

# **Uzbekistan Airways continues to digitalize its production activities to improve flight efficiency**

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THE AIRLINE WILL IMPLEMENT NEW GENERATION FLIGHT TRACKING TECHNOLOGY  
SITA MISSION WATCH

November 29, 2023 - Uzbekistan Airways continues to optimize its flight management processes through the use of advanced technologies: the company has signed an agreement to implement the SITA Mission Watch system. The technology solution will improve the airline's efficiency and provide greater process flexibility, saving more than \$600,000 annually in weather-related incident prevention and reducing fuel consumption by 300 tons.

SITA Mission Watch is a new generation of flight tracking technology used by air traffic controllers and mission control centers. The product allows you to analyze both flight paths and associated events, in a graphically optimized form with overlaid information on significant weather events for easier interpretation and decision-making.

SITA Mission Watch's best-in-class weather system uses forecasts from a variety of sources. This allows the airline to plan routes more accurately, as well as manage possible flight cancellations. Integrated automated technology enables dispatchers to quickly respond to changing conditions to ensure flights arrive safely and on time and avoid weather-related costs.

Rising weather risks are the leading cause of flight delays, costing the industry around \$1 billion in losses each year. Delays also negatively impact passenger satisfaction and the airline's brand reputation. The main unique capability of SITA Mission Watch is the integration of multiple weather providers into a single unit, which simplifies the interpretation of the flight situation. This allows airlines to maintain flexibility and increase speed in decision making.

More accurate weather information will help, for example, to use fuel more efficiently in emergency situations. These savings can be significant. For example,

an airline with 20 aircraft can save about 150 tons of fuel per year using SITA Mission Watch.

“We chose SITA for their expertise and trusted digital products in the industry. SITA Mission Watch will be a key operational solution for our air traffic controllers to ensure flight planning and safety, including the ability to adapt to challenges caused by weather changes,” Shukhrat Khudaykulov, CEO of Uzbekistan Airways, noted.

“Various shortcomings, such as failure to meet flight deadlines due to weather conditions, bring large losses to airlines in terms of fuel costs, aircraft repairs, and compensation to passengers. Our technology solutions are designed to help airlines anticipate crises while improving aircraft safety and operational efficiency,” Yann Cabaret, CEO of SITA FOR AIRCRAFT, emphasized.

## **About SITA**

SITA – an information technology provider to the air transport industry, offering solutions for airlines, airports, aircraft and governments. Our technologies enable a smoother, safer and greener air travel experience.

SITA has approximately 2,500 customers and its solutions improve the operational efficiency of more than 1,000 airports while enabling connectivity across a global aviation ecosystem of 17,000 aircraft. SITA also provides technology solutions that help more than 70 governments balance border security with seamless travel. Our communications network connects every corner of the globe and accounts for 60% of the air transport community's communications.

In 2021, SITA became CarbonNeutral® certified under the CarbonNeutral Protocol, the world's leading standard for carbon neutral programmes. We are reducing greenhouse gas emissions across all of our operations as part of the UN-recognised Planet+ program, and are developing solutions to help the aviation industry achieve its carbon reduction targets, including reduced fuel consumption and improved operational efficiency. In 2022, we announced our intention to set science-based emissions reduction targets in accordance with the Net-Zero Standard initiative.

SITA is 100% industry owned and driven by its needs. It is one of the world's most multinational companies, providing services in more than 200 countries and territories.

Additional information is available on the website <http://www.sita.aero>

## **SITA in Uzbekistan**

SITA has been represented on the Uzbekistan market since 1992, having begun a long-term partnership with the National Carrier of the Republic – Uzbekistan Airways, constantly expanding its presence and interaction with representatives of the national aviation industry.

SITA's task in the region is to ensure a high level of digital transformation of the airline industry, providing IT solutions in the field of passenger service, baggage handling, and flight operations.

SITA technologies are used by all the largest airlines of the republic - the national air carrier Uzbekistan Airways, as well as airlines created in the Republic of Uzbekistan recently, namely: Qanot Sharq, Centrum Air (My Freigther), Panorama Airlines, JSC Sam Air. These are solutions for ensuring high-quality communications both on the ground and during the flight, as well as innovative developments for digitalization of the airline's production activities - from tracking aircraft in real time to ensuring fuel efficiency at all stages of the flight and providing mobile data services.

Within the country, SITA also works with other clients, such as Uzbekistan Airports, Air Marakanda, and the Ministry of Foreign Affairs of the Republic of Uzbekistan.