



Case Study Silk Way West

Silk Way West Soars to New Heights with Digital Transformation: A Comprehensive EFB/EFF Implementation

Company

Silk Way West Airlines, founded in 2012 in Baku, Azerbaijan, is the largest cargo airline in the Caspian Sea region. Operating from Heydar Aliyev International Airport, the airline runs approximately 350 flights monthly across Europe, Asia and the Americas with a fleet of 12 Boeing 747-8F, 747-400F and 777F freighters. It handles over 420,000 tons of cargo annually and serves more than 40 destinations worldwide, including Europe, Central Asia and North and South America. ►



Logipad's ease of use and adaptability made it an ideal fit for Silk Way West's specific requirements, providing a sustainable and future-oriented solution.

Challenge

Silk Way West Airlines faced several challenges in its operations. The reliance on paper-based systems for charts and operational documents created inefficiencies in time and manpower. Updating and storing documents required considerable logistical effort, particularly for a cargo airline operating across diverse global routes. Additionally, ensuring regulatory compliance and leveraging data insights for operational improvements were significant pain points. To address these, the airline required a digital solution that could seamlessly integrate into its existing workflows, support sustainability goals and improve operational efficiency.

Solution

To address these challenges, Silk Way West Airlines implemented Logipad, a comprehensive Electronic Flight Bag (EFB) and Electronic Flight Folder (EFF) solution developed by DextraData. This digital platform enabled the airline to completely eliminate paper-based systems, resulting in a streamlined and efficient workflow. The solution provided real-time synchronization across devices, a robust document library for operational manuals and charts, and customizable modules tailored for pilot needs, such as eForms and briefing tools. Furthermore, Logipad integrated seamlessly with the airline's existing systems for crew, flight, and load planning, as well as finance and accounting processes, reducing manual data entry and enhancing operational accuracy. The system also enabled advanced analytics, allowing the airline to identify operational trends, monitor fuel consumption, and optimize fleet performance. Its ease of use and adaptability made it an ideal fit for Silk Way West's specific requirements, providing a sustainable and future-oriented solution. ►

Logipad is an EFB solution, which enables flight crews to perform flight management tasks more easily and efficiently with only one solution.



Results

The implementation of Logipad delivered substantial benefits to Silk Way West Airlines. Efficiency gains were immediately apparent as manual processes were streamlined, allowing faster and more accurate access to data. The removal of almost 80 lbs of paper-based materials per flight translated to an annual fuel savings of 30.2 tons, significantly reducing operational costs. By eliminating paper-based workflows, the airline also reduced ground handling costs and the logistical challenges associated with document updates and delivery.

In terms of sustainability, the solution aligned perfectly with Silk Way West's commitment to the United Nations Global Compact initiative, supporting its environmental goals by reducing the carbon footprint of its operations. Additionally, the system enhanced regulatory compliance through built-in verifiers and alerts, ensuring pilots adhered to mandatory reporting requirements and minimizing audit risks. By optimizing fleet performance and ensuring better monitoring, the airline achieved not only cost reductions but also an increase in safety standards.



AT A GLANCE

Top Reasons Why Silk Way West Airlines chose Logipad:

- Elimination of Paper-Based Systems
- Seamless System Integration
- Real-Time Data & Analytics
- Regulatory Compliance & Safety
- Cost & Fuel Savings
- Sustainability & Environmental Impact

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Logipad by DextraData

Logipad, developed by DextraData Aviation Technologies GmbH – a subsidiary of DextraData GmbH – is a leading provider of advanced Electronic Flight Bag (EFB) solutions, backed by 23 years of specialized expertise in aviation technology and over 30 years in digital transformation.

Embracing an agile approach, Logipad fosters seamless collaboration between IT teams and flight crews, driving significant improvements in operational efficiency through digital innovation.

The platform offers flexible deployment options and integrates effortlessly with existing IT infrastructures. With continuous proactive monitoring and regular performance reviews, Logipad underscores its commitment to advancing aviation's digital transformation journey.