatory evolution)

## Easing the Development Process

- Flexible/adaptable workshare: minimizing risks
- Agile Dev. process: Quick SW loads deliveries (24 hours)
- Customization to OEM Signature

## No matter what, Thales delivers

- Guaranteed defect free software and certification artefacts
- Worldwide support network (all continents)
- Stellar on-time delivery (OTD) & SC management record



## Increased efficiency reducing life cycle costs

- Decrease the number of SW iterations
- Eliminate tedious repetitive tasks
- Early system troubleshooting
- Customer autonomy & customization

## Autonomy Technology Leader

- World's 100 most innovative companies
- Heavy Investment towards SVO/Autonomy
- Collaborative R&T/R&D approach with customer

# Building an AAM Ecosystem that we can Trust...



CONNECTIVITY  
& CYBER



GROUND  
INFRASTRUCTURES  
& ATC



MAINTENANCE  
& REPAIR



CERTIFICATION  
& REGULATION



PASSENGER EXPERIENCE  
& RESERVATION SYSTEM



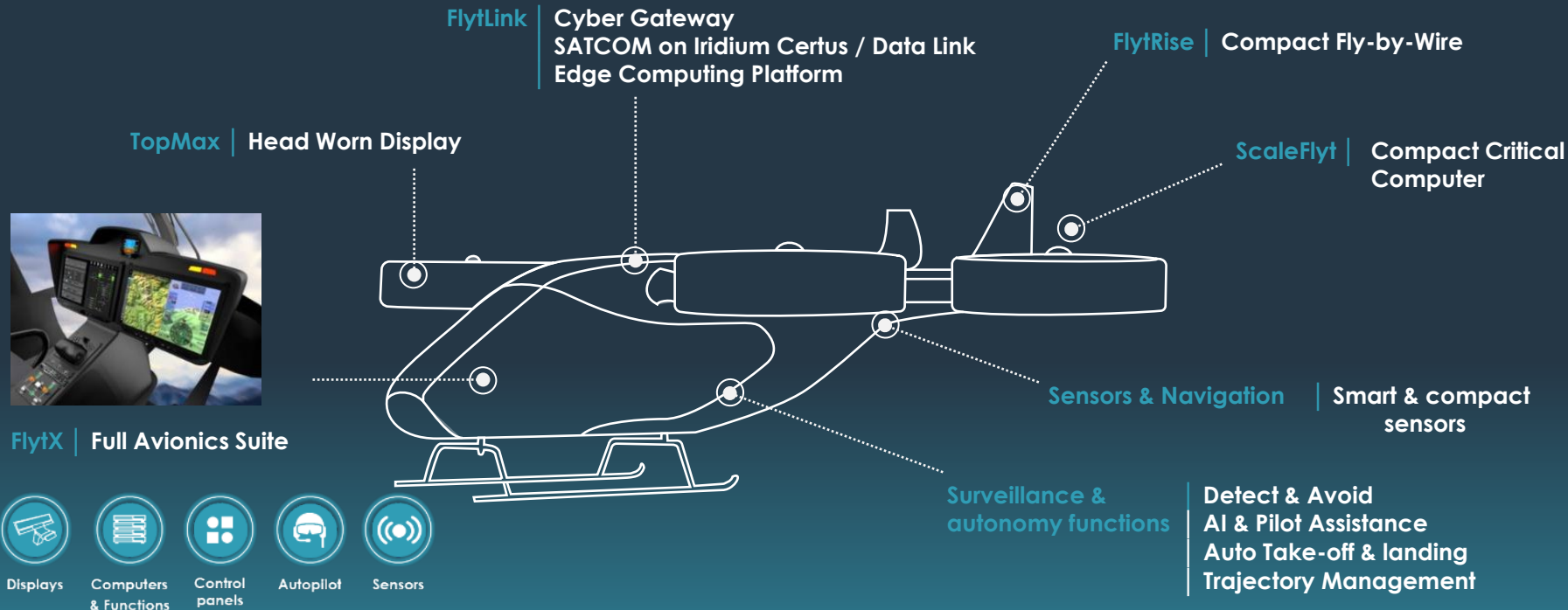
VERTIPORT  
INFRASTRUCTURE  
& OPERATIONS

VEHICLE  
SYSTEMS



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# Thales Vehicle Systems Offering for Advanced Air Mobility



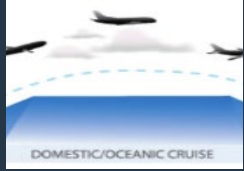
## WHY THALES

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Making flying safer, more efficient & pleasant  
By your side to provide innovative solutions  
and great flight experience to AAM users

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# Simplified Vehicle Operation & Autonomy



## Assist Crew in **Piloting** Tasks

- Cruise Phase
- Abnormal Situation
- Emergency Situation



## Assist Crew in **Guidance** Tasks

- Auto take-off
- Automatic Approach
- Autoland
- Detect and Avoid (Traffic Terrain Obstacles)



## Assist Crew in **Tactical** Flight Planning

- Localisation
- Schedule
- Trajectory Management



## Assist Crew in **Strategic** Flight Planning

- Mission Preparation
- Fast Start Up
- What if Scenarios
- Transition Management



## Assist Crew in **Vehicle** Management

- Automatic Aircraft Configuration
- Energy Management
- Operation Optimisation

# THALES

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Vehicle systems

Ground infrastructure

Air Traffic  
Management/UTM

Flights operations

Customer interface  
& experience