

# SITA eWAS

## Predict the weather with everything you need, at a glance

SITA eWAS is the best-in-class weather application that intuitively gives you everything you need to plan and amend flights effectively.



Easy and safe travel every step of the way.

**SITA**

FOR AIRCRAFT

# Empowering pilots to improve in-flight experiences

**SITA eWAS** gathers extensive, accurate and up-to-date weather information anywhere in the world, in real time. Its user-friendly interface provides rich, invaluable data which is immediately actionable.

**SITA eWAS** visualises a real-time, 4D picture of weather conditions for your relevant flight path – using a combination of 2D weather data, altitude based data and changes during the planned duration of your flight. By monitoring developments as they happen via credible weather sources like DWD, WNI and more, and sharing rich, 4D data via an intuitive app, it gives you the invaluable insight you need to stay safer, operate more efficiently and minimise your carbon footprint.

When each flight is over, an innovative Flight Replay function enables operational teams to review it in detail, to identify areas for improvement and share experiences.



## — Solution

# The potential savings for a 20 aircraft mixed jet fleet include...



**\$20,000+ on insurance**



**150+ tons of fuel**



**60% of AOG Time**

# Accurate, faster insights

Trusted by over 40,000 pilots



4D real-time weather visualization



Flight plan overlay over weather map



Flexible in-app PIREP



Convenient tools to brief, anticipate and visualize flight plans

## Give pilots a weather tool they can trust



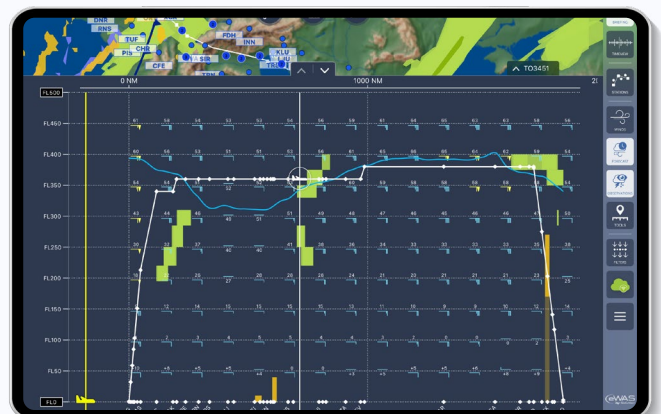
### 4D real-time weather visualisation for every flight

Best-in-class predictive capabilities, using data aggregated from multiple credible weather sources such as DWD, WNI and more, across the Operational Flight Plan. This includes vertical altitude visualisations of aircraft and weather elements, so pilots know when and where they will experience adverse weather more accurately, in a convenient format. Vertical weather visualisation enables pilots to view altitude changes quickly and easily, in detail, for better in-flight decision-making.



### 4D Timeline bar

Monitor weather conditions as they evolve, for multiple selected flights. View the expected position of aircraft across the flight duration, and map the corresponding weather conditions.





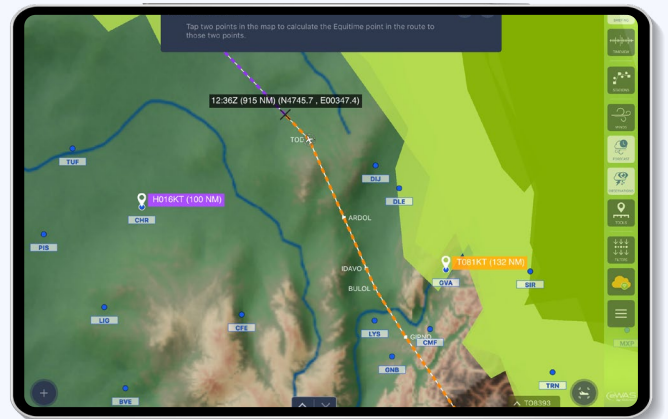
## Prepare alternative flight plans ahead of time

Take positive action to avoid adverse weather before it happens – by preparing alternative airport landings and routes, pre-flight weather conditions.



## Additional features and functionality

Combine the capabilities of **SITA eWAS** with intuitive in-app tools to improve each and every flight. Empower pilots with optimized routes to cut fuel costs and carbon emissions by up to 5%, with OptiClimb and OptiDirect, the industry's only tail-specific, machine learning solutions providing customized climb-out speed recommendations for every flight.



## Flexible in-app PIREP

Create and read PIREPs quickly and easily via the app – which is then shared with other eWAS Pilot and Dispatch users to enable a safer, smoother flight experience.

# Air France trusts SITA eWAS to enhance its flight experience

As the first airline in the world to equip its 3,600 pilots with **SITA eWAS**, Air France Pilots now benefit from having the latest weather insights delivered straight to their personal tablets – with all the information they need to accurately predict and execute flight paths.



Crews are informed in real-time about potential meteorological risks



Crews can pre-empt and plan effectively in advance



Compatible with SITA Mission Watch, to discuss potential alternative routes and landings

## — Testimonial

“**SITA eWAS** shows crews the areas of turbulence along their route, so during flight preparation they can study alternative paths. This is a highly effective procedure that is often used. Once in-flight, thanks to the weather radar system in the cockpit they can adapt their route and change altitude as required, to avoid areas of storm activity. In flying jargon, it’s known as weather avoidance and it works.”

**Olivier,**  
**A320 Air France Captain**

## — Solution

By providing pilots with better knowledge about weather conditions, eWAS enables Air France to create a safer and more comfortable travel experience for crew and passengers alike.





# Predict the weather with everything you need, at a glance

Best-in-class weather forecast capabilities, using data aggregated from multiple credible weather sources, enable Operational Flight Plans to be refined with easy in-app tools, so pilots know when and where they will experience adverse weather more accurately.

**Solution**

Give your pilots weather insight that helps, not hinders, their workload and decision-making. eWAS provides an intuitive, easy and accurate overview of weather conditions, in one place.



Trusted by over

**40,000**  
**pilots**



# CONTACT

— Get in touch

## Experience the next generation of in-flight weather tracking

To find out how SITA eWAS can help your crews stay one step ahead of the weather, get in touch.



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