Plan and operate aircraft in the most cost-efficient way while maximizing productivity

Sabre AirCentre Flight Plan Manager

Bringing The Key Information Together

Optimizing fuel burn, reducing CO₂ emissions and automation are among airlines’ top concerns when it comes to flight planning. When developing the optimal flight plan, it is vital to consider factors such as weather, NOTAM handling, air space restrictions, aircraft performance, real-time schedule information and much more. However, gathering this information from various systems often results in limited data choices, the inability to simultaneous use multiple applications and the loss of user productivity.

To take advantage of a full range of data choices, Sabre® AirCentre™ Flight Plan Manager enables best-in-class integration capabilities supporting virtually all data providers. In addition, integration with other Sabre® AirCentre™ Enterprise Operations solutions helps ensure your customers’ needs are fulfilled.
Sophisticated Solutions

**Sabre AirCentre Flight Plan Manager** helps you create optimum, lowest-cost flight plans to help increase productivity of the airline’s operation. Also, flight planning optimization capabilities include four-dimensional variable cost index planning to reduce the overall operating cost.

Benefits

Reduces costs  Determine the optimal solution on a flight-by-flight basis, combined with a thorough fuel policy plan and customized operational policies. Optimize flight plans to reduce fuel consumption as well as manage delays through a cost model that enables the user to make optimal decisions around schedule integrity.

Utilize unique route selection algorithms that are analyzed against fixed operating and over-flight costs to automate flight plan processes, increasing productivity.

Enhances customer experience  Helps travelers reduce their carbon footprint.

Provides the analysis to help minimize the impact of disrupted schedule times.

Features

Variable Cost Optimization  Dynamic automatic route optimization resolves all operational cost factors simultaneously to calculate an optimized 4-dimensional flight path.

Delay Cost Management  Integrates a cost model for flight delays as a non-linear time cost input to the flight profile optimizer, enabling the user to apply complete mission management to all flight operations.

Data Service  Full integration of data services such as NOTAM and restriction handling, all data feeds, and fully integrated airport suitability checks.

Additional integration  Integrate MEL/CDL, terrain resolver, ETOPS and EROPS handling, and take-off performance.

Figure 1  The routing map display of **Flight Plan Manager** provides a view of the flight path including restricted areas, ETOPS, winds and other flight conditions.

Our Unique Experience

At **Sabre Airline Solutions**, our team of experts is ready to help power your progress by lowering your costs and generating more revenue for your airline. And with our comprehensive portfolio, you can market your experience, sell your product, serve your customers and operate efficiently across your entire airline.