

**Sabre**



# Airline Solutions Dictionary

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A high-level  
nontechnical  
portfolio guide



## Commercial Platform

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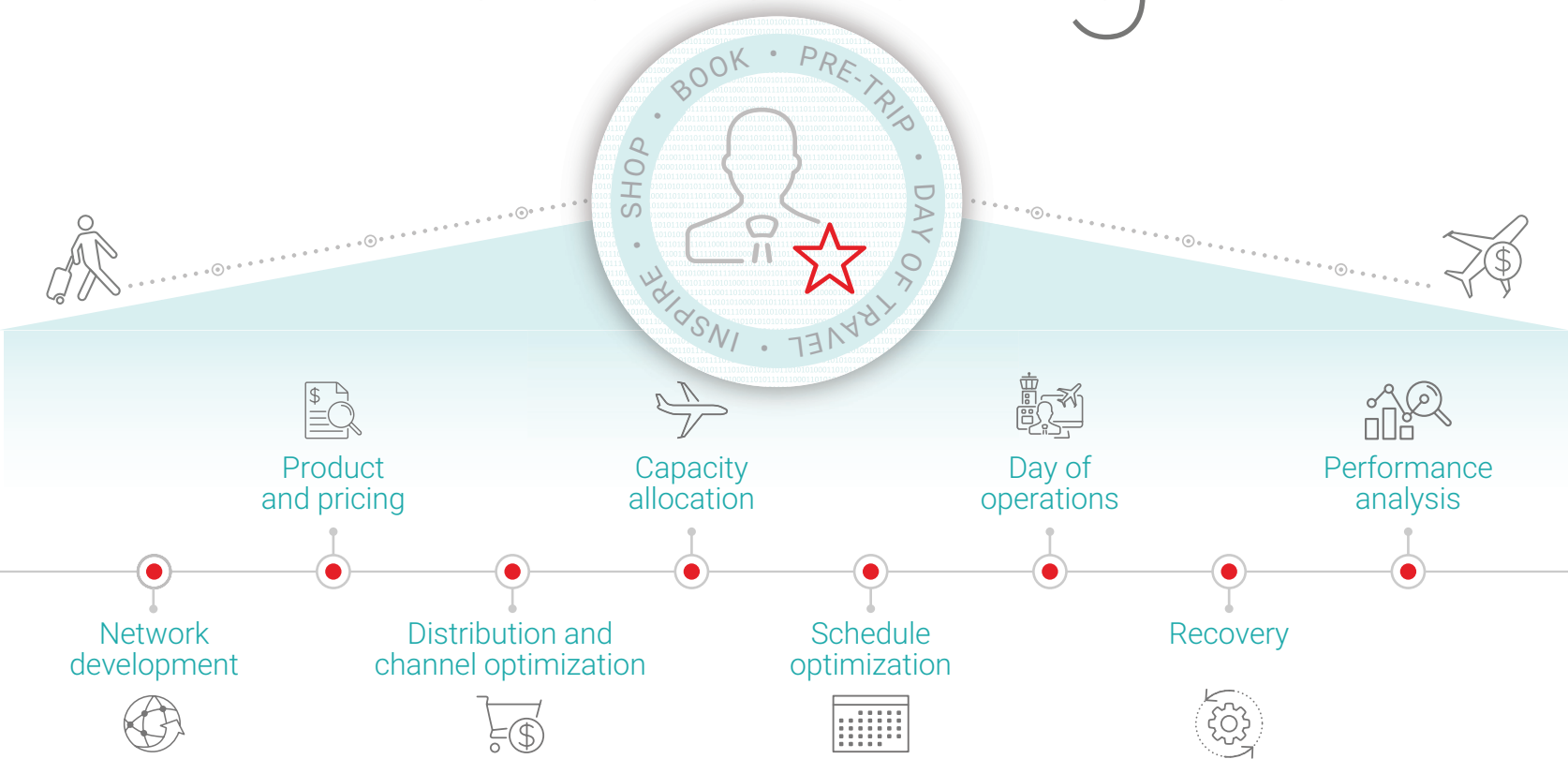
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# Life of the flight



Sabre Airline Solutions provides comprehensive technology solutions that help airlines sharpen their competitive edge across all phases of the life of the flight.

- **Network development** – Strategic analysis and tactical management of how every route can contribute to an airline’s overall profitability.
- **Product and pricing** – Development of the product catalog (all air and ancillary inventory and fares) that optimizes total revenue by considering market dynamics, competitor positions and customer data.
- **Distribution and channel optimization** – Intelligent delivery of the products across all points of sale, including partner airlines, to increase revenue while differentiating the brand experience.
- **Capacity allocation** – Refinement of the required fleet versus what was originally forecast in the fleet-planning process to reduce spoilage.
- **Schedule optimization** – Decision-support practice that prepares the executable flight schedule by considering factors such as fleet assignment and crew pairings closer to the day of operations.
- **Day of operations** – Processing and servicing all passengers, crew and aircraft at the airport on the day of departure.
- **Recovery** – Restoration of the airline, inclusive of its schedule, passengers, ancillaries, crew, aircraft and cargo, when disruptions occur due to weather, mechanical failure, etc.
- **Performance analysis** – Closed-loop analysis of an airline’s actual day-of-operations performance that identifies potentially lost revenue.



This dictionary contains **both** solutions and capabilities offered by Sabre Airline Solutions including products currently in **Sunset** or **Maintainance** mode.

**Solutions** are defined as the main technology systems and **capabilities** are defined as the supporting tools within the main technology systems.

**Sabre**

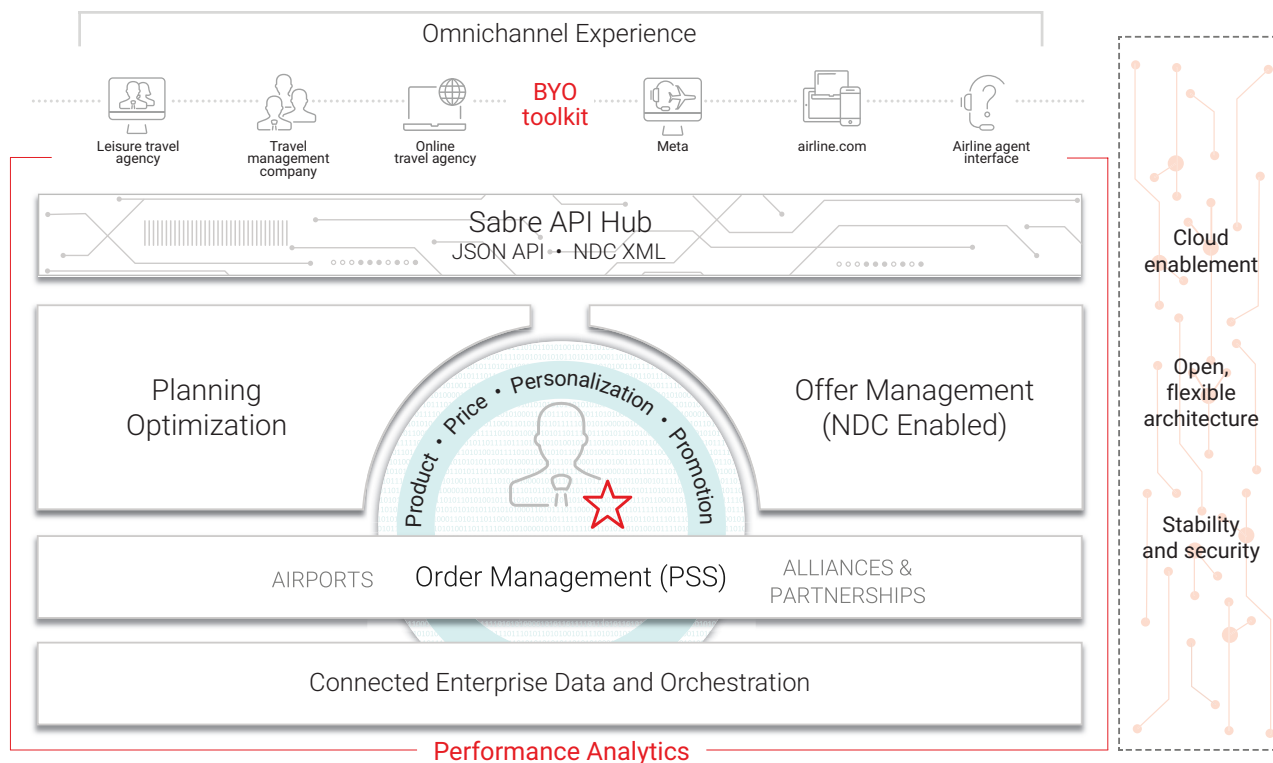


# Commercial Platform

Commercial Platform Marketecture



# Sabre Commercial Platform



**Sabre Commercial Platform** is the only platform in the industry that enables end-to-end personalized retailing and empowers airlines to successfully retail, distribute and fulfill across all customer touchpoints. It meets airlines where they are and takes them where they want to go through flexible, open and intelligent technology.

- **Planning Optimization** – Our intelligent and end-to-end planning and scheduling suite solves for growing competitive pressures, partnership agreements and lack of quality schedule communication across an organization with integrated solutions that improve short- and long-term planning and support dynamic scheduling.
- **Offer Management** – Achieve revenue maximization by looking beyond traditional revenue management and tapping into adopting dynamic pricing and offer management practices that consider a more scientific approach. Identify targeted retailing opportunities that will differentiate your brand and drive additional ancillary revenue. A key component includes NDC-enabled solutions that support both traditional and NDC content.
- **Order Management** – End-to-end reservations and departure-control solutions support your airline’s unique business strategy through advanced reservations and departure-control technology that centers around customer centricity and enables personalized, seamless sales and service.
- **Omni-channel Experience** – Reimagined traveler and agent interfaces give your airline flexibility to deliver differentiated experiences that uniquely represent your brand and place the right product at the right place at the right time to drive channel growth, conversions and loyalty.



**Sabre**



# Commercial Platform

Planning Optimization

## CARGO REVENUE MANAGEMENT

**Sabre AirVision Cargo Revenue Management** provides key flight, customer and booking information to help cargo departments make better cargo decisions. It is the industry's leading cargo revenue-management solution and can improve cargo revenues by up to 10 percent.

### Sabre AirVision Cargo Revenue Manager

**Sabre AirVision Cargo Revenue Manager** helps forecast airline cargo capacities, set accurate overbooking levels and optimize cargo revenue by allocating the right freight demand to the right capacities. It automates many of the manual processes in capacity management and booking evaluation, as well as helps airlines generate additional revenue from their cargo operations.



#### Solution value

**Cargo Revenue Manager** enables airlines to improve the efficiency and profitability of their cargo operations by accurately forecasting cargo capacity and ensuring better decision-making on spot pricing by evaluating against an optimized hurdle rate.

#### Complementary solutions

**Cargo Revenue Manager** is more powerful with Sabre AirVision Schedule Manager.

#### Life of the flight

**Cargo Revenue Manager** is beneficial in the areas of distribution and channel optimization and capacity allocation.

### CAPABILITIES

#### Allotment

**Cargo Revenue Manager Allotment** makes decisions about customer- and station-specific allotments approximately six months into the future. The feature's decision-support model optimizes revenue by determining customer and station allotments and tracking allotment utilization.

## CARGO REVENUE MANAGEMENT

### Bid Price

**Cargo Revenue Manager Bid Price** uses origin, destination and rate-class-based revenue-mix methodology that includes solving a comprehensive network optimization model on a nightly basis. Considering the authorized capacities, profit contribution, availability of multiple routes and demand forecasts, the model provides bid prices and gradients for various legs. Bid Price enables airlines to profitably manage the remaining space on a short-term basis by considering the available capacity and remaining demand forecasts.

### Demand Forecasting

**Cargo Revenue Manager Demand Forecasting** forecasts demand by origin, destination and rate class. By controlling inventory based on origin and destination, Demand Forecasting yields the maximum benefit in terms of network-level contribution. It captures the effect of long haul versus short haul, shifting of cargo from high- to low-load factor flights and route selection. The capability increases cargo sales through improved accuracy in cargo forecasting, including the ability to identify upselling and cross-selling opportunities.

## NETWORK PLANNING AND SCHEDULING

**Sabre AirVision Network Planning and Scheduling** solutions enable airlines to optimally design their network and hubs with their partners, accurately forecast demand and profitably schedule and allocate available capacity across their network of alliance partners. Using a proven SaaS platform that scales with an airline's business, it is the industry's most unified planning-and-scheduling solution family – it helps manage 75 percent of the available seat miles for the top 100 global airlines.

### Sabre AirVision Codeshare Manager

**Sabre AirVision Codeshare Manager** enables airlines to manage their partnerships with other airlines to increase their reach and revenue by marketing their code on partners' operating flights and allowing partners to market them on their operating flights.



#### Solution value

**Codeshare Manager** increases an airline's market reach and allows them to market on partner flights, increasing their footprint and revenue. It automates tasks where changes happen to schedules so the airline can quickly react and not lose money.

#### Complementary solutions

**Codeshare Manager** is more powerful with Sabre AirVision Schedule Manager.

#### Life of the flight

**Codeshare Manager** is beneficial in the area of schedule optimization.

### ●●● CAPABILITIES

#### Schedule Publication

**Sabre AirVision Codeshare Manager Schedule Publication** for nonoperating flights automates the processes involved in getting the latest schedule with any changes out to other partners and reservations systems so an airline can sell more tickets and expand its network. The capability increases the efficiency of an airline to synchronize schedules and get them out to partners so changes are properly reflected in all schedules. It also propagates changes to reservations to avoid costly reaccommodation later in the flight's life cycle.

## NETWORK PLANNING AND SCHEDULING

### Sabre AirVision Fleet Manager

**Sabre AirVision Fleet Manager** is a global schedule-optimization system that considers operational constraints and uses patented technology to model passenger flows across the network so capacity is assigned to maximize profitability. Fleet Manager assigns the most appropriate aircraft type to each flight leg, thereby minimizing the effects of both spoilage (flying empty seats) and spill (failing to accommodate passengers). It combines economic and operational information from across the airline to create fleet recommendations that are robust, feasible and profitable.



#### Solution value

**Fleet Manager** maximizes revenue by 3 percent and reduces costs by developing optimal fleet assignments for schedules based on forecasted demand.

#### Complementary solutions

**Fleet Manager** is more powerful with Sabre AirVision Network Manager, Sabre AirVision Profit Manager and Sabre AirVision Schedule Manager.

#### Life of the flight

**Fleet Manager** is beneficial in the areas of network development and schedule optimization.

### Sabre AirVision Network Manager

**Sabre AirVision Network Manager** helps retime flights to maximize connectivity at their hubs and partners' hubs.



#### Solution value

**Network Manager** improves network connectivity and codeshare opportunities to improve revenue benefits up to 1 percent.

#### Complementary solutions

**Network Manager** is more powerful with Sabre AirVision Profit Manager and Sabre AirVision Fleet Manager.

#### Life of the flight

**Network Manager** is beneficial in the area of network development.

● NETWORK PLANNING AND SCHEDULING

## Sabre AirVision Profit Manager

**Sabre AirVision Profit Manager** helps airlines identify the profit potential of their schedule, as well as quantify the impact of a proposed schedule.



### Solution value

**Profit Manager** supports strategic-decision making and generates incremental revenue benefits up to 3 percent.

### Complementary solutions

**Profit Manager** is more powerful with Sabre AirVision Network Manager and Sabre AirVision Fleet Manager.

### Life of the flight

**Profit Manager** is beneficial in the area of network development.

● ● ● CAPABILITIES

### Cabin Level Forecasting

**Sabre AirVision Profit Manager Cabin Level Forecasting** improves strategic decision-making by generating forecasts by aircraft cabin. It gives airlines incremental revenue benefits up to 1 percent.

## Sabre AirVision Profit Manager Base

**Sabre AirVision Profit Manager Base** helps airlines identify the profit potential of their schedule, as well as quantify the impact of a proposed schedule.



### Solution value

**Profit Manager Base** supports strategic decision-making and generates incremental revenue up to 3 percent.

### Complementary solutions

**Profit Manager Base** is more powerful with Sabre AirVision Network Manager and Sabre AirVision Fleet Manager.

## NETWORK PLANNING AND SCHEDULING

### Life of the flight

**Profit Manager Base** is beneficial in the area of network development.

## Sabre AirVision Profit Manager Insights

**Sabre AirVision Profit Manager Insights** is a dynamic reporting tool built on a web-based interface. It adds business intelligence with consistent results, ease of use and actionable insights. Using best-in-class UX and workflows and leveraging data from across the organization, Profit Manager Insights gives the evolving workforce the insights necessary to easily and efficiently evaluate forecasts, create budgets, conduct what-if scenarios and conduct sensitivity analysis.



### Solution value

**Profit Manager Insights** empowers schedulers with actionable insights to easily and efficiently evaluate complex forecasting results. Through its modernized data-storage capabilities, the solution also reduces the time to create, support and maintain reporting capabilities across the suite and gives users enhanced flexibility and drill-down analysis and consolidates numerous data sources to one place.

### Complementary solutions

**Profit Manager Insights** is an add-on to Sabre AirVision Profit Manager (which also includes Sabre AirVision Network Manager), part of an end-to-end Sabre AirVision Planning & Scheduling suite that also includes Sabre AirVision Fleet Manager, Sabre AirVision Schedule Manager and Sabre AirVision Schedule Exchange, Sabre AirVision Slot Manager and Sabre AirVision Codeshare Manager.

### Life of the flight

**Profit Manager Insights** is beneficial in the area of network development.

## Sabre AirVision Schedule Exchange

**Sabre AirVision Schedule Exchange** is a web-based module that provides easy and efficient ways to generate, enrich and share both operating and nonoperating schedule-change information to internal and external stakeholders. The solution offers sophisticated process automation on an innovative platform that simplifies the schedule-change workflow and streamlines a single publication process across an airline.



## NETWORK PLANNING AND SCHEDULING



### Solution value

**Schedule Exchange** drives decision efficiency and revenue maximization by improving integration across an airline. It also increases productivity with simplified workflows and an intuitive user interface, as well as eliminates codeshare-synchronization issues with partner file-process automation.

### Complementary solutions

**Schedule Exchange** is an add-on to Sabre AirVision Schedule Manager. It complements the entire Sabre AirVision Planning & Scheduling portfolio, which comprises Sabre AirVision Profit Manager (including Sabre AirVision Profit Manager Insights and Sabre AirVision Network Manager), Sabre AirVision Fleet Manager, Sabre AirVision Slot Manager and Sabre AirVision Codeshare Manager.

### Life of the flight

**Schedule Exchange** is beneficial in the areas of network development and channel optimization.

## Sabre AirVision Schedule Manager

**Sabre AirVision Schedule Manager** is a comprehensive schedule-administration solution that offers intuitive ways to create, visualize, edit, optimize and share an airline's operations plan.



### Solution value

**Schedule Manager** leverages industry standards, reference, constraint and commercial data to increase efficiency of the planning process with automation and decision support.

### Complementary solutions

**Schedule Manager** is more powerful with Sabre AirVision Network Manager, Sabre AirVision Profit Manager, Sabre AirVision Slot Manager, AirVision Codeshare Manager and Sabre AirVision Fleet Manager.

### Life of the flight

**Schedule Manager** is beneficial in the area of schedule optimization.

## NETWORK PLANNING AND SCHEDULING

### Sabre AirVision Schedule Manager Base

**Sabre AirVision Schedule Manager Base** is a comprehensive schedule-administration solution that offers intuitive ways to create, visualize, edit, optimize and share an airline's operations plan.



#### Solution value

**Schedule Manager Base** leverages industry standards, references, constraints and commercial data to increase efficiency of the planning process with automation and decision support.

#### Complementary solutions

**Schedule Manager Base** is more powerful with Sabre AirVision Network Manager, Sabre AirVision Profit Manager, Sabre AirVision Slot Manager, AirVision Codeshare Manager and Sabre AirVision Fleet Manager.

#### Life of the flight

**Schedule Manager Base** is beneficial in the area of schedule optimization.

### Sabre AirVision Schedule Manager Max

**Sabre AirVision Schedule Manager Max** is a comprehensive schedule-administration solution that offers intuitive ways to create, visualize, edit, optimize and share an airline's operations plan.



#### Solution value

**Schedule Manager Max** leverages industry standards, references, constraints and commercial data to increase efficiency of the planning process with automation and decision support.

#### Complementary solutions

**Schedule Manager Max** is more powerful with Sabre AirVision Network Manager, Sabre AirVision Profit Manager, Sabre AirVision Slot Manager, AirVision Codeshare Manager and Sabre AirVision Fleet Manager.

#### Life of the flight

**Schedule Manager Max** is beneficial in the area of schedule optimization.

## NETWORK PLANNING AND SCHEDULING

### Sabre AirVision Slot Manager FAA

**Sabre AirVision Slot Manager FAA** is used by airlines to manage their slots at DCA, JFK and LGA airports according to the strict U.S. DOT/FAA rules and procedures for North America-based airlines. The solution enables airlines competing for access at these congested airports to get the best utilization of their slot portfolios as their schedules change frequently.



#### Solution value

**Slot Manager FAA** helps airlines avoid penalties by ensuring no flight is planned without a required slot. It helps produce the best use of an airline's slot portfolio and reduce the risk of losing a valuable slot due to insufficient or incorrect usage. The solution also enables airlines to quickly trade slots with other airlines to solve slot problems.

#### Complementary solutions

**Slot Manager FAA** is more powerful with Sabre AirVision Schedule Manager.

#### Life of the flight

**Slot Manager FAA** is beneficial in the areas of network development, schedule optimization, day of operations and performance analysis.

### Sabre AirVision Slot Manager IATA

**Sabre AirVision Slot Manager IATA** is the industry's most popular system for airlines to manage their slots according to IATA procedures and formats at the most congested airports worldwide. The solution is used by more than 70 of the world's leading airlines to manage all phases of the slot-management process.



#### Solution value

Slots at peak times at the world's most congested airports are worth millions of dollars. Airlines use **Slot Manager IATA** to get the best value from their slot portfolio via automation for preventing fines for flights without correct slot clearances and preventing wasting/losing slots due to insufficient usage.

#### Complementary solutions

**Slot Manager IATA** is more powerful with Sabre AirVision Schedule Manager and Sabre AirCentre Movement Manager.

## ● NETWORK PLANNING AND SCHEDULING

### Life of the flight

**Slot Manager IATA** is beneficial in the areas of network development, schedule optimization, day of operations and performance analysis.

## ●● CAPABILITIES

### AutoSlot

**Sabre AirVision Slot Manager IATA AutoSlot** automates sending slot requests to coordinators when operations controllers cancel flights, add flights or change flight schedules. The capability includes the Automated Message Handler, which automatically processes most slot messages from coordinators. It also helps airlines avoid penalties by ensuring the appropriate slot requests are automatically transmitted when operations makes schedule changes and operations controllers are too busy to type and transmit requests manually.

## PRICING AND REVENUE MANAGEMENT

**Sabre AirVision Pricing and Revenue Management** allows airlines to achieve total revenue optimization with the industry's most robust and integrated pricing and revenue-management solutions. These solutions allow airlines to optimize availability and price, while taking into account customer segmentation, demand, willingness to pay and competition. Using state-of-the-art technology, the solutions are cloud ready and utilize real-time customer and shopping data.

### Sabre AirVision Dynamic Availability

**Sabre AirVision Dynamic Availability** is an innovative and proven big-data solution that delivers incremental revenue benefits by proactively monitoring and responding to the pricing and availability landscape of competing benchmark carriers.



#### Solution value

**Dynamic Availability** offers competitive advantage to airlines by providing them with increased control of their price position in the market.

#### Complementary solutions

**Dynamic Availability** is more powerful with Sabre AirVision Fares Manager, Sabre AirVision Fares Optimizer and Sabre AirVision Revenue Optimizer, as well as SabreSonic Inventory.

#### Life of the flight

**Dynamic Availability** is beneficial in the area of product and pricing.

### Sabre AirVision Fares Manager

**Sabre AirVision Fares Manager** helps airlines manage their fares and monitor competitors' fare changes to ensure they have the right market position at all times.



#### Solution value

**Fares Manager** ensures competitive price positions.

#### Complementary solutions

**Fares Manager** is more powerful with Sabre AirVision Revenue Optimizer and Sabre AirVision Fares Optimizer.

PRICING AND REVENUE MANAGEMENT

Life of the flight

**Fares Manager** is beneficial in the area of product and pricing.

CAPABILITIES

Contract Manager

**Sabre AirVision Fares Manager Contract Manager** helps airlines manage their private contract fares. It ensures efficient management of private contracts.

Sabre AirVision Fares Optimizer

**Sabre AirVision Fares Optimizer** empowers airlines to optimize their fares by target segment and proactively adjust the restrictions or fare values in near real time.



Solution value

**Fares Optimizer** facilitates total revenue optimization through enabling an airline to set optimal fare price points based on seasonality, competitor activity, customer segmentation and market context in near real time.

Complementary solutions

**Fares Optimizer** is more powerful with Sabre AirVision Fares Manager, Sabre AirVision Revenue Optimizer and Sabre AirVision Dynamic Availability.

Life of the flight

**Fares Optimizer** is beneficial in the area of product and pricing.

Sabre AirVision Group Manager

**Sabre AirVision Group Manager** helps airlines effectively evaluate group reservations and requests, as well as assists with creating and tracking group bookings.



Solution value

**Group Manager** maximizes network revenue by effectively managing and controlling the risks associated with accepting group traffic.

## PRICING AND REVENUE MANAGEMENT

### Complementary solutions

**Group Manager** is more powerful with Sabre AirVision Revenue Manager and Sabre AirVision Revenue Optimizer.

### Life of the flight

**Group Manager** is beneficial in the area of capacity allocation.

## Sabre AirVision Group Optimizer

**Sabre AirVision Group Optimizer** helps airlines effectively control group reservations and requests, as well as create and track group bookings. Group Optimizer's self-service provisioning helps travel agents, retail customers and corporations efficiently make and manage group bookings via a web portal integrated into the airline's website. Group Optimizer can work as an independent application or in conjunction with a revenue-management system.



### Solution value

**Group Optimizer** maximizes network revenue by effectively managing and controlling the risks associated with accepting group traffic. It also provides significant end-to-end group-request-processing automation to an airline.

### Complementary solutions

**Group Optimizer** is more powerful with SabreSonic Inventory, Sabre AirVision Revenue Manager and Sabre AirVision Revenue Optimizer.

### Life of the flight

**Group Optimizer** is beneficial in the area of capacity allocation.

## Sabre AirVision Revenue Manager Leg/Seg

**Sabre AirVision Revenue Manager Leg/Seg** helps airlines set inventory controls to maximize the revenue performance of each flight. The solution receives data and information on a nightly basis from the reservations system and other supporting systems, such as revenue-accounting and departure-control systems. The data is used to populate a large relational database and feed sophisticated decision-support models. These models forecast demand and recommend new inventory controls.



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## PRICING AND REVENUE MANAGEMENT

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### Solution value

**Revenue Manager Leg/Seg** maximizes flight-level seat revenue. It typically delivers 1 percent in incremental revenue benefits on a yearly basis.

### Complementary solutions

**Revenue Manager Leg/Seg** is more powerful with SabreSonic Inventory.

### Life of the flight

**Revenue Manager Leg/Seg** is beneficial in the area of capacity allocation.

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## Sabre AirVision Revenue Manager O&D Advantage

**Sabre AirVision Revenue Manager O&D Advantage** helps airlines set inventory controls to maximize the revenue performance of each flight. The solution receives data and information on a nightly basis from the reservations system and other supporting systems, such as revenue-accounting and departure-control systems. The data is used to populate a large relational database and feed sophisticated decision-support models. These models forecast demand and recommend new inventory controls, including class authorizations and bid prices.



### Solution value

**Revenue Manager O&D Advantage** maximizes flight-level seat revenue by considering network effects. It typically delivers 1 percent to 2 percent incremental revenue benefits, in addition to Revenue Manager Leg/Seg on a yearly basis.

### Complementary solutions

**Revenue Manager O&D Advantage** is more powerful with SabreSonic Inventory.

### Life of the flight

**Revenue Manager O&D Advantage** is beneficial in the area of capacity allocation.

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## PRICING AND REVENUE MANAGEMENT

### Sabre AirVision Revenue Manager O&D Premier

**Sabre AirVision Revenue Manager O&D Premier** helps airlines set inventory controls to maximize the revenue performance of each flight and O&D itinerary. The solution receives data and information on a nightly basis from the reservations system and other supporting systems, such as revenue-accounting and departure-control systems. The data is used to populate a large relational database and feed sophisticated decision-support models. These models forecast demand and recommend new inventory controls, including class authorizations and bid prices.



#### Solution value

**Revenue Manager O&D Premier** maximizes network-level seat revenue by considering all network effects and demand at the O&D-itinerary level. It typically delivers 2 percent to 3 percent incremental revenue benefits, in addition to Revenue Manager Leg/Seg on a yearly basis.

#### Complementary solutions

**Revenue Manager O&D Premier** is more powerful with SabreSonic Inventory.

#### Life of the flight

**Revenue Manager O&D Premier** is beneficial in the area of capacity allocation.

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### Sabre AirVision Revenue Optimizer

**Sabre AirVision Revenue Optimizer** empowers airlines to optimize all revenue streams, maximize market share and improve analyst productivity.



#### Solution value

**Revenue Optimizer** drives up to 5 percent incremental revenue benefits through revenue-opportunity analysis, seamless inventory integration, real-time revenue management and ancillary consideration.

#### Complementary solutions

**Revenue Optimizer** is more powerful with SabreSonic Inventory, Sabre AirVision Fares Manager, Sabre AirVision Fares Optimizer and Sabre AirVision Dynamic Availability.

● PRICING AND REVENUE MANAGEMENT

Life of the flight

**Revenue Optimizer** is beneficial in the areas of product and pricing and capacity allocation.

## SALES AND REVENUE ANALYSIS

**Sabre AirVision Sales and Revenue Analysis** is a set of sales-management solutions that increase airline profitability by equipping sales teams with powerful insights into high-volume, contracted customer-buying behaviors. The solutions also monitor, analyze and formulate contracts with high-volume customers – often an airline’s highest-yielding business segment.

### Sabre AirVision PRISM Sales Information System: Contract

**Sabre AirVision PRISM Sales Information System: Contract** enables an airline’s sales organizations to collect data from customers’ purchases to model and forecast contract discounts and monitor fulfillment of those contracts against requirements.



#### Solution value

**PRISM Sales Information System: Contract** enables airlines to compute contracted discounts, market share, percent of contract requirements achieved and profit derived from contracted customers. The solution’s forecasting function allows the sales organization to model changes to contracts to optimize these measures.

#### Complementary solutions

**PRISM Sales Information System: Contract** is more powerful with Sabre AirVision Fares Manager.

#### Life of the flight

**PRISM Sales Information System: Contract** is beneficial in the area of distribution and channel optimization.

### Sabre AirVision PRISM Sales Information System: Report

**Sabre AirVision PRISM Sales Information System: Report** enables airlines to collect purchased data from customers to determine spend and share by market and aggregate overall performance of those customers.

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## SALES AND REVENUE ANALYSIS

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### Solution value

**PRISM Sales Information System: Report** enables airlines to compute market spend and market share derived from its customers. The decision-support function allows users to produce reports for customers, as well as for internal users to make decisions that optimize a customer's purchasing with that airline.

### Life of the flight

**PRISM Sales Information System: Report** is beneficial in the area of performance analysis.

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## SABRESONIC INVENTORY

**SabreSonic Inventory** allows airlines to increase revenue by applying true O&D revenue-management controls. It provides consistent, accurate and cost-effective availability across all channels and partners.

### SabreSonic Inventory

**SabreSonic Inventory** provides a single, enterprise-wide view of an airline's availability. It manages an airline's seat inventory and enables it to control and distribute available seats to various channels. The solution supports physical and financial controls, with a flexible business-rules engine that enables airlines to quickly implement a variety of business strategies to manage availability and waitlist processes, as well as control distribution channels.



#### Solution value

**Inventory** is a state-of-the-art availability-processing solution that enables the optimal management of seats while increasing revenues through O&D enablement, point-of-sale control, dynamic availability and real-time revenue management.

#### Complementary solutions

**Inventory** is more powerful with SabreSonic Seamless Codeshare, SabreSonic Bid Price Exchange, SabreSonic Partner Specific Availability, SabreSonic Distributed Availability and Sabre AirVision Dynamic Availability.

#### Life of the flight

**Inventory** is beneficial in the areas of network development, product and pricing, distribution and channel optimization, capacity allocation, schedule optimization, day of operations and recovery.

### CAPABILITIES

#### Bid Price Exchange

**SabreSonic Bid Price Exchange** enables partner airlines to share bid curves (minimum acceptable price for a seat) for availability calculation in their codeshare flights. It empowers the codeshare marketing airline to make the pricing decision by applying O&D financial controls, including codeshare segments.

## SABRESONIC INVENTORY

### Distributed Availability

**SabreSonic Distributed Availability** is a cloud solution that enables airlines to provide 100 percent accurate availability with low latency for any third party. It increases booking conversation in third-party shopping channels.

### Journey Data Activation

**SabreSonic Journey Data Activation** is a connectivity product activated in conjunction with GDSs that provides SabreSonic Inventory a full view of a passenger's journey, thereby increasing effectiveness of O&D availability evaluation and controls. It enables airlines to ensure O&D availability is correctly calculated when agents book segment-by-segment.

### Partner Specific Availability

**SabreSonic Partner Specific Availability** enables airlines to control and send specific availability (AVS) to codeshare marketing partners.

### True Availability

**SabreSonic True Availability** allows marketing codeshare airlines to receive real-time leg availability from their operating partners. It provides better connectivity between codeshare partners compared to exchanging AVS status messages. The capability enables airlines to bypass the teletype AVS messages and its limitations, thereby avoiding overbooking problems and enhancing availability controls for the operating codeshare partner.



## SABRESONIC SHOPPING

**SabreSonic Shopping** drives increased conversion through enhanced calendar views and personalized shopping results. It enables airlines to upsell to higher brands and provides post-ticketing self-service capabilities to exchange tickets.

### SabreSonic Core Shopping

**SabreSonic Core Shopping** returns up to 150 options of lowest-fare or branded-fare itineraries via Web services or point of sale for a given origin-and-destination and date-pair combination based on a traveler's request.



#### Solution value

**Core Shopping** enables travelers to use an airline's website or call center to find the best itinerary that meets their needs. At the same time, they can view a list of different schedules and branded fares to determine which options best suit their travel needs, enhancing the shopping experience.

#### Complementary solutions

**Core Shopping** is more powerful with Sabre API Hub, SabreSonic Digital Experience, SabreSonic Interact and SabreSonic Web Services.

#### Life of the flight

**Core Shopping** is beneficial when a consumer begins searching for air travel. It is also beneficial in the areas of product and pricing through to the day of operations.

### ●●● CAPABILITIES

#### Calendar Shopping

**SabreSonic Core Shopping Calendar Shopping** enables travelers to use an airline's website to find the lowest-cost or branded-fare itineraries for a particular day of travel or across multiple dates. It returns alternate-date and lowest-fare options, as well as the requested date flight options to broaden the shopping experience. It also enables airlines to display more options to improve conversion rates.

## SABRESONIC SHOPPING

### SabreSonic Exchange Shop

**SabreSonic Exchange Shop** returns up to 50 options of lowest-fare or branded-fare itineraries via web services or point of sale for a given origin-and-destination and date-pair combination based on a traveler's exchange request. It also returns accurate add-collect/refund amounts as calculated by an automated exchanges and refunds feature.



#### Solution value

**Exchange Shop** enables travelers to use an airline's website or call center to find the best itinerary that meets their travel-exchange needs. At the same time, they can view a list of different schedules and branded fares to determine which options are available for exchange, enhancing the shopping-exchange experience.

#### Complementary solutions

**Exchange Shop** is more powerful with Sabre API Hub, SabreSonic Digital Experience, SabreSonic Interact, SabreSonic Interline Branded Fares and SabreSonic Web Services.

#### Life of the flight

**Exchange Shop** is beneficial in the areas of product and pricing and day of operations.

### SabreSonic Seamless Codeshare

**SabreSonic Seamless Codeshare** provides interactive connectivity for availability and sell transactions between codeshare partners. It allows codeshare-marketing partners to obtain real-time O&D availability from their operating partners.



#### Solution value

**Seamless Codeshare** enables both codeshare partners to apply their O&D availability controls, only allowing/accepting bookings that represent revenue benefits for both from a revenue-management perspective.

#### Complementary solutions

**Seamless Codeshare** is more powerful with SabreSonic Inventory.

## SABRESONIC SHOPPING

### Life of the flight

**Seamless Codeshare** is beneficial in the area of product and pricing.

## SabreSonic Shopping Cache

**SabreSonic Shopping Cache** gives travel affiliates, such as meta-search engines, access to accurate airline content by directing traffic to an airline's website rather than screen scraping the website.



### Solution value

**Shopping Cache** gives travelers access to an airline's content via its meta-search engines or website to get the best deals without affecting the performance of the booking flow on an airline's website.

### Complementary solutions

**Shopping Cache** is more powerful with Sabre API Hub and SabreSonic Digital Experience.

### Life of the flight

**Shopping Cache** is beneficial when a consumer begins searching for air travel. It is also beneficial in the areas of product and pricing and distribution and channel optimization.

**Sabre**



# Commercial Platform

Offer Management

## SABRESONIC AIRLINE RETAILING

**SabreSonic Airline Retailing** enables airlines to offer the right product to the right customer at the right time across all touchpoints in the customer journey. Merchandising solutions enable airlines to create personalized offers inclusive of seats and ancillaries. E-commerce solutions provide access to robust, end-to-end retailing capabilities and allow airlines to differentiate their brand in their online storefront and omni-channel touchpoints. Airline Retailing is based on an integrated platform consisting of customer acquisition, select shopping and customer experience, as well as personalization, fulfillment and digital experience.

### Sabre Custom Messaging

**Sabre Custom Messaging** enables airlines to send custom notifications directly to their customers via email or SMS.



#### Solution value

**Sabre Custom Messaging** enhances the customer experience by advising travelers of schedule changes that occur in advance of departure, advising when they are eligible for web check-in (providing the URL link) and advising of flight-status changes (gate changes, delay information and cancellations) beginning 24 hours prior to departure and through departure. It also prompts travelers to contact the airline once the trip has ended to offer feedback about their experience.

#### Complementary solutions

**Sabre Custom Messaging** requires SabreSonic Web Check-in.

#### Life of the flight

**Sabre Custom Messaging** is beneficial in the area of product and pricing.

### SabreSonic Agency Manager

**SabreSonic Agency Manager** is a back-office credit- and commission-management solution for airlines that offer direct-distribution capabilities to agencies in their host partition.

## SABRESONIC AIRLINE RETAILING



### Solution value

**Agency Manager** enables airlines to track sales, commissions owed and credit used for revenue-accounting purposes.

### Life of the flight

**Agency Manager** is beneficial in the area of distribution and channel optimization.

## SabreSonic Ancillary Inventory

**SabreSonic Ancillary Inventory** offers the ability to add quota limits on the number of ancillaries or special service requests that can be sold per flight to support operational or business restrictions.



### Solution value

**Ancillary Inventory** helps minimize the overselling of specific ancillary items and restricts availability to ensure price premium for the product can be maintained. The solution increases revenues by optimally managing ancillary sales.

### Complementary solutions

**Ancillary Inventory** is more powerful with SabreSonic Ancillary Services.

### Life of the flight

**Ancillary Inventory** is beneficial in the area of product and pricing.

## SabreSonic Ancillary Services

**SabreSonic Ancillary Services** enables the sale of ancillary services by creating a retailing platform for airlines, allowing them to unbundle their services and create new revenue streams.



### Solution value

**Ancillary Services** enables airlines to create new revenue streams by selling new services not provided before or to unbundle their airfares to remove items such as seats and bags from the base fare and charge incremental fees for these services.

## ● SABRESONIC AIRLINE RETAILING

### Complementary solutions

**Ancillary Services** is more powerful with SabreSonic Ancillary Inventory.

### Life of the flight

**Ancillary Services** is beneficial in the area of product and pricing.

## ●●● CAPABILITIES

### EMD-A Direct

**SabreSonic Ancillary Services EMD-A Direct** enables airlines to create new revenue streams by charging for new services not provided before or by unbundling their airfares to remove items such as seats and bags from the base fare and charge new incremental fees for these services.

### EMD-A GDS

**SabreSonic Ancillary Services EMD-A GDS** extends airlines' ancillary sales channels into the GDS so the GDS can also select and pay for ancillary services, such as paid seats or prepaid bags, as part of the GDS reservations process. This increases the opportunity to generate additional ancillary revenue.

### EMD-S Direct

**SabreSonic Ancillary Services EMD-S Direct** automates the pricing and collection of service fees and nonflight-related ancillary fees with collection of payment via an electronic miscellaneous document (EMD).

### EMD-S GDS

**SabreSonic Ancillary Services EMD-S GDS** permits the GDS to collect and remit payment to the airline for nonticketed items, such as deposit or change fees.

## SabreSonic Digital Experience

**SabreSonic Digital Experience** is the next generation of e-commerce tools from Sabre. The Digital Experience capabilities enable airlines to develop fully responsive websites that offer a wide range of options, including shopping for flights, purchasing tickets and ancillaries and managing post-booking changes.



### Solution value

**Digital Experience** gives airlines faster time to market (TTM) through full ownership over the user experience.



## SABRESONIC AIRLINE RETAILING

### Complementary solutions

**Digital Experience** is more powerful with Sabre API Hub.

### Life of the flight

**Digital Experience** is beneficial in the area of distribution and channel optimization.

## CAPABILITIES

### Check-in

**SabreSonic Digital Experience Check-in** is Sabre's newest self-service check-in product; it's based on a responsive, mobile-ready website. This capability allows travelers to check in online through mobile and desktop devices. Airlines benefit from reduced cost of ownership and exposure to the most advanced ancillary capabilities Sabre has to offer.

### Manage Your Bookings

**SabreSonic Digital Experience Manage Your Bookings** allows passengers to make exchanges and cancellations and add ancillaries to existing bookings. By enabling passengers to service their own bookings, airlines can reduce the cost of call-center staff while increasing the airline brand.

## SabreSonic Dynamic Retailer

**SabreSonic Dynamic Retailer** is an integrated business-rules engine that combines shopping, pricing, customer insight and schedule and market information in real time to allow the creation of real-time dynamic offers.



### Solution value

**Dynamic Retailer** enables airlines to leverage actionable, data-driven customer insights to offer the right products and/or services at the right time. The solution helps generate real-time personalized offers tailored to all points of sale for a consistent customer experience.

### Complementary solutions

**Dynamic Retailer** is more powerful with SabreSonic Customer Insight and SabreSonic Interline Branded Fares.

## SABRESONIC AIRLINE RETAILING

### Life of the flight

**Dynamic Retailer** is beneficial in the area of distribution and channel optimization.

## SabreSonic Interline Ancillaries

**SabreSonic Interline Ancillaries** enables airlines to sell ancillaries on their interline and codeshare partner airlines.



### Solution value

**Interline Ancillaries** provides an industry standard for pricing, booking and fulfilling ancillaries on partner airlines' flights and vice versa, as well as across multiple airlines. It also provides relevant information (what was sold, what was paid for, at what price and what was delivered) to both the airline that sold the ancillary and the airline that delivers the ancillary.

### Complementary solutions

**Interline Ancillaries** is more powerful with SabreSonic Ancillary Services.

### Life of the flight

**Interline Ancillaries** is beneficial in the area of product and pricing.

## SabreSonic Interline Branded Fares

**SabreSonic Interline Branded Fares** enables airlines to configure their branded-fares strategy for their host and indirect channels.



### Solution value

**Interline Branded Fares** helps airlines create multiple levels of service or price points by creating brands unique to the airline, each with specific selling points, ancillary inclusions and price points.

### Complementary solutions

**Interline Branded Fares** is more powerful with SabreSonic Core Shopping, SabreSonic Interact, Sabre API Hub, SabreSonic Digital Experience and Sabre Red 360.

## ● ● ● SABRESONIC AIRLINE RETAILING

### Life of the flight

**Interline Branded Fares** is beneficial in the area of product and pricing.

## SabreSonic Revenue Integrity

**SabreSonic Revenue Integrity** identifies and removes unproductive bookings from an airline's inventory so the seats can be resold.



### Solution value

**Revenue Integrity** improves an airline's profitability by reviewing bookings in real time so bad bookings can more quickly be returned to inventory for resale while customer demand is still high. This results in higher load factors and fewer no-shows.

### Complementary solutions

**Revenue Integrity** is more powerful with SabreSonic Customer Sales & Service solutions and Sabre Intelligence Exchange.

### Life of the flight

**Revenue Integrity** is beneficial in the areas of product and pricing, distribution and channel optimization, capacity allocation, schedule optimization and day of operations.

## ● ● ● CAPABILITIES

### Analysis Reports

**SabreSonic Revenue Integrity Analysis Reports** provides a set of analysis reports, including Action Summary By Issue Category, Action Summary By Booking Source, Actioned Seats, Actioned PNRs, TTL Coverage, TTL Rules Usage and Number Of Days In Inventory Without Cancellation. Analysis Reports helps improve revenue-integrity business rules and identify patterns in inventory abuse.

### Agent Authorization Audit

**SabreSonic Revenue Integrity Agent Authorization Audit** determines if agents are misusing authorization codes. It enables an airline to monitor misuse of authorization codes and correct any problems by canceling service lines or segments, as well as by contacting the agents involved.

## SABRESONIC AIRLINE RETAILING

### Booking Class Mismatch

**SabreSonic Revenue Integrity Booking Class Mismatch** defines mismatched booking classes that are acceptable. All booking classes are compared, and if they are not classified as permitted matches, the airline is immediately notified so the issue can be effectively resolved. The capability enables airlines to easily identify and resolve illegal booking-class combinations.

### Churning

**SabreSonic Revenue Integrity Churning** identifies churning activity by comparing key attributes from new or changed bookings with previously canceled bookings. It enables an airline to configure the type of name matching performed to filter the selection further. It also counts the bookings that are considered churn candidates so the airline can track, report and/or act on the bookings or bookings sources.

### Duplicate PNRs

**SabreSonic Revenue Integrity Duplicate PNRs** identifies passengers who have booked multiple PNRs with conflicting itineraries. It addresses most duplicate-PNR scenarios experienced within the global airline industry. It also reduces spoilage by enabling airlines to quickly identify multiple passenger bookings.

### Duplicate Tickets

**SabreSonic Revenue Integrity Duplicate Tickets** compares new ticket numbers to all previous ticket numbers. If the same ticket number is used in more than one PNR, user-defined actions are taken on the offending PNR. Duplicate Tickets reduces spoilage by enabling airlines to quickly identify duplicate tickets.

### Fictitious Block Seats

**SabreSonic Revenue Integrity Fictitious Block Seats** identifies when an agent is blocking seats for a flight by creating individual PNRs that are not associated with real customers. The capability analyzes all new and updated PNRs and determines how many PNRs the same agent has created for the flight. If the number of seats exceeds the block-seat threshold, the segments are marked and reprocessed for resale.

### Fictitious Names

**SabreSonic Revenue Integrity Fictitious Names** compares names in a PNR against a user-maintained list of fictitious names, as well as patterns and combinations of letters that appear to be suspicious. The capability searches for fictitious names in PNRs that are used to hold bookings. Identifying fictitious names and freeing up the seats as early as possible enables airlines to return the seats back to inventory for sale.

## SABRESONIC AIRLINE RETAILING

### Fictitious Tickets

**SabreSonic Revenue Integrity Fictitious Tickets** validates format and form codes of ticket numbers to ensure the number provided is a valid ticket number. Each number is evaluated individually, and user-defined actions are taken when fictitious numbers are identified. The capability searches for fictitious tickets in PNRs that are used to hold bookings. Identifying fictitious tickets and freeing up the seats as early as possible enables airlines to return the seats back to inventory for sale.

### GDS Cancellations Report

**SabreSonic Revenue Integrity GDS Cancellations Report** notifies airlines when a GDS-originated booking is canceled by the host reservations system. This enables airlines to compare the report with the billing information data tapes report to determine if they are being charged for segments that were not removed correctly by agents.

### Groups Firming

**SabreSonic Revenue Integrity Groups Firming** automatically handles group PNRs that do not have a paid deposit according to rules and/or do not have names for all seats reserved. This enables airlines to send reminders or cancel bookings if all the passenger names are not listed in the group booking and/or all deposits have not been collected.

### Incomplete Itinerary

**SabreSonic Revenue Integrity Incomplete Itinerary** analyzes itineraries and PNRs that have some confirmed segments and some waitlisted segments that prevent the itineraries from being completed. PNRs with incomplete itineraries are flagged and seats are returned to inventory for resale.

### MCT Violation (Minimum Connect Time)

**SabreSonic Revenue Integrity MCT Violation (Minimum Connect Time)** uses information from OAG/Innovata to identify PNRs that contain minimum-connection-time violations. Airline analysts can define if additional or less time should be allowed for specific connections.

### Missing Document Search

**SabreSonic Revenue Integrity Missing Document Search** confirms that a PNR contains the required passport and/or visa information prior to departure (Document SSRs). The process can effectively set a “time limit” by which the required documents should be present in the PNR. Identifying early in the process that documents are missing helps avoid check-in complications and customer dissatisfaction at the airport.

## SABRESonic AIRLINE RETAILING

### Name Change Detection

**SabreSonic Revenue Integrity Name Change Detection** compares the name in the PNR to the name as it was when originally booked. Discrepancies that are found and are not in compliance with regulations are flagged for resolution. Some airlines charge for changing a name in a booking/ticket, and the capability helps airlines detect name changes so charges can be applied or fees can be collected correctly.

### No-Show

**SabreSonic Revenue Integrity No-Show** manages all passenger no-show PNRs. It ensures that downline segments are canceled, and if they are integrated with the e-ticket server, the coupon status can be updated to enforce collection of no-show fees and prevent unauthorized refunds.

### O&D Availability Abuse/Married Segment Handling

**SabreSonic Revenue Integrity O&D Availability Abuse/Married Segment Handling** examines married-segment indicators in the reservations booking and uses the indicators to determine if a violation of married segments has occurred in the booking.

### Out of Sequence Coupon Usage

**SabreSonic Revenue Integrity Out Of Sequence Coupon Usage** determines if flown coupons have been used in a different order than they were in the issued ticket. The capability helps airlines identify where agents/customers are not using coupons in the correct order to gain some advantage by paying less/not paying enough for their specific itinerary.

### Passenger Search

**SabreSonic Revenue Integrity Passenger Search** searches incoming PNRs (new or changed) for specific passengers. When a match is found, the airline analyst is alerted and immediate action can be taken. Passenger Search enables airlines to provide exceptional service to certain passengers and/or prevent travel of black-listed passengers.

### Passive Segment

**SabreSonic Revenue Integrity Passive Segment** reduces the risk of passive-segments abuse. As a result, it reduces GDS costs associated with the abusive use of passive segments.

### PNR vs. Ticket Discrepancy

**SabreSonic Revenue Integrity PNR vs. Ticket Discrepancy** links each ticket coupon with the closest-matching PNR passenger segment. Any discrepancy between them is flagged. Some airlines charge for changing information in a booking/ticket, and the capability helps airlines detect changes so charges can be applied or fees can be collected correctly. The capability requires ticket-sales data.

## SABRESONIC AIRLINE RETAILING

### Point of Sale Violation – PNR

**SabreSonic Revenue Integrity Point of Sale Violation – PNR** compares the starting country of the travel journey with the point-of-sale country. If they do not match, the PNR is flagged to ensure the airline receives the appropriate revenue based on the origin of the purchase.

### Point of Sale Violation – Ticket

**SabreSonic Revenue Integrity Point of Sale Violation – Ticket** validates that the ticket was issued in another country than the departure point of the first coupon. Once identified, the ticket is flagged to ensure the airline receives the appropriate revenue based on the origin of the purchase.

### Redundant Segments

**SabreSonic Revenue Integrity Redundant Segments** identifies PNRs that contain segments with the same origin and destination yet both segments cannot possibly be used due to time overlap. This is not a trip-based capability but works on the segment level. Removing segments that cannot be used within the same PNR enables airlines to sell those segments to other paying travelers.

### Ticket Time Limit (TTL)

**SabreSonic Revenue Integrity Ticket Time Limit (TTL)** sets a TTL for each unticketed PNR based on various itinerary- and segment-level attributes such as start and end of trip, flight numbers and booking class. The capability can be configured to work in either trip mode or in segment mode. The capability ensures that unticketed bookings get canceled after a specified period so seats can be released to inventory for resale.

### Time Limit (TL) on Ancillaries & Cancel

**SabreSonic Revenue Integrity Time Limit (TL) on Ancillaries & Cancel** automatically adds a time limit to all ancillaries being booked in the airline partition. This reduces the amount of ancillary spoilage for an airline.

### TTY Reject Handling

**SabreSonic Revenue Integrity TTY Reject Handling** automates the processing of teletype-reject messages that have been placed by the reservations system based on priority levels. It ensures that specific messages are handled in the manner that best supports the airline's fares and customer-service policies.

### Waitlist Segment Cancellation

**SabreSonic Revenue Integrity Waitlist Segment Cancellation** removes waitlisted segments at an airline-defined time prior to departure. Removing waitlisted segments 48 hours prior to departure ensures an airline does not charge a GDS fee.

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## SABRESONIC AIRLINE RETAILING

### SabreSonic TripCase Document Delivery

**SabreSonic TripCase Document Delivery** is a confirmation email platform for ticketed and unticketed PNRs. It provides travelers with relevant information such as itinerary, virtual-coupon records and electronic miscellaneous document receipts, and it is supported in 26 languages.



#### Solution value

**TripCase Document Delivery** enables airlines to configure confirmation emails at the host level, group point of sale or single point of sale.

#### Life of the flight

**TripCase Document Delivery** is beneficial in the area of product and pricing.

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## SABRESONIC RESERVATIONS

**SabreSonic Reservations** enables airlines to effectively sell products and serve customers throughout the customer journey and across their partner network. This includes the management of bookings, inventory control, passenger check-in and airport experience, all while accounting for end-to-end revenue. The solution confirms accurate ticketing and reporting of sales generated through the airport, ticket offices and call centers, ensuring an airline is selling seats at the best price with optimal controls and true availability.

## SabreSonic Automated Exchange and Refunds

**SabreSonic Automated Exchange and Refunds** automates an airline's process for completing domestic and international ticket reissues and exchanges. It includes change fees and add collects through the automatic calculation of taxes, fares and ticketing for published and private fares using ATPCO CAT31 and CAT33 data. Its automated-exchange functionality accommodates all voluntary and involuntary ticket reissues and is fully integrated to bring functionality across reservations, airport check-in and e-commerce. In addition, it provides exchange and refund capabilities during irregular operations, such as mechanical failures, weather challenges and schedule changes. This allows for involuntary reroute, schedule changes and no-coupon processing due to flight diversions.



### Solution value

**Automated Exchange and Refunds** enables airlines to automate the process of exchanging/reissuing tickets faster without manual input. It calculates additional collections and refunds automatically, which protects the airline's revenue.

### Complementary solutions

**Automated Exchange and Refunds** is more powerful with SabreSonic Interact, SabreSonic PNR, SabreSonic Pricing, SabreSonic Airport Check-in, SabreSonic Inventory, SabreSonic Schedule Change, SabreSonic Ancillary Services and Sabre Data & Analytics Revenue Accounting.

### Life of the flight

**Automated Exchange and Refunds** is beneficial in the area of product and pricing.

## SABRESONIC RESERVATIONS

### SabreSonic Codeshare

**SabreSonic Codeshare** enables airlines to broaden their networks by placing their airline code on flights operated by partner carriers.



#### Solution value

**Codeshare** gives airlines a low-cost, low-risk means to introduce their brand into a market through their partners' networks.

#### Complementary solutions

**Codeshare** is more powerful with Sabre AirVision Codeshare Manager.

#### Life of the flight

**Codeshare** is beneficial in the area of network development.

## CAPABILITIES

#### Codeshare Through Check-in

**SabreSonic Codeshare Through Check-in** gives airlines the option of having both prime segments and operating codeshare segments marketed by their partners contained in a single PNR to facilitate through check-in of passengers. It increases agent productivity and customer satisfaction by ensuring bag tags and boarding passes are available at the first point of contact for the complete journey.

### SabreSonic Connectivity

**SabreSonic Connectivity** is the grouping of several different global distribution-system-connectivity solutions.



#### Life of the flight

**SabreSonic Connectivity** is beneficial in the area of distribution and channel optimization.

## CAPABILITIES

#### Answerback

**SabreSonic Connectivity Answerback** returns the record locator from the reservations system when a transaction has ended. It provides confirmation that the information was received by the other reservations system. This minimizes uncertainty and ensures system synchronization.

## SABRESONIC RESERVATIONS

### Direct Access Interactive

**SabreSonic Connectivity Direct Access Interactive** allows GDS travel agents to directly access host availability by entering a unique entry format to display true last-seat availability. It mimics the information that an airline agent would see and provides real-time availability.

### Direct Connect Availability

**SabreSonic Connectivity Direct Connect Availability** allows a GDS travel agent to input familiar, native availability entries (e.g., neutral, carrier specific, etc.). The GDS selects flights from its schedules database and requests specific flight availability via the EDIFACT message. The participating airline's actual last-seat availability is returned and integrated within the neutral city-pair availability display, based on the point-of-sale data of the requesting agent/agency. A seamless availability response is sent back to the requesting agent via EDIFACT with the inventory counts. By providing real-time availability and O&D controls for airlines, Direct Connect Availability enables them to further optimize their revenue. Given that the sell is interactive as well, it protects the integrity of the booking.

### Direct Connect Sell

**SabreSonic Connectivity Direct Connect Sell** is an interactive message that decrements Sabre host inventory at the time of a sale. It allows the booking of O&Ds instead of local bookings only, thereby improving airline revenue opportunities. It also serves as the basis for more complex availability and sell products, as well as decrements inventory in real time, minimizing out-of-balance issues.

### GDS Claim

**SabreSonic Connectivity GDS Claim** gives GDSs and reservations systems the ability to display, view, claim and transfer control of SabreSonic PNR data by using standard EDIFACT messages. It enables agencies to take control of bookings and make changes without having to coordinate with the airline.

### GDS Electronic Ticketing

**SabreSonic Connectivity GDS Electronic Ticketing** gives airlines the ability to distribute electronic tickets through travel agencies. It replaces paper tickets, which aligns with IATA industry standards and eliminates paper-related costs. It also provides greater distribution for airlines.

### GDS Married Connections

**SabreSonic Connectivity GDS Married Connections** protects the integrity of an itinerary sold as an O&D so a travel agent can't cancel only one of the segments of a group of segments sold together, effectively circumventing O&D controls.

### GDS Point of Sale

**SabreSonic Connectivity GDS Point of Sale** enables airlines to refine their inventory controls based on the point-of-sale information sent by the GDS, resulting in incremental revenue gains.

## SABRESONIC RESERVATIONS

### Group Management Tools

**SabreSonic Connectivity Group Management Tools** provide three main solutions to manage group reservations, including block-space, corporate and large-party reservations. Using these group-management solutions, airlines can create and synchronize reservations internally or with GDSs and other airline partners.

### Interactive Seat Maps

**SabreSonic Connectivity Interactive Seat Maps** displays the seat map in real time so travel agents can book a customer's preferred seat.

### PNR Servicing – Borrow

**SabreSonic Connectivity PNR Servicing – Borrow** enables airlines to take a shadow copy of a partner PNR to assist with joint-alliance customers during irregular operations. It improves customer satisfaction during irregular operations recovery.

### PNR Servicing – Lend

**SabreSonic Connectivity PNR Servicing – Lend** enables airlines to share a copy of their PNR with a partner so the partner can assist joint-alliance customers during irregular operations. It improves customer satisfaction during irregular-operations recovery.

### Pre-reserved Seats

**SabreSonic Connectivity Interactive Pre-reserved Seats** gives travel agents the ability to request a specific seat from a participating airline via EDIFACT, providing immediate confirmation of seat assignments. The capability runs in real time, which helps eliminate sync and/or overbooking issues.

## SabreSonic Core Reservations

**SabreSonic Core Reservations** provides an end-to-end booking, distribution and fulfillment solution. It delivers inventory, reservations, fares, pricing and ticketing services. The solution family consists of core services that each address a specific business need and a functional area for airlines.



### Solution value

**Core Reservations** provides a core platform and integration point for the other complementary SabreSonic solution families, including retailing, departure control, customer centricity, data/analytics, alliances, codeshare and platform services. Customer data, such as customer-booking and customer-profile information, is shared within the entire SabreSonic Reservations solution family and across other solution families, allowing end-to-end workflow and customer handling from point of sale through fulfillment.

## SABRESONIC RESERVATIONS

### Complementary solutions

**Core Reservations** is more powerful with all solutions that write or read information to and from a passenger's reservation.

### Life of the flight

**Core Reservations** is beneficial in the areas of product and pricing, distribution and channel optimization, capacity allocation, schedule optimization, day of operations, recovery and performance analysis.

## SabreSonic Kiosk Check-in

**SabreSonic Kiosk Check-in** enables airlines to improve their self-service requirements by providing passengers the ability to print boarding passes and bag tags without the need to go through a check-in agent.



### Solution value

**Kiosk Check-in** improves passenger satisfaction and reduces overhead expenses.

### Complementary solutions

**Kiosk Check-in** is required for SabreSonic Kiosk Check-in.

### Life of the flight

**Kiosk Check-in** is beneficial in the area of day of operations.

## SabreSonic Payments

**SabreSonic Payments** is a secure, compliant payment-acceptance and -settlement platform. It functions globally across all distribution channels while supporting other key systems necessary to ensure an end-to-end booking-and-fulfillment process. It provides multiple options such as connectivity to global and regional payment service providers, acquirers, payment schemas and alternative form-of-payment aggregators. It also provides additional payment capabilities such as FX solutions and support for installment payments.

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## SABRESONIC RESERVATIONS



### Solution value

**Payments** allows an airline to offer a fully compliant and integrated airline-payment solution. It supports multiple distribution channels from booking and ticketing to reconciliation. Airlines benefit from streamlined payment processing, fraud tools and a wide range of payment options.

### Complementary solutions

**Payments** is more powerful with SabreSonic Digital Experience, SabreSonic Interact and fulfillment systems such as SabreSonic Ticketing and SabreSonic Automated Exchanges and Refunds.

### Life of the flight

**Payments** is beneficial in the area of distribution and channel optimization.

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## CAPABILITIES

### 3D Secure

**SabreSonic Payments 3D Secure** supports the authentication of web credit-card transactions via multiple 3DS MPIs (merchant plug-ins). The capability allows for credit-card-chargeback liability to shift from the airline to the card issuer.

### Fraud Management

**SabreSonic Payments Fraud Management** supports the implementation of a third-party fraud-screening tool within the payment-authorization process. It is available pre- and post-card authorization or pre- and post-ticket issuance. It enables airlines to reduce fraud by using fraud-screening tools that are integrated in the Sabre platform within the booking and selling processes.

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## SabreSonic Pricing

**SabreSonic Pricing** enables airlines to construct and deliver the total price for air travel based on airline rules, government taxes, airport fees and carriers' fees. It gives the ability to compute the applicable fare for a specific itinerary, price-published fares and private fares in a single action. The solution is called upon by all points of sale required to provide fare information for a given itinerary.



### Life of the flight

**Pricing** is beneficial in the area of product and pricing.

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## ● SABRESONIC RESERVATIONS

### SabreSonic Schedule Change

**SabreSonic Schedule Change** gives airlines the ability to add, cancel and change flights in their schedule.



#### Solution value

**Schedule Change** enables schedule optimization for airlines.

#### Complementary solutions

**Schedule Change** is more powerful with Sabre AirVision Schedule Manager.

#### Life of the flight

**Schedule Change** is beneficial in the area of schedule optimization.

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## ●● CAPABILITIES

### Inbound SSIM File

**SabreSonic Schedule Change Inbound SSIM File** enables airlines to receive a schedule file from their partners. It allows carriers to notify their partners of changes to their schedule in real time.

### Outbound SSIM File

**SabreSonic Schedule Change Outbound SSIM File** enables airlines to send a file of their schedule to partners or other users. The capability gives carriers a low-cost, low-risk method of introducing their brand into a market through their partners' networks.

### SSMs Outbound

**SabreSonic Schedule Change SSMs Outbound** enables airlines to notify their partners of changes to their schedules using industry-standard SSM messages. It improves customer satisfaction during irregular operations recovery.

## SABRESONIC RESERVATIONS

### SabreSonic Ticketing

**SabreSonic Ticketing** enables airlines to maintain accountable travel and payment information for all travelers by storing comprehensive details of the traveler's entitlement to travel. Itineraries with up to 16 segments can be ticketed electronically. Electronic tickets, also known as virtual coupon records (VCRs), are retained in the solution until seven days after the last flight segment becomes inactive.

An inactive status could be flown, refunded or exchanged. If there is at least one active flight segment, the electronic ticket is retained for up to 396 days from the date of the first flight coupon. After all flight coupons have been used, the electronic ticket is retained in the solution for seven days. It is possible to print an electronic ticket to paper and the solution fully supports 99 taxes.

On original issue and exchange tickets the solution allows a total of 10 or 11 digits, depending on the decimal placement, as well as the 3-character currency code. This is applicable to the base, equivalent, tax and total fields on a ticket.



#### Solution value

**Ticketing** replaces paper tickets, which aligns with IATA industry standards and eliminates paper-related costs.

#### Complementary solutions

**Ticketing** is more powerful with SabreSonic Interact, SabreSonic PNR, SabreSonic Pricing, SabreSonic Check-in, SabreSonic Inventory, SabreSonic Schedule Change, SabreSonic Ancillary Services and Sabre Data & Analytics Revenue Accounting.

#### Life of the flight

**Ticketing** is beneficial in the area of distribution and channel optimization.

### SabreSonic Travel Bank

**SabreSonic Travel Bank** enables airlines to set up a secure electronic funds account that can be established for a traveler or corporation where funds can be credited and then debited as a form of payment for air tickets and ancillary products, allowing a traveler to purchase or refund an air ticket or EMD. A traveler must first have a customer-insight profile created for security validation and identification to obtain a Travel Bank account. The Travel Bank solution can also be used to give a traveler the ability to exchange an ancillary when there is a residual amount (via EMD).



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## SABRESONIC RESERVATIONS

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### Solution value

**Travel Bank** increases revenue by enticing future bookings and increasing sales conversions. It reduces costs by avoiding credit-card fees for bookings and refunds, as well as improves revenue recognition. The solution also gives airlines the flexibility to offer alternative payment options such as barter and incentive-based marketing. In addition, it increases customer loyalty by storing credits (compensation or residual ticket value) for future travel.

### Complementary solutions

**Travel Bank** is more powerful with SabreSonic Interact, SabreSonic PNR, SabreSonic Pricing, SabreSonic Airport Check-in, SabreSonic Inventory, SabreSonic Schedule Change, SabreSonic Ancillary Services, Sabre Data & Analytics Revenue Accounting, SabreSonic Payments, SabreSonic Web Services, SabreSonic Flight Compensation and SabreSonic Customer Insight.

### Life of the flight

**Travel Bank** is beneficial in the area of product and pricing.

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**Sabre**



# Commercial Platform

Order Management

## SABRESONIC AIRPORT SOLUTIONS

**SabreSonic Airport Solutions** provide a seamless walk-through experience at the airport with automated and self-service check-in solutions. Agent interfaces focus on exception handling and enable personalized customer service at every touchpoint, with expanded ancillary-sale opportunities. Airport Solutions allows for expedited baggage handling and efficient recovery from irregular operations. It also calculates the optimal weight and balance for each flight.

### SabreSonic 3rd Party Ground Handling Check-in

**SabreSonic 3rd Party Ground Handling Check-in** gives airlines the ability to ground handle another airline using their system to perform airport functions such as check-in, gates and boarding.



#### Solution value

**3rd Party Ground Handling Check-in** allows airlines to expand their network without having the high operational and staff costs in a particular airport. An airline can contract another carrier to perform airport functions on its behalf.

#### Complementary solutions

**3rd Party Ground Handling Check-in** is more powerful with SabreSonic Airport Check-in.

#### Life of the flight

**3rd Party Ground Handling Check-in** is beneficial in the area of day of operations.

### SabreSonic 3rd Party Ground Handling E-Ticketing

**SabreSonic 3rd Party Ground Handling E-Ticketing** supports electronic-ticket handling according to IATA Resolution 722h when a check-in is performed by a third-party departure control system (DCS). IATA Resolution 722h defines two methods of processing data in a ground-handling environment: control and interactive. The control method requires the ground handler to obtain control of the electronic ticket and send “flown” coupon status updates to the operating carrier. The interactive method allows each airline to retain control of the electronic ticket and requires the ground handler to communicate all flight-coupon updates. 3rd Party Ground Handling E-Ticketing supports both data-processing methods.

## SABRESONIC AIRPORT SOLUTIONS



### Solution value

**3rd Party Ground Handling E-Ticketing** allows greater distribution for airlines without the additional costs of supporting airline staff. It also creates partnerships with ground-handling companies and other airlines.

### Complementary solutions

**3rd Party Ground Handling E-Ticketing** is more powerful with SabreSonic Check-in, SabreSonic PNR and Sabre Data & Analytics Revenue Accounting.

### Life of the flight

**3rd Party Ground Handling E-Ticketing** is beneficial in the area of day of operations.

## SabreSonic Airport Check-in

**SabreSonic Airport Check-in** is the core host system that enables airlines to perform airport-related functions such as passenger check-in and boarding.



### Solution value

**Airport Check-in** automates an airline's airport operations, which increases productivity and promotes a positive customer experience.

### Complementary solutions

As a core host system, **Airport Check-in** integrates well with other POS, giving airlines the full end-to-end experience. It is also more powerful with SabreSonic Web Check-in, SabreSonic Kiosk Check-in, SabreSonic Digital Workspace for Tablet, Sabre API Hub and SabreSonic Digital Experience.

### Life of the flight

**Airport Check-in** is beneficial in the areas of day of operations and recovery.

## CAPABILITIES

### Ancillary Reaccommodation Utility

**SabreSonic Airport Check-in Ancillary Reaccommodation Utility** resolves ticketing and ancillary issues after passenger reaccommodation to ensure passengers receive the ancillaries they purchased. It also helps ensure that passengers are able to easily board new flights because there are no ticketing or ancillary issues preventing the process.

## SABRESONIC AIRPORT SOLUTIONS

### Auto Check-in

**SabreSonic Airport Check-in Auto Check-in** automates the check-in process for eligible customers while remaining compliant with security and government mandates.

Eligible flights and customer types for automatic check-in are set up by the airline based on a variety of attributes in the graphical interface. Auto Check-in reduces manual agent-check-in processes and improves customer satisfaction by preventing long lines.

### Auto Timatic

**SabreSonic Airport Check-in Auto Timatic** verifies 100 percent of required international travel documents and sends the information to IATA's database. Every document for international travelers is verified against their itineraries to ensure proper visa, transit and final destination entries. This alleviates immigration penalties for airlines that inadvertently allow a noncompliant traveler to board their aircraft.

### EDIFACT Thru Check-in

**SabreSonic Airport Check-in EDIFACT Thru Check-in** gives airlines the ability to through check, view seat maps, change seats and reprint boarding passes for passengers connecting to another airline. It improves operational efficiencies for airlines while improving the travel experience for passengers.

### Flight Compensation

**SabreSonic Airport Check-in Flight Compensation** automates the process of providing service credits to passengers for an entire flight manifest or PNRs on a queue. It helps improve customer service by proactively compensating customers for service disruptions through paperless credits. It also helps maximize revenue growth by incentivizing customers to book another flight in the future given that some customers will take the next trip to avoid losing credits.

### Watchlist Manager

**SabreSonic Airport Check-in Watchlist Manager** is a GUI-based application airlines use to populate their watchlist, which is provided by the U.S. Transportation Security Administration. It helps improve the security process for passengers who are on the U.S. Government Watchlist.

## SabreSonic Auto Seating

**SabreSonic Auto Seating** enables airlines in the SabreSonic community to identify specific passengers for whom they wish to give special consideration (such as high-value customers or those with special needs) and allocate special seating for them using a time-initiated automated process.

## SABRESONIC AIRPORT SOLUTIONS



### Solution value

**Auto Seating** ensures passengers with special needs or high value obtain preferred seating. It also helps reduce manual processes used to assign seats on the day of departure.

### Complementary solutions

**Auto Seating** is more powerful with SabreSonic Airport Check-in Auto Check-in.

### Life of the flight

**Auto Seating** is beneficial in the area of day of operations.

## SabreSonic IROPS Reaccommodation

**SabreSonic IROPS Reaccommodation** enables airlines to simplify and automate the process of rebooking passengers affected by disruptions while minimizing the overall cost impact.



### Solution value

**IROPS Reaccommodation** centralizes recovery efforts, resulting in improved customer satisfaction and increased agent productivity.

### Complementary solutions

**IROPS Reaccommodation** is more powerful with SabreSonic Ancillary Reaccommodation Utility and SabreSonic Auto Check-In.

### Life of the flight

**IROPS Reaccommodation** is beneficial in the areas of day of operations and recovery.

## SABRESONIC AIRPORT SOLUTIONS

### SabreSonic Interline Electronic Ticketing

**SabreSonic Interline Electronic Ticketing** enables the exchange of inbound and outbound interline electronic tickets with multiple participating airlines through a single connection to the fulfillment hub. The solution can transmit and receive EDIFACT messages with an airline's interline partners. This hub-based solution allows connectivity with a new interline partner to be established quickly and easily. The fulfillment hub supports recent select EDIFACT releases and versions to meet an airline's unique requirements. The neutral message translator guarantees the outbound EDIFACT structure, regardless of the inbound EDIFACT version.



#### Solution value

**Interline Electronic Ticketing** allows greater distribution for airlines with their partner airlines and will generate additional revenue.

#### Complementary solutions

**Interline Electronic Ticketing** is more powerful with SabreSonic Interact, SabreSonic PNR, SabreSonic Pricing, SabreSonic Check-in, SabreSonic Inventory, SabreSonic Schedule Change, SabreSonic Ancillary Services and Sabre Data & Analytics Revenue Accounting.

#### Life of the flight

**Interline Electronic Ticketing** is beneficial in the area of product and pricing.

### SabreSonic Load Manager

**SabreSonic Load Manager** is an integrated weight-and-balance solution that addresses critical load-planning and management functions. Delivered through a user friendly GUI, it allows airlines an accurate and straightforward means of performing the required weight-and-balance tasks for flight loading and safety.



#### Solution value

**Load Manager** maximizes aircraft-fuel efficiency by determining the optimal center of gravity for every aircraft.

#### Complementary solutions

**Load Manager** is more powerful with SabreSonic Airport Check-in, Sabre AirCentre Flight Plan Manager and Sabre AirCentre Movement Manager.

## SABRESONIC AIRPORT SOLUTIONS

### Life of the flight

**Load Manager** is beneficial in the area of day of operations.

## SabreSonic Offline DCS Hub

**SabreSonic Offline DCS Hub** maintains operations at the airport when network or host access is interrupted. It replaces the current manual process, as well as supports synchronization back to the host once connectivity is restored.



### Solution value

**Offline DCS Hub** ensures minimal impact to servicing standards and reputation. It maintains customer satisfaction by avoiding long queues and customer wait times, as well as reduces human errors and negative financial impact.

### Complementary solutions

**Offline DCS Hub** is more powerful with SabreSonic Interact.

### Life of the flight

**Offline DCS Hub** is beneficial in the areas of day of operations and recovery.

## SabreSonic Offline DCS Lite

**SabreSonic Offline DCS Lite** maintains operations at the airport when network or host access is interrupted.



### Solution value

**Offline DCS Lite** ensures minimal impact to servicing standards and reputation. It maintains customer satisfaction by avoiding long queues and customer wait times, as well as reduces human errors and negative financial impact.

### Complementary solutions

**Offline DCS Lite** is more powerful with SabreSonic Interact.

### Life of the flight

**Offline DCS Lite** is beneficial in the areas of day of operations and recovery.



## SABRESONIC AIRPORT SOLUTIONS

### SabreSonic Self Service Reaccommodation

**SabreSonic Self Service Reaccommodation** enables airlines to equip passengers with the ability to reaccommodate themselves via a rebooking and reissue flow on the web or a mobile device. It also gives airlines the ability to control (via a rules interface) the scope of waivers to offer affected passengers based on flight details, flight status or passenger-tier information.



#### Solution value

**Self Service Reaccommodation** reduces manual agent activities, freeing them to focus on other passenger needs and reducing call-center support costs for the airline. It also improves passenger satisfaction by giving travelers the ability to manage their own reaccommodations during a disruption or delay via the convenience of their desktops or mobile devices.

#### Complementary solutions

**Self Service Reaccommodation** can only be accessed via Sabre API Hub or SabreSonic Digital Experience.

#### Life of the flight

**Self Service Reaccommodation** is beneficial in the areas of day of operations and recovery.

**Sabre**



# Commercial Platform

Sabre API Hub

## SABRE API HUB

### Sabre API Hub

**Sabre API Hub** solution is an orchestrated service that exposes key capabilities of Sabre's eCommerce platform as APIs while abstracting its underlying architecture and infrastructure. It enables airlines to develop their own user interface leveraging on the capabilities offered by Sabre API Hub APIs.



#### Solution value

**Sabre API Hub** as an API-based commerce platform enables airlines to achieve faster speed to market with new digital experiences. Airlines benefit from streamlined API management and flexibility and can easily enable optimized and personalized customer experiences across all digital points of sale, including web, mobile web and mobile apps.

#### Complementary solutions

**Sabre API Hub** is more powerful with SabreSonic Dynamic Retailer, SabreSonic Dynamic Rewards, SabreSonic Self Service Reaccommodation and Sabre Enterprise Payment Gateway.

#### Life of the flight

**Sabre API Hub** is beneficial in the area of distribution and channel optimization.

### ●●● CAPABILITIES

#### Check-in

**Sabre API Hub Check-in** exposes a set of APIs that enables airlines to build a customized and personalized check-in experience. Through the capability, airlines can enable their customers to check in, select seats and generate boarding passes at their convenience, boosting the customer experience.

#### Manage Your Bookings

**Sabre API Hub Manage Your Bookings** exposes a set of APIs that enables airlines to build their own custom user experience that allows travelers to service and/or change their bookings. The solution enables airlines to deliver a consistent user experience across all touchpoints. By enabling passengers to service their own bookings, airlines can reduce the cost of call-center staff while enhancing the airline brand.

## Shop And Book

**Sabre API Hub Shop And Book** enables airlines to build and host their own booking-engine user interface to sell air content directly to a consumer via the web, mobile web or mobile apps. This enhances the customer experience and the airline's brand.

**Sabre**



# Commercial Platform

Omni-channel Experience

## OMNI-CHANNEL EXPERIENCE

The **Omni-channel Experience** differentiates your brand and personalizes all customer touchpoints. Consumers no longer want a transaction but an experience when they travel. They shop across devices and want flexibility of choice and self-service offerings. Owning the customer experience is key to creating a consistent experience and ensuring speed to market. Even beyond their online storefront, the challenge most airlines face today is seamless fulfillment and service delivery. Agent interactions need to evolve to focus on exception handling, ancillary upsell and delivering personalized customer experiences.

Reimagined traveler and agent interfaces give your airline flexibility to deliver differentiated experiences that uniquely represent your brand. Ultimately, by creating unique channel experiences, your airline will place the right product at the right place at the right time to drive channel growth, conversions and loyalty.

## SabreSonic Digital Experience

**SabreSonic Digital Experience** is the next generation of e-commerce tools from Sabre. The Digital Experience capabilities enable airlines to develop fully responsive websites that offer a wide range of options, including shopping for flights, purchasing tickets and ancillaries and managing post-booking changes.



### Solution value

**Digital Experience** gives airlines faster time to market (TTM) through full ownership over the user experience.

### Complementary solutions

**Digital Experience** is more powerful with Sabre API Hub.

### Life of the flight

**Digital Experience** is beneficial in the area of distribution and channel optimization.

## CAPABILITIES

### Check-in

**SabreSonic Digital Experience Check-in** is Sabre's newest self-service check-in product, based on a responsive, mobile-ready website. This capability allows travelers to check in online through mobile and desktop devices. Airlines benefit from reduced cost of ownership and exposure to the most advanced ancillary capabilities Sabre has to offer.

## OMNI-CHANNEL EXPERIENCE

### Manage Your Bookings

**SabreSonic Digital Experience Manage Your Bookings** allows passengers to make exchanges and cancellations and add ancillaries to existing bookings. By enabling passengers to service their own bookings, airlines can reduce the cost of call-center staff while increasing the airline brand.

## SabreSonic Interact

**SabreSonic Interact** enables airline agents to book and service airline-related travel bookings in the call-center application. The departure-control application enables check-in at the airports for passengers and baggage.



### Solution value

**Interact** gives airlines a method to book and service all travel bookings regardless of which channel was used for the original booking. It interfaces easily with other products in the Sabre solutions portfolio.

### Complementary solutions

**Interact** is more powerful with SabreSonic Airport Check-in and Sabre QIK solutions.

### Life of the flight

**Interact** is beneficial in the areas of product and pricing and distribution and channel optimization.

## SabreSonic Digital Workspace

**SabreSonic Digital Workspace** is an airport and call-center/reservations agent-facing solution. It is fully built on cloud-based technology within SabreSonic Digital Connect. The solution provides agents full flexibility and faster processing time, enabled by modern and flexible technology and workflows.



### Solution value

**Digital Workspace** workflows are designed for agents to focus on exception handling rather than on linear traditional processes' built-in reservations and check-in systems. This enables faster processing of passenger requests and alleviates unnecessary steps.



## OMNI-CHANNEL EXPERIENCE

### Complementary solutions

**Digital Workspace** is more powerful with all solutions in the SabreSonic suite.

### Life of the flight

**Digital Workspace** is beneficial in the area of day of operations.

## SabreSonic Digital Workspace for Tablet

**SabreSonic Digital Workspace for Tablet** is an airport-agent iOS that enables agents to assist passengers anywhere, anytime. Using the solution, agents can conduct passenger check-in, change seat assignments, board a flight and print boarding passes and bag tags. Agents can also assist passengers anywhere without the confinement of existing airport infrastructures.



### Solution value

**Digital Workspace for Tablet** improves customer experience and agent productivity.

### Complementary solutions

**Digital Workspace for Tablet** is more powerful with SabreSonic Interact, SabreSonic Auto Seating, SabreSonic Airport Check-in and SabreSonic CSS Load Manager.

### Life of the flight

**Digital Workspace for Tablet** is beneficial in the area of day of operations.



**Sabre**



# Commercial Platform

Customer Centricity

## SABRESonic CUSTOMER CENTRICITY

**SabreSonic Customer Centricity** enables airlines to differentiate their brand, increase loyalty and generate greater revenue via personalized engagement. Airlines can take action based on a single 360-degree view of the customer, enabling them to provide the right offer to the right customer at the right time, all within the context of their individual customer journey.

### SabreSonic Customer Data Hub

**SabreSonic Customer Data Hub** helps airlines create profiles for travelers based on information contained in bookings. It includes a GUI that allows analysts to view profiles that have been created and merge potential duplicates to maintain consistency and data integrity.



#### Solution value

**Customer Data Hub** allows airlines to create and maintain a holistic record of each customer and their engagement with the airline. This makes airlines more profitable and customer friendly by helping them market to customers more granularly, as well as implement experiential treatments tailored to what they know about each customer.

#### Complementary solutions

**Customer Data Hub** is more powerful with SabreSonic Customer Experience Manager and SabreSonic Dynamic Retailer.

#### Life of the flight

**Customer Data Hub** is beneficial in the areas of day of operations, recovery and performance analysis.

### SabreSonic Customer Experience Manager

**SabreSonic Customer Experience Manager** is an automated rules-processing engine that enables airlines to search for certain patterns in customer or booking information and take preselected actions to affect customer messaging and treatments.

## SABRESONIC CUSTOMER CENTRICITY



### Solution value

**Customer Experience Manager** helps airlines substantially affect the experience of travelers based on specific business rules. Targeting treatments based on specific customer attributes such as their overall value of profitability to the airline can significantly affect those customers' future engagement and revenue contribution.

### Complementary solutions

**Customer Experience Manager** is more powerful with SabreSonic Customer Data Hub.

### Life of the flight

**Customer Experience Manager** is beneficial in the areas of day of operations and recovery.

## SabreSonic Customer Insight

**SabreSonic Customer Insight** is a central repository for customer profile data. The solution stores travelers' personal information, booking preferences, value scores and other profile data.



### Solution value

**Customer Insight** saves time by enabling easy population of a customer's booking details. It provides basic traveler data that airlines can use in personalizing messaging, shaping customer-experience treatments and making other operational decisions.

### Complementary solutions

**Customer Insight** is more powerful with SabreSonic Dynamic Retailer, SabreSonic Customer Experience Manager, Sabre Intelligence Exchange and SabreSonic Customer Data Hub.

### Life of the flight

**Customer Insight** is beneficial in the areas of day of operations, recovery and performance analysis.

## SABRESONIC CUSTOMER CENTRICITY

### SabreSonic Dynamic Rewards

**SabreSonic Dynamic Rewards** offers several options to redeem rewards, including traditional fixed awards, any-seat (dynamic) awards, partner redemptions, redemptions for ancillaries and redemptions for upgrades.



#### Solution value

**Dynamic Rewards** enables airlines to increase revenue opportunities and reduce liabilities by incorporating the easiest and most flexible methods for travelers to redeem rewards using existing third-party loyalty-management solutions in a seamless, integrated manner.

#### Complementary solutions

**Dynamic Rewards** is more powerful with SabreSonic Interact, SabreSonic Web, SabreSonic Digital Connect and SabreSonic Digital Experience.

#### Life of the flight

**Dynamic Rewards** is beneficial in the areas of product and pricing, capacity allocation, day of operations, recovery and performance analysis.

### SabreSonic Loyalty

**SabreSonic Loyalty** enables airlines to recognize, track and reward their frequent flyers across their entire journeys.



#### Solution value

**Loyalty** enables airlines to recognize, track and reward their most loyal customers across all touchpoints during their journeys, providing an improved customer experience and increased customer loyalty that results in repeat revenue and increased share of wallet.

#### Complementary solutions

**Loyalty** is more powerful with SabreSonic Customer Insight, SabreSonic Interact, SabreSonic Digital Connect and SabreSonic Digital Experience.

#### Life of the flight

**Loyalty** is beneficial in the areas of day of operations and recovery.

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## ● ● ● SABRESONIC CUSTOMER CENTRICITY

### ● ● ● CAPABILITIES

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#### Interactive Frequent Traveler

**SabreSonic Loyalty Interactive Frequent Traveler** provides up-to-date tier information in indirect booking channels such as travel agencies. It enables travel agents to immediately recognize airlines' most loyal and frequent travelers to ensure they receive the highest level of service.

#### Frequent Traveler

**SabreSonic Loyalty Frequent Traveler** provides a collection of services that enable several rules, benefits and processes of an airline's loyalty program across various customer touchpoints to ensure the highest level of service across the entire travel journey.

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**Sabre**



# Operations Platform

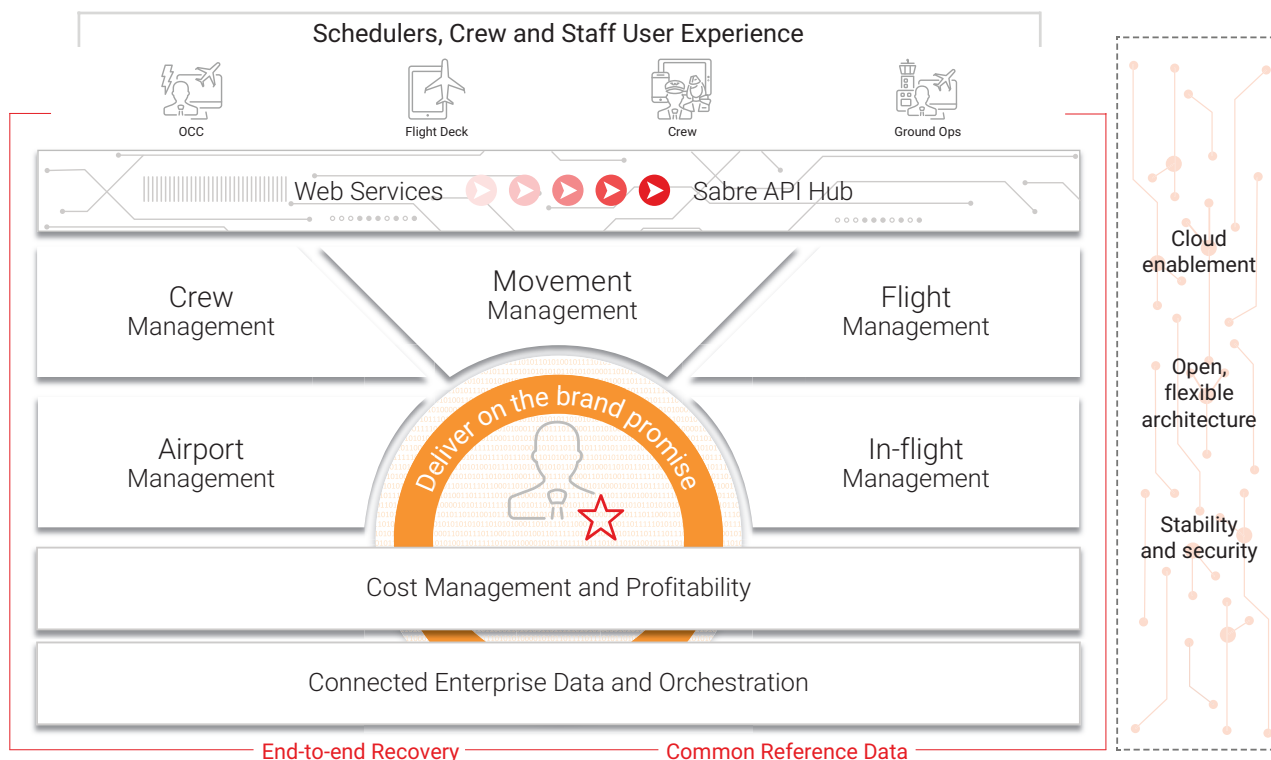


Operations Platform Marketecture





## Sabre Operations Platform



**Sabre Operations Platform** – Realizes the vision of a connected airline through unified flight, movement, crew and airport management leveraging modern technology and harnessing the power of airline data. It drives operational efficiency, profitability and productivity while helping improve customer experience.

- **Movement Management** – Optimize operational performance through state-of-the-art operations-control systems. It helps efficiently manage flight schedules, monitor status of flights and aircraft on the ground, gain a detailed view of impending operational problems and simplify communication and collaboration.
- **Flight Management** – Manage the complexities of your flight planning and operations with sophisticated technology, intuitive interfaces and powerful decision-support tools. It is also an area where even small gains in efficiency can manifest as discernable improvements to an airline's bottom line.
- **Crew Management** – The world's most advanced crew planning, tracking, management and recovery ecosystem. Advanced robust crew-management solutions help improve efficiency and crew utilization while reducing costs and redundancy. They help empower the world's most mobile workforce to deliver exceptional customer experience every single day.
- **Airport Management** – A comprehensive set of high-performance solutions that help improve performance, reduce costs and improve passenger experience. Airlines must have the ability to not only manage airport resources and staff efficiently, but also their technology must disseminate seamless real-time information, simplify workflows and equip airport staff to deliver excellent customer service.



**Sabre**



# Operations Platform



Airport Management





## SABRE AIRCENTRE AIRPORT MANAGEMENT

**Sabre AirCentre Airport Management** solutions offer flexible resource management and optimization that increase operational efficiency, decrease costs and improve both customer experience and employee satisfaction. The solutions produce quantifiable results for airlines such as labor-cost reductions up to 25 percent, up to 7 percent improvement in staff utilization, up to a 5 percent flight-delay cost reduction, as much 20 percent improvement in gate utilization and a 50 percent reduction in the number of gate coordinators needed.

### Sabre AirCentre Bid Connect

**Sabre AirCentre Bid Connect** is an online solution that manages the bidding of staff shifts and vacation. Staff shifts and vacation bidding is accessed via a web portal and provides a configurable, user-controlled platform for setting bidding policies, managing the bid process and empowering employees to better manage their bid actions.



#### Solution value

**Bid Connect** reduces the large administrative overhead incurred by the bidding process, as well as improves employee satisfaction with roster selection.

#### Complementary solutions

**Bid Connect** is more powerful with Sabre AirCentre Staff Admin.

#### Life of the flight

**Bid Connect** is beneficial in the area of capacity allocation.

### Sabre AirCentre Gate Manager

**Sabre AirCentre Gate Manager** provides decision support for the utilization of gate resources. It constantly evaluates real-time flight data, analyzes changing conditions and automatically detects potential problems through user-defined alerts. Solutions can then be semiautomatically or manually completed and disseminated throughout the operation.



#### Solution value

**Gate Manager** reduces fuel burn and improves gate utilization. Its proactive decision-making capabilities also increase customer satisfaction as a result of spending less time waiting for a gate.

### Complementary solutions

**Gate Manager** is more powerful with Sabre AirCentre Gate Planner, Sabre AirCentre Movement Manager and SabreSonic Airport Check-in.

### Life of the flight

**Gate Manager** is beneficial in the areas of day of operations and recovery.

## Sabre AirCentre Gate Planner

**Sabre AirCentre Gate Planner** provides an automated optimization solution to gate planners. It enables them to make planning decisions regarding the number of flights that can operate from an allotted number of gates at an airport. Gate Planner is supported by a decision-support optimization engine that uses adjustable constraints and parameters for gate scheduling. Airlines use the gate-planning solution to validate and verify that proposed schedules are viable at a given airport for the available gates and airport layout. Additionally, by validating the proposed schedules during the planning stage, changes and improvements can be made prior to publishing production schedules.



### Solution value

**Gate Planner** reduces operational costs of gate usage and administrative overhead through optimization.

### Complementary solutions

**Gate Planner** is more powerful with Sabre AirVision Schedule Manager, Sabre AirCentre Staff Planner and Sabre AirCentre Gate Manager.

### Life of the flight

**Gate Planner** is beneficial in the areas of network development and capacity allocation.

## Sabre AirCentre GSE Planner

**Sabre AirCentre GSE Planner** dramatically improves day-to-day operations across an airline by providing optimal GSE equipment planning based on the planned schedule to improve productive use of the equipment.



### Solution value

**GSE Planner** reduces wasted GSE procurement costs by identifying GSE demand.

### Complementary solutions

**GSE Planner** is more powerful with Sabre AirVision Schedule Manager.

### Life of the flight

**GSE Planner** is beneficial in the areas of network development and capacity allocation.

## Sabre AirCentre Roster Maker

**Sabre AirCentre Roster Maker** automates roster-building and -planning processes. The solution considers user-defined constraints based on system-available capabilities for short- or long-range planning, which typically occurs a few weeks to a few months prior to the day of departure. The system assists airport planners and schedulers, as well as provides tools for airport administrators to analyze the impact of changes to an existing roster.



### Solution value

**Roster Maker** reduces costs by ensuring there is optimal task coverage for flight activities.

### Complementary solutions

**Roster Maker** is more powerful with Sabre AirCentre Staff Planner and Sabre AirCentre Staff Admin.

### Life of the flight

**Roster Maker** is beneficial in the area of capacity allocation.

## Sabre AirCentre Staff Admin

**Sabre AirCentre Staff Admin** is a Windows-based application that uses an Oracle database and a Sabre Airline Solutions-developed rule builder to provide a flexible platform for creating and storing work rules and attendance rules. Staff Admin allows administrative staff to easily track employee work schedules, outages, leaves of absence, attendance, vacation, training and scheduling issues and general employee details. The solution also includes a web-based employee-self-service (eSS) module, which provides frontline personnel quick and easy access to view their schedules, tasks and message broadcasts. In addition, it enables them to carry out optional transactions such as shift trades or overtime sign-up.



### Solution value

**Staff Admin** reduces administrative overhead of managing employee requests and rosters with automation, as well as improves employee satisfaction by enabling schedule ownership.

### Complementary solutions

**Staff Admin** is more powerful with Sabre AirCentre Roster Maker, Sabre AirCentre Bid Connect, Sabre AirCentre Staff Admin Punch Clock, Sabre AirCentre Staff Manager and Sabre AirCentre Staff Admin Data Mart.

### Life of the flight

**Staff Admin** is beneficial in the areas of capacity allocation, day of operations and recovery.

## ●●● CAPABILITIES

### Airport Data Mart

**Sabre AirCentre Staff Admin Airport Data Mart**, a data repository, houses critical operational and employee information in a reporting database. Data Mart extracts operational data from Sabre AirCentre Staff Admin and Sabre AirCentre Staff Manager and transfers the denormalized data to a separate historical database. Airport Data Mart provides critical data for operational analysis.

### Punch Clock

**Sabre AirCentre Staff Admin Punch Clock** is an add-on module that uses Staff Interface Web Services (SIWS) to gather all employee information regarding shifts and airport-card numbers. The solution enables employees to punch in and punch out for a shift. Punch Clock mitigates error by automating the punch-in and punch-out processes.

## Sabre AirCentre Staff Manager

**Sabre AirCentre Staff Manager** allocates airport work tasks to airport staff in real time. Assignments are generated by the arrival and departure of flights or from known requirements at various times of day. A set of views provides the information necessary to ensure the right people are in place to turn flights around as planned and quickly address irregular operations issues.



### Solution value

**Staff Manager** ensures on-time performance by allocating flight tasks to qualified team members. It also automatically assigns tasks in the event of a disruption.

### Complementary solutions

**Staff Manager** is more powerful with Sabre AirCentre Staff Admin, Sabre AirCentre Staff Manager Task Connect, Sabre AirCentre Movement Manager, SabreSonic Airport Check-in and Sabre AirCentre Staff Admin Data Mart.

### Life of the flight

**Staff Manager** is beneficial in the areas of day of operations and recovery.

## ●●● CAPABILITIES

### Task Connect

**Sabre AirCentre Staff Manager Task Connect** is a hand-held device that communicates tasks to staff in real time via Sabre AirCentre Staff Manager. Once tasks have been completed, Task Connect is also used to update the status of tasks in Staff Manager to ensure task alignment across the entire organization. Task Connect ensures employees have quick access to their assignments, as well as informs them when and where they need to be at any given time.

## Sabre AirCentre Staff Planner

**Sabre AirCentre Staff Planner** is a PC-based staff-planning tool that helps analysts determine staffing requirements for an airline, airport or ground handler. The system is driven by an airport's inbound and outbound flight schedule, and it provides sophisticated models that can virtually replace the manual data-collection and analysis processes. Staff Planner offers the power of algorithms defined over many years of operational research in real airport situations.



### Solution value

**Staff Planner** improves business processes and reduces costs by identifying demand.

### Complementary solutions

**Staff Planner** is more powerful with Sabre AirVision Schedule Manager, Sabre AirCentre Gate Planner and Sabre AirCentre Roster Maker.

### Life of the flight

**Staff Planner** is beneficial in the areas of network development and capacity allocation.

**Sabre**



# Operations Platform

Cost Management and Profitability

## COST MANAGEMENT AND PROFITABILITY

**Sabre AirVision Cost Management and Profitability** has revolutionized the way airlines manage the complexity of their daily processes for contracting, invoice checking, accounting, budgeting, forecasting and business-intelligence reporting. By implementing Cost Management and Route Profitability solutions, airlines can cut overspending and save up to 2.5 percent of direct operating costs, as well as increase efficiency and free up resources by up to 35 percent.

### Sabre AirVision Airpas Catering Cost Manager

**Sabre AirVision Airpas Catering Cost Manager** improves invoice verification and automates business processes throughout the entire finance cycle. In addition, it prepares and compares budgets, forecasts and actual costs, as well as produces KPI information via individual and/or shared dashboards.



#### Solution value

**Airpas Catering Cost Manager** increases transparency and consistency of direct operating costs across departments. The solution also helps reduce costs by identifying and eliminating overspending. It facilitates growth through efficient and reliable back-office processes.

#### Complementary solutions

**Airpas Catering Cost Manager** requires Sabre AirVision Airpas Fuel Cost Manager or Sabre AirVision Airpas Transport Cost Manager and is even more powerful with Sabre AirVision Airpas Crew Cost Manager and Sabre AirVision Airpas Route Profitability Manager.

#### Life of the flight

**Airpas Catering Cost Manager** is beneficial in the area of performance analysis, with the potential to contribute to network development, product and pricing and schedule optimization.

### Sabre AirVision Airpas Crew Cost Manager

**Sabre AirVision Airpas Crew Cost Manager** improves invoice verification of crew travel expenses and automates business processes throughout the entire finance cycle. In addition, it prepares and compares budgets, forecasts and actual costs, as well as produces KPI information via individual and/or shared dashboards.





### Solution value

**Airpas Crew Cost Manager** increases transparency and consistency of direct operating costs across departments. The solution also helps reduce costs by identifying and eliminating overspending. It facilitates growth through efficient and reliable back-office processes.

### Complementary solutions

**Airpas Crew Cost Manager** requires Sabre AirVision Airpas Fuel Cost Manager or Sabre AirVision Airpas Transport Cost Manager and is even more powerful with Sabre AirVision Airpas Catering Cost Manager and Sabre AirVision Airpas Route Profitability Manager.

### Life of the flight

**Airpas Crew Cost Manager** is beneficial in the area of performance analysis, with the potential to contribute to network development, product and pricing and schedule optimization.

## Sabre AirVision Airpas Fuel Cost Manager

**Sabre AirVision Airpas Fuel Cost Manager** improves invoice verification and automates business processes throughout the entire finance cycle. In addition, it prepares and compares budgets, forecasts and actual costs, as well as produces KPI information via individual and/or shared dashboards.



### Solution value

**Airpas Fuel Cost Manager** increases transparency and consistency of direct operating costs across departments. The solution also helps reduce costs by identifying and eliminating overspending. It facilitates growth through efficient and reliable back-office processes.

### Complementary solutions

**Airpas Fuel Cost Manager** is more powerful with Sabre AirVision Airpas Catering Cost Manager, Sabre AirVision Airpas Crew Cost Manager, Sabre AirVision Airpas Route Profitability Manager and Sabre AirVision Airpas Transport Cost Manager.

### Life of the flight

**Airpas Fuel Cost Manager** is beneficial in the area of performance analysis, with the potential to contribute to network development, product and pricing and schedule optimization.

## Sabre AirVision Airpas Route Profitability Manager

**Sabre AirVision Airpas Route Profitability Manager** provides immediate profitability visibility by calculating and reporting both pre- and post-flight route profitability. It also produces KPI information via individual and/or shared dashboards.



### Solution value

**Airpas Route Profitability Manager** houses all applicable revenue (aggregated by flight and revenue item, not PNR level) and cost information in a centralized database with drill-down capabilities to quickly analyze results.

### Complementary solutions

**Airpas Route Profitability Manager** requires Sabre AirVision Airpas Fuel Cost Manager and Sabre AirVision Airpas Transport Cost Manager and is even more powerful with Sabre AirVision Airpas Catering Cost Manager and Sabre AirVision Airpas Crew Cost Manager.

### Life of the flight

**Airpas Route Profitability Manager** is beneficial in the area of performance analysis, with the potential to contribute to network development, product and pricing and schedule optimization.

## Sabre AirVision Airpas Transport Cost Manager

**Sabre AirVision Airpas Transport Cost Manager** improves invoice verification and automates business processes throughout the entire finance cycle. In addition, it prepares and compares budgets, forecasts and actual costs, as well as produces KPI information via individual and/or shared dashboards.



### Solution value

**Airpas Transport Cost Manager** increases transparency and consistency of direct operating costs across departments. The solution also helps reduce costs by identifying and eliminating overspending. It facilitates growth through efficient and reliable back-office processes.

### Complementary solutions

**Airpas Transport Cost Manager** is more powerful with Sabre AirVision Airpas Catering Cost Manager, Sabre AirVision Airpas Crew Cost Manager, Sabre AirVision Airpas Fuel Cost Manager and Sabre AirVision Airpas Route Profitability Manager.

### Life of the flight

**Airpas Transport Cost Manager** is beneficial in the area of performance analysis, with the potential to contribute to network development, product and pricing and schedule optimization.

**Sabre**



# Operations Platform



Crew Management

## CREW MANAGEMENT

**Sabre AirCentre Crew Management** solutions enable airlines to most effectively address the increasingly complex and broad-reaching nature of crew-management challenges with next-generation technology and solution design. The solutions maximize crew utilization, enable cost control and ensure compliance through optimized long-term planning, innovative tracking and management and disruption-management decision-support.

### Sabre AirCentre AirCrews

**Sabre AirCentre AirCrews** helps plan and monitor crew rosters to ensure the required crew is available and present to operate scheduled flights. It also ensures that crewmembers may safely and legally operate flights in accordance with regulatory requirements, airline policy and crew agreements. When schedule disruptions occur due to weather, mechanical failure, etc., AirCrews helps recover crew operations by modifying the impacted crew rosters to meet the requirements of the amended flight schedule.



#### Solution value

**AirCrews** decreases costs by improving crew utilization and enabling crew-scheduling departments to operate more efficiently.

#### Complementary solutions

**AirCrews** is more powerful with Sabre AirCentre AirCrews Crew Connection, Sabre AirCentre AirCrews Crew Leave Manager, Sabre AirCentre AirCrews Crew Pairing Optimizer, Sabre AirCentre AirCrews Crew Roster Optimizer and Sabre AirCentre AirCrews Crew Training Solution.

#### Life of the flight

**AirCrews** is beneficial in the areas of day of operations and recovery.

## CAPABILITIES

#### Crew Connection

**Sabre AirCentre AirCrews Crew Connection** is an internet-based access point for crewmembers to check into and out of duty, as well as to access and retrieve operational and personal information. It can be configured to provide a variety of options and access rights from different locations, as well as to support multiple languages. Crew Connection helps improve crew efficiency and satisfaction by offering web-based access to manage crew schedules.

### Crew Leave Manager

**Sabre AirCentre AirCrews Crew Leave Manager** enables airlines to effectively manage the seasonal vacation-awarding process, calculate leave entitlements and maintain crew-vacation records. It improves administrative efficiency, eliminates costly award errors, reduces crewmember grievances and eliminates short staffing and overtime assignments through fully automated vacation-assignment functionality.

### Crew Pairing Optimizer

**Sabre AirCentre AirCrews Crew Pairing Optimizer** creates cost-effective pairings (groups of flights) from the marketing schedule while maintaining full compliance with company rules, operational requirements, company cultures, specific sets of activities, contract agreements and government regulations. The created pairings become the building blocks of flight-crew rosters. Crew Pairing Optimizer decreases costs by creating efficient pairings, taking hotel costs, per diem rates, deadheads and business and contractual rules into consideration, thereby providing optimal pairings in a reasonable timeframe.

### Crew Roster Optimizer

**Sabre AirCentre AirCrews Crew Roster Optimizer** creates monthly rosters for pilots and flight attendants, accounting for company operational objectives such as productivity, block-hour-distribution standby coverage and crew-fairness criteria. It decreases operational costs by ensuring cost-effective, efficient and operations friendly rosters.

### Crew Training Solution

**Sabre AirCentre AirCrews Crew Training Solution** provides advanced capabilities to support crew-training scheduling and crew-qualification-management business processes. It decreases training costs through optimal utilization of training resources and crew disruptions by managing crew qualifications.

## Sabre AirCentre Crew Access

**Sabre AirCentre Crew Access** gives crewmembers web and mobile access to their work schedules, including real-time updates. It includes self-service options for crew to manage their own schedules.



## Solution value

**Crew Access** produces real-time information so crew can focus on delivering a great customer experience. It supports recovery by informing crew immediately about the latest operation changes, and the self-service options improve crewmember satisfaction. For the airline, automation reduces errors, saves crew schedulers' time and reduces open trips by assigning them to crewmembers who want to fly them.

## Complementary solutions

**Crew Access** is more powerful with Sabre AirCentre Crew Manager.

## Life of the flight

**Crew Access** is beneficial in the area of day of operations.

## ●●● CAPABILITIES

### Mobile

**Sabre AirCentre Crew Access Mobile** gives crewmembers mobile access to their work schedules, including real-time updates. It includes self-service options for crew to manage their own schedules. The module is available as an extension to Sabre AirCentre CrewTrac and Sabre AirCentre Crew Control customers.

### Duty Swap

**Sabre AirCentre Crew Access Duty Swap** enables crewmembers to maintain and adjust their schedules through adding, exchanging or trading trips with other crewmembers while ensuring airline requirements are met and adequate reserve crew coverage is maintained. It helps airlines reduce the need for reserve crew staffing, which reduces labor costs. Automation improves efficiency and allows crew to manage their own schedules, which improves work satisfaction.

### Leave Manager

**Sabre AirCentre Crew Access Leave Manager** collects crewmember bids and awards them vacations based on availability and airline rules. It allows crewmembers to change or trade vacation periods after the initial award process. It also improves administrative efficiency, eliminates costly award errors, reduces crewmember grievances and eliminates short staffing and overtime assignments through fully automated leave assignment.

### Vacancy Bid

**Sabre AirCentre Crew Access Vacancy Bid** collects crewmember bids and awards position upgrades, equipment changes and base transfers to meet an airline's staffing requirements. It helps airlines predict training requirements and eliminates costly human errors by automating the vacancy-award process.

## Sabre AirCentre Crew Control

**Sabre AirCentre Crew Control** supports manual planning and monitoring of crew rosters to ensure the required crew is available and present to operate scheduled flights. Crew schedulers can build efficient crew pairings, assign operational and nonoperational duties to crewmembers and publish the roster for the next operational period. Crew Control, at all times, ensures that crewmembers may safely and legally operate flights in accordance with regulatory requirements, airline policy and crew agreements. When schedule disruptions occur due to weather, mechanical failure, etc., Crew Control helps recover crew operations by modifying the impacted crew rosters to meet the requirements of the amended flight schedule.



### Solution value

**Crew Control** decreases costs by improving crew utilization and enabling crew-scheduling departments to operate more efficiently.

### Complementary solutions

**Crew Control** is more powerful with Sabre AirCentre Crew Web Portal, Sabre AirCentre Crew Trip Optimizer, Sabre AirCentre Crew Schedule Optimizer and Sabre AirCentre Vacation Manager.

### Life of the flight

**Crew Control** is beneficial in the areas of day of operations, recovery and performance analysis.

## ●●● CAPABILITIES

### Crew Schedule Optimizer

**Sabre AirCentre Crew Control Crew Schedule Optimizer** creates monthly rosters for pilots and flight attendants, taking into consideration company operational objectives (such as productivity, block-hour-distribution standby coverage and crew-fairness criteria). It decreases operational costs by ensuring cost-effective, efficient and operations friendly rosters.



### Crew Training Solution

**Sabre AirCentre Crew Control Crew Training Solution** provides advanced capabilities to support crew-training scheduling and crew-qualification-management business processes. It decreases training costs through optimal utilization of training resources and crew disruptions by managing crew qualifications.

### Crew Trip Optimizer

**Sabre AirCentre Crew Control Crew Trip Optimizer** creates cost-effective pairings (groups of flights) from the marketing schedule while maintaining full compliance with company rules, operational requirements, company cultures, specific sets of activities, contract agreements and government regulations. The created pairings become the building blocks of flight-crew rosters. It decreases costs by creating efficient pairings, taking hotel costs, per diem rates, deadheads and business and contractual rules into consideration to provide optimal pairings in a reasonable timeframe.

### Crew Web Portal

**Sabre AirCentre Crew Control Crew Web Portal** is an internet-based access point for crewmembers to check into and out of duty, as well as for accessing and retrieve operational and personal information. It can be configured to provide a variety of options and access rights from different locations, as well as to support multiple languages. It improves crew efficiency and satisfaction by offering web-based access to manage schedules.

### Timetable Control

**Sabre AirCentre Crew Control Timetable Control** helps manage the creation and editing of flight schedules. It helps improve efficiency by effectively managing flight schedules, which also improves airline network planning.

### Vacation Manager

**Sabre AirCentre Crew Control Vacation Manager** enables airlines to effectively manage the seasonal vacation-awarding process, calculate leave entitlements and maintain crew-vacation records. It improves administrative efficiency, eliminates costly award errors, reduces crewmember grievances and eliminates short staffing and overtime assignments through fully automated vacation-assignment functionality.

## Sabre AirCentre Crew Manager

**Sabre AirCentre Crew Manager** helps plan and monitor crew rosters to ensure the required crew is available and present to operate scheduled flights. It also ensures that crewmembers may safely and legally operate flights in accordance with regulatory requirements, airline policy and crew agreements. When schedule disruptions occur due to weather, mechanical failure, etc., Crew Manager helps recover crew operations by modifying the impacted crew rosters to meet the requirements of the amended flight schedule.



### Solution value

**Crew Manager** decreases costs by improving crew utilization and enabling crew-scheduling departments to operate more efficiently.

### Complementary solutions

**Crew Manager** is more powerful with Sabre AirCentre Crew Planner Pairing, Sabre Crew Planner Roster Optimizer, Sabre AirCentre Crew Access and Sabre AirCentre Recovery Manager Crew.

### Life of the flight

**Crew Manager** is beneficial in the area of day of operations.

## ●●● CAPABILITIES

### AD OPT Altitude Pairing

**Sabre AirCentre Crew Manager AD OPT Altitude Pairing** helps plan and monitor crew rosters to ensure the required crew is available and present to operate scheduled flights. It also ensures that crewmembers may safely and legally operate flights in accordance with regulatory requirements, airline policy and crew agreements. When schedule disruptions occur due to weather, mechanical failure, etc., AD OPT Altitude Pairing helps recover crew operations by modifying the impacted crew rosters to meet the requirements of the amended flight schedule. AD OPT Altitude Pairing decreases costs by creating efficient pairings, taking hotel costs, per diem rates, deadheads and business and contractual rules into consideration, thereby providing optimal pairings in a reasonable timeframe.

### AD OPT Altitude Pairing/PBS

**Sabre AirCentre Crew Manager AD OPT Altitude Pairing/PBS** creates monthly rosters for pilots and flight attendants, taking into consideration company operational objectives (such as productivity, block-hour-distribution standby coverage and open-time control) and crew-fairness criteria. For airlines in which crewmembers are allowed to enter requests, the capability offers a wide range of generic and specific request types. It also decreases operational costs by ensuring cost-effective, efficient and operations friendly rosters.

### Crew Planner Pairing Optimizer

**Sabre AirCentre Crew Manager Crew Planner Pairing Optimizer** creates cost-effective pairings (groups of flights) from the marketing schedule while maintaining full compliance with company rules, operational requirements, company cultures, specific sets of activities, contract agreements and government regulations. The created pairings become the building blocks of flight-crew rosters. It decreases costs by creating efficient pairings, taking hotel costs, per diem rates, deadheads and business and contractual rules into consideration, and thereby providing optimal pairings in a reasonable timeframe.

### Crew Planner Roster Optimizer

**Sabre AirCentre Crew Manager Crew Planner Roster Optimizer** creates monthly rosters for pilots and flight attendants, taking into consideration company operational objectives (such as productivity, block-hour-distribution standby coverage and crew-fairness criteria). It decreases operational costs by ensuring cost-effective, efficient and operations friendly rosters.

### Recovery Manager Crew

**Sabre AirCentre Crew Manager Recovery Manager Crew** provides advanced capabilities to holistically manage disruptions. It greatly reduces the time to recover from irregular operations based on an optimized approach, which also ensures crewmembers are restored back to their original rosters more efficiently than they would be via manual processes.

### Vacation Bid Manager

**Sabre AirCentre Crew Manager Vacation Bid Manager** collects crewmember bids and awards them vacations based on availability and airline rules. It also allows crew to change or trade vacation periods after the initial awarding process. Vacation Bid Manager improves administrative efficiency, eliminates costly award errors, reduces crewmember grievances and eliminates short staffing and overtime assignments through fully automated vacation assignments.

## Sabre AirCentre Crew Planner

**Sabre AirCentre Crew Planner** enables airlines to build optimal pairings and rosters while respecting regulatory, legal and contractual rules. Crew Planner reduces resource requirements for pairing and roster construction by automating the process and helping crew planners evaluate the solution instead of constructing the solution.



### Solution value

**Crew Planner** helps build optimal and cost-effective pairings and rosters in an automated manner, enabling efficient resource utilization and potential cost savings for airlines.

### Complementary solutions

**Crew Planner** is more powerful with Sabre AirCentre Crew Manager.

### Life of the flight

**Crew Planner** is beneficial in the areas of capacity allocation and schedule optimization.

## Sabre AirCentre CrewTrac

**Sabre AirCentre CrewTrac** helps plan and monitor crew rosters to ensure the required crew is available and present to operate scheduled flights. It also ensures that crewmembers may safely and legally operate flights in accordance with regulatory requirements, airline policy and crew agreements. When schedule disruptions occur due to weather, mechanical failure, etc., CrewTrac helps recover crew operations by modifying the impacted crew rosters to meet the requirements of the amended flight schedule.



### Solution value

**CrewTrac** decreases costs by improving crew utilization and enabling crew-scheduling departments to operate more efficiently.

### Complementary solutions

**CrewTrac** is more powerful with Sabre AirCentre Crew Plan, Sabre AirCentre Crew Qualifier, Sabre AirCentre Crew Qualifier Web, Sabre AirCentre CrewTrac Web and Sabre AirCentre Crew Voice.

### Life of the flight

**CrewTrac** is beneficial in the area of day of operations.

## ● ● ● CAPABILITIES

### Crew Plan

**Sabre AirCentre CrewTrac Crew Plan** enables airlines to conduct long-term manpower planning to manage the full-time-equivalent headcount across the airline. It also helps improve efficiencies in manpower planning and hiring strategies.

### Crew Qualifier

**Sabre AirCentre CrewTrac Crew Qualifier** maintains pilot, flight-attendant and flight-dispatcher qualifications and training records. The Crew Qualifier databases and training codes conform to the curricula defined in an airline's flight operations training manual required to maintain current crewmember qualifications. It also helps airlines manage crew training and qualifications to improve overall operational efficiency.

### Crew Qualifier Web

**Sabre AirCentre CrewTrac Crew Qualifier Web** enables crewmembers to view and manage their training and qualifications through a web portal. It helps airlines manage crew training and qualifications to improve overall operational efficiency.

### CrewTrac Web

**Sabre AirCentre CrewTrac Web** is an internet-based access point for crewmembers to check into and out of duty, as well as to access and retrieve operational and personal information. It can be configured to provide a variety of options and access rights from different locations, as well as to support multiple languages. It also helps airlines improve crew efficiency and crew satisfaction by offering them web-based access to manage their schedules.

## Sabre AirCentre Flight Crew Access

**Sabre AirCentre Flight Crew Access** collects bids and automates awarding for crewmember schedules, vacations, training and open positions, as well as trip trades with other crewmembers.



### Solution value

**Flight Crew Access** improves crewmember satisfaction by honoring their preferences and giving them access to manage their work schedules. For the airline, automation reduces errors, saves crew schedulers' time and reduces open trips by assigning them to crewmembers who want to fly them.

## Complementary solutions

**Flight Crew Access** is more powerful with Sabre AirCentre CrewTrac.

## Life of the flight

**Flight Crew Access** is beneficial in the area of schedule optimization.

### ●●● CAPABILITIES

#### Line Bid Manager

**Sabre AirCentre Flight Crew Access Line Bid Manager** assists airlines in the distribution and management of schedule-bid packages, crewmember bid collection and the subsequent awarding process. The automation of collecting bids and awarding schedules reduces errors, saves crew schedulers' time and improves crewmember satisfaction by honoring their preferences.

#### Open Time Manager

**Sabre AirCentre Flight Crew Access Open Time Manager** enables crewmembers to maintain and adjust their schedules through trip adds, drops, swaps or trades with other crewmembers while ensuring airline requirements are met and adequate reserve coverage is maintained. It helps airlines reduce the need for reserve crew staffing, which reduces labor costs. Automation improves efficiency and allows crewmembers to manage their own schedules, which improves work satisfaction.

#### Preferential Bid Manager

**Sabre AirCentre Flight Crew Access Preferential Bid Manager** helps airlines build efficient schedules around preplanned activities while honoring crewmember preferences. The automation of collecting bids and awarding schedules reduces errors, saves crew schedulers' time and improves crewmember satisfaction by honoring their preferences.

#### Reserve Preferential Bid Manager

**Sabre AirCentre Flight Crew Access Reserve Preferential Bid Manager** enables airlines to assign reserve periods only to crewmembers who are actually available, matching assignments with reserve needs and eliminating over- and under-scheduling. The automation of collecting bids and awarding schedules reduces errors, saves crew schedulers' time and improves crewmember satisfaction by honoring their preferences.

#### Training Bid Manager

**Sabre AirCentre Flight Crew Access Training Bid Manager** enables crewmembers to bid on available openings for continuous qualification training and awards the openings. The automation of collecting bids and awarding schedules reduces errors, saves crew schedulers' time and improves crewmember satisfaction by honoring their preferences.

### Vacation Bid Manager

**Sabre AirCentre Flight Crew Access Vacation Bid Manager** collects crewmember bids and awards them vacations based on availability and airline rules. It allows crew to change or trade vacation periods after the initial awarding process. It also improves administrative efficiency, eliminates costly award errors, reduces crewmember grievances and eliminates short staffing and overtime assignments through fully automated vacation assignments.

**Sabre**



# Operations Platform



Flight Management





## FLIGHT MANAGEMENT

**Sabre AirCentre Flight Management** solutions unite the core functions of flight operations to deliver the industry's lowest-cost flight plans, a shared operational picture and increased productivity. The Flight Management solutions give airlines a competitive advantage by delivering on-time performance; achieving optimal fuel economy; reducing diversions, avoiding aircraft-holding patterns and minimizing the impact of delays; synchronizing airborne and ground-based data and improving operational efficiency.

### Sabre AirCentre ACARS Manager

**Sabre AirCentre ACARS Manager** is a fully integrated communications gateway for the Sabre AirCentre solutions suite. Communications capabilities are delivered through a user friendly web-based GUI, allowing airlines real-time communications with ground stations and aircraft, as well as providing the ability to share information between Sabre products and integrate third-party data into their Sabre applications.



#### Solution value

**ACARS Manager** offers rapid and reliable communications with ground stations and aircraft, allowing improved commercial decision-making during the day of operations.

#### Complementary solutions

**ACARS Manager** is more powerful with Sabre AirCentre Flight Plan Manager, Sabre AirCentre Dispatch Manager, Sabre AirCentre Flight Explorer, Sabre AirCentre Movement Manager/Movement Control, Sabre AirCentre Crew Manager/Crew Control, Sabre AirCentre Load Manager and Sabre AirCentre Flight Plan Manager eFlight Manager.

#### Life of the flight

**ACARS Manager** is beneficial in the area of day of operations.

## CAPABILITIES

### Crew Control Integration

**Sabre AirCentre ACARS Manager Crew Control Integration** provides integration with the Sabre AirCentre crew solutions suite, facilitating the easy transfer of crew data among various Sabre systems, ground stations and aircraft. It provides improved monitoring of crew-qualification data such as landing pilot, landing conditions and auto-land tracking.

### FE Integration

**Sabre AirCentre ACARS Manager FE Integration** gives airlines the ability to visualize aircraft-position data within Sabre AirCentre Flight Explorer and simplifies sending and receiving ACARS messages to and from aircraft. It improves situational awareness of aircraft status and improves air-to-ground ACARS communications.

### FPM Integration

**Sabre AirCentre ACARS Manager FPM Integration** provides integration with Sabre AirCentre Flight Plan Manager solutions, giving flight planners near real-time updates of aircraft route, fuel and altitude data. The capability enables flight planners to read, acknowledge and respond to ACARS messages from Flight Plan Manager. It improves situational awareness and response time during regular and irregular operations.

### Mobile

**Sabre AirCentre ACARS Manager Mobile** gives airlines access to ACARS communications on aircraft that may not have native ACARS capabilities. It improves situational awareness for aircraft not equipped with standard ACARS capabilities.

### Movement Manager Integration

**Sabre AirCentre ACARS Manager Movement Manager Integration** enables integration with the Sabre AirCentre Movement suite of solutions, providing improved communications with both ground stations and aircraft. It improves situational awareness for commercial decision-making during regular and irregular operations.

## Sabre AirCentre Flight Explorer

**Sabre AirCentre Flight Explorer** gives airlines insights into weather, delays and air-traffic-control programs.



### Solution value

**Flight Explorer** helps airlines better optimize operations decisions, as well as enables them to comply with flight-tracking regulations.

### Complementary solutions

**Flight Explorer** is more powerful with Sabre AirCentre Flight Plan Manager, Sabre AirCentre Dispatch Manager, Sabre AirCentre ACARS Manager, Sabre AirCentre Movement Manager, Sabre AirCentre Movement Control and Sabre AirCentre Flight Plan Manager eFlight Manager.

## Life of the flight

**Flight Explorer** is beneficial in the area of day of operations.

### ●●● CAPABILITIES

#### Data Services

**Sabre AirCentre Flight Explorer Data Services** gives airlines access to Flight Explorer FastTrack, Flight Explorer Flight Direct and other web-service tools so they can optimally utilize flight-management data.

#### Sabre AirCentre Flight Explorer FastTrack

**Sabre AirCentre Flight Explorer FastTrack** is self-contained, customizable, single-flight tracking solution to embed into their website based on airline, flight number, Origin & Destination or flight times.

#### Sabre AirCentre Flight Explorer Flight Direct

**Sabre AirCentre Flight Explorer Flight Direct** is an API used to plug data into existing solutions.

#### Sabre AirCentre Flight Explorer Flight Reports

**Sabre AirCentre Flight Explorer Flight Reports** is a reporting service that provides airport-landing details for airports.

#### Sabre AirCentre Flight Explorer Premier

**Sabre AirCentre Flight Explorer Premier** is a version of Flight Explorer with reduced functionality that is sold to the business-aviation segment.

## Sabre AirCentre Flight Explorer Professional

**Sabre AirCentre Flight Explorer Professional** gives airlines a visual map-based tool to track aircraft in the air. Using Flight Explorer Professional, airlines can also take advantage of weather overlays, alerting and monitoring.



### Solution value

**Flight Explorer Professional** helps airlines better optimize operations decisions, as well as enables them to comply with flight-tracking regulations.

### Complementary solutions

**Flight Explorer Professional** is more powerful with Sabre AirCentre Flight Plan Manager, Sabre AirCentre Dispatch Manager, Sabre AirCentre ACARS Manager, Sabre AirCentre Movement Manager, Sabre AirCentre Movement Control and Sabre AirCentre Flight Plan Manager eFlight Manager.

## Life of the flight

**Flight Explorer Professional** is beneficial in the area of day of operations.

### ●●● CAPABILITIES

#### ACARS Integration

**Sabre AirCentre Flight Explorer Professional ACARS Integration** provides integration with ACARS tools so ACARS position reports and flight plans can be integrated into Flight Explorer.

#### ADS-B Data

**Sabre AirCentre Flight Explorer Professional ADS-B Data** integrates third-party ADS-B data into Flight Explorer to provide additional position reports.

#### Airservices Australia Data

**Sabre AirCentre Flight Explorer Professional Airservices Australia Data** integrates positional and flight-route updates from Airservices Australia Data.

#### Airways New Zealand

**Sabre AirCentre Flight Explorer Professional Airways New Zealand** integrates positional and flight-route updates from Airways New Zealand.

#### Desktop Interface

**Sabre AirCentre Flight Explorer Professional Desktop Interface** is a toolkit that gives airlines the ability to integrate Flight Explorer to various locally run applications on the computer.

#### Extended Link Interface

**Sabre AirCentre Flight Explorer Professional Extended Link Interface** gives customers the ability to integrate links into Flight Explorer.

#### Extended Log File

**Sabre AirCentre Flight Explorer Professional Extended Log File** allows customers to record a log file to the full latitude/longitude for position reports.

#### Flight Apps LLC Hosting

**Sabre AirCentre Flight Explorer Professional Flight Apps LLC Hosting** integrates positional and flight-route updates from Flight Apps LCC Hosting.

#### MeteoStar Weather

**Sabre AirCentre Flight Explorer Professional MeteoStar Weather** is a third-party weather provider that offers weather overlays for use in Flight Explorer.

#### OPP/OPI

**Sabre AirCentre Flight Explorer Professional OPP/OPI** allows airlines to integrate on-site weather into Flight Explorer.

### Record Playback

**Sabre AirCentre Flight Explorer Professional Record Playback** gives airlines the ability to record Flight Explorer data for future use.

### DTN Regional Weather

**Sabre AirCentre Flight Explorer Professional DTN Regional Weather** is a third-party weather provider that offers weather overlays for use in Flight Explorer. It applies to regional airlines that only fly in one continent.

### DTN Global Weather

**Sabre AirCentre Flight Explorer Professional DTN Global Weather** is a third-party weather provider that offers weather overlays for use in Flight Explorer. It applies to global airlines that fly to multiple continents.

### Surface Manager

**Sabre AirCentre Flight Explorer Professional Surface Manager** provides airlines with additional data feeds that display position reports from the airport surface to enable surface tracking.

## Sabre AirCentre Flight Plan Manager

**Sabre AirCentre Flight Plan Manager** is an integrated solution to dispatch flights following all legal regulations and company policies. It creates the crew-briefing documents necessary for the flight's departure.



### Solution value

**Flight Plan Manager** provides automation to reduce dispatchers' menial tasks and to increase productivity by up to 30 percent. It also reduces fuel costs by 1 percent through optimized flight paths.

### Complementary solutions

**Flight Plan Manager** is well integrated with the entire Sabre AirCentre Planning & Scheduling portfolio, and becomes more powerful within the flight family of solutions, including Sabre AirCentre Flight Explorer, Sabre AirCentre Flight Plan Manager eFlight Manager and Sabre AirCentre ACARS Manager.

### Life of the flight

**Flight Plan Manager** is beneficial in the areas of schedule optimization, day of operations, recovery and performance analysis.

## CAPABILITIES

### eFlight Manager

**Sabre AirCentre Flight Plan Manager eFlight Manager** expands the connected flight to the cockpit. It provides a paperless cockpit and recalculation of flight plans on a mobile device.

### ARINC 633-1

**Sabre AirCentre Flight Plan Manager ARINC 633-1** is an industry standard to provide flight data digitally to electronic flight bags (EFBs). It integrates Flight Plan Manager with other electronic-flight-bag vendors by supplying basic flight data.

### ARINC 633-2

**Sabre AirCentre Flight Plan Manager ARINC 633-2** is an industry standard to provide flight data digitally to electronic flight bags (EFBs). It integrates Flight Plan Manager with other electronic-flight-bag vendors by supplying basic flight data.

### Configurable OFP

**Sabre AirCentre Flight Plan Manager Configurable OFP** is an XML-based layout of the crew-briefing document (OFP). It provides the highest level of flexibility for design according to an airline's objectives.

### Customized Data Services

**Sabre AirCentre Flight Plan Manager Customized Data Services** increases the types of navigational data maintained by Sabre. The capability reduces the workload in an airline's navigational offices.

### DTN Weather US Domestic

**Sabre AirCentre Flight Plan Manager DTN Weather US Domestic** is a U.S. domestic weather data feed provided by DTN.

### DTN Weather Global

**Sabre AirCentre Flight Plan Manager DTN Weather Global** is a global weather data feed provided by DTN.

### DWI RAIM – RNP for Airport

**Sabre AirCentre Flight Plan Manager DWI RAIM – RNP for Airport** checks for terminal routes at airports. Successful coverage checks at the airport provide additional fuel-savings opportunities.

### DWI RAIM – RNP World Wide Enroute

**Sabre AirCentre Flight Plan Manager DWI RAIM – RNP World Wide Enroute** provides enroute coverage checks worldwide. Successful coverage checks provide additional fuel-savings opportunities.

### Lufthansa Systems 424 Data

**Sabre AirCentre Flight Plan Manager Lufthansa Systems 424 Data** is navigational data provided by Lufthansa Systems.

### MeteoStar Regional

**Sabre AirCentre Flight Plan Manager MeteoStar Regional** is a regional weather data feed provided by MeteoStar.

### MeteoStar Worldwide

**Sabre AirCentre Flight Plan Manager MeteoStar Worldwide** is a global weather data feed provided by MeteoStar.

### MeteoStar NOTAMs

**Sabre AirCentre Flight Plan Manager MeteoStar NOTAMs** is a global NOTAM data feed provided by MeteoStar.

### Navtech/EAG Navigational 424 Data

**Sabre AirCentre Flight Plan Manager Navtech/EAG Navigational 424 Data** is navigational data provided by NavTech/EAG.

### Takeoff/Landing Data

**Sabre AirCentre Flight Plan Manager Takeoff/Landing Data** provides performance calculations through Flight Plan Manager's SCAP module using aircraft-manufacturer data. It calculates optimal settings for pilot information.

## Sabre AirCentre Flight Plan Manager Essentials

**Sabre AirCentre Flight Plan Manager Essentials** is a feature-limited, cost-effective version of Flight Plan Manager for smaller airlines that don't need the full set of features offered in Flight Plan Manager.



### Solution value

**Flight Plan Manager Essentials** provides sophisticated, affordable flight-plan-management solutions to smaller airlines.

### Complementary solutions

**Flight Plan Manager Essentials** is more powerful with the Sabre AirCentre Enterprise Operations suite of solutions.

## Life of the flight

**Flight Plan Manager Essentials** is beneficial in the areas of schedule optimization, day of operations, recovery and performance analysis.



**Sabre**



# Operations Platform



In-flight Management



## IN-FLIGHT MANAGEMENT

**Sabre AirVision In-flight Management** is the most advanced and only caterer-neutral solution family for provisioning and catering management on the market. Modular and configurable, Sabre AirVision In-flight is fully compatible with all Sabre and non-Sabre solutions via standard interfaces.

### Sabre AirVision In-flight

**Sabre AirVision In-flight** is an end-to-end on-board catering and provisioning solution that spans all aspects of service planning, meal ordering, forecasting, operations, materials management, financial controls and reporting.



#### Solution value

**In-flight** helps airlines realize 7 percent to 10 percent cost savings through reduction in meal wastage/shortage, invoice auditing and inventory management.

#### Complementary solutions

**In-flight** is more powerful with Sabre AirVision Schedule Manager, Sabre AirCentre Movement Manager and SabreSonic.

#### Life of the flight

**In-flight** is beneficial in the area of product and pricing.

## ●●● CAPABILITIES

#### Galley Manager

**Sabre AirVision In-flight Galley Manager** creates a visual layout of how a specific service is situated on an aircraft once it has been ordered. The capability increases efficiency and optimizes the galley-loading plans.

#### Materials Manager

**Sabre AirVision In-flight Materials Manager** is an inventory-management module that provides visibility and control over an airline's owned inventory based on future schedule and passenger forecasts. It also automates the generation of new orders, transfer requests and redistribution of the inventory around the network and increases efficiency by interacting with an airline's enterprise-resource-planning system.

### Operational Reprovisioner

**Sabre AirVision In-flight Operational Reprovisioner** enables airlines to manage and react to operational flight changes close to the time of departure. It processes real-time schedule changes and applies scheduling policies and rules to reprovision and recater flights. The capability is critical to managing day-of-operations changes, eliminating any manual/exception billing and increasing overall efficiency.

### Spend Manager

**Sabre AirVision In-flight Spend Manager** enables airlines to compare previously projected catering costs to actual catering costs, permitting what-if analysis for adjusting and estimating future spend. The capability is vital in analyzing the cost impact of entering new markets or introducing new services to existing markets.

### Stand Alone Meal Ordering System

**Sabre AirVision In-flight Stand Alone Meal Ordering System** uses passenger and item forecasts to reduce meal wastage via a dynamic self-adjusting algorithm and accounting for special meal requests, upgrades, no-shows and go-shows and staff travelers. The capability produces accurate forecasting to minimize meal wastage, reducing costs for airlines.

**Sabre**



# Operations Platform



Movement Management



## MOVEMENT MANAGEMENT

**Sabre AirCentre Movement Management** solutions enable airlines to determine and execute the best operational plan to achieve commercial and operational objectives. Among numerous other benefits, the movement-management solutions ensure schedule continuity from planning through day of operations and minimize the impact of disruptions to an airline and its customers. They also enable data sharing and streamlined workflows within an airline, across Sabre systems and with third-party services and systems.

### Sabre AirCentre Movement Manager Base

**Sabre AirCentre Movement Manager Base** is a flight-display-and-operations control system that provides graphical monitoring of an airline's operations, including real-time flight and aircraft status.



#### Solution value

**Movement Manager Base** identifies airline operational issues and enables airlines to immediately begin contingency planning, minimizing downline impact, improving on-time performance and maximizing staff productivity.

#### Complementary solutions

**Movement Manager Base** is more powerful with Sabre AirCentre Recovery Manager Ops, Sabre AirCentre Crew Manager or Sabre AirCentre Crew Control, Sabre AirCentre Flight Plan Manager, Sabre AirVision Schedule Manager and core SabreSonic. In addition, it is more powerful with the Movement Manager capabilities Flexible Messenger, Operations Dashboard, Operations Cost Analyzer, Operations Mobile, Operations Report Generator, Web Services and Movement Manager Web.

#### Life of the flight

**Movement Manager Base** is beneficial in the areas of day of operations, recovery and performance analysis.

## CAPABILITIES

### Flexible Messenger

**Sabre AirCentre Movement Manager Base Flexible Messenger** provides a configurable outbound messaging module to support dynamic, real-time downline communication of operational information.

### MRO Integration

**Sabre AirCentre Movement Manager Base MRO Integration** offers seamless integration between Movement Manager and third-party MRO systems to provide real-time access to maintenance and special-requirements information.

### Operations Cost Analyzer

**Sabre AirCentre Movement Manager Base Operations Cost Analyzer** enables airline controllers to make informed decisions about delay management and optimize aircraft-turnaround management. It provides real-time financial assessment of proposed schedule adjustments using precise data, reducing uncertainty and improving the overall solution quality in solving problems.

### Operations Mobile

**Sabre AirCentre Movement Manager Base Operations Mobile** offers real-time visibility into an airline's operations whether at an airport station, in the operations control center or for airline executives, resulting in improved collaboration and streamlined decision-making.

### Operations Report Generator

**Sabre AirCentre Movement Manager Base Operations Report Generator** enables airlines to customize their operational reports to suit their business requirements, resulting in more efficient decision-making.

### RES Integration

**Sabre AirCentre Movement Manager Base RES Integration** gives operations controllers access to real-time passenger information, making them aware of and able to fully account for the true impact on an airline's operations and its customers.

### Web

**Sabre AirCentre Movement Manager Base Web** is a web-based system that displays flight arrival and departure information for a selected airport on a given operations day, offering operational efficiencies and communication at the station level.

### Web Services

**Sabre AirCentre Movement Manager Base Web Services** offers the ability to access operational data through web services for airlines to integrate real-time flight and aircraft information with downline systems, providing efficiencies as well as consistencies in information sharing.



## Sabre AirCentre Movement Manager Enterprise

**Sabre AirCentre Movement Manager Enterprise** is a flight-display-and-operations control system that provides graphical monitoring of an airline's operations, including real-time flight and aircraft status.



### Solution value

**Movement Manager Enterprise** identifies airline operational issues and enables airlines to immediately begin contingency planning, minimizing downline impact, improving on-time performance and maximizing staff productivity.

### Complementary solutions

**Movement Manager Enterprise** is more powerful with Sabre AirCentre Recovery Manager Ops, Sabre AirCentre Crew Manager or Sabre AirCentre Crew Control, Sabre AirCentre Flight Plan Manager, Sabre AirVision Schedule Manager and core SabreSonic. It is also more powerful with Movement Manager capabilities Flexible Messenger, Operations Dashboard, Operations Cost Analyzer, Operations Mobile, Operations Report Generator, Web Services and Movement Manager Web.

### Life of the flight

**Movement Manager Enterprise** is beneficial in the areas of day of operations, recovery and performance analysis.

## ●●● CAPABILITIES

### Operations Cost Analyzer

**Sabre AirCentre Movement Manager Enterprise Operations Cost Analyzer** enables airline controllers to make informed decisions about delay management and optimize aircraft-turnaround management. It provides real-time financial assessment of proposed schedule adjustments using precise data, reducing uncertainty and improving the overall solution quality in solving problems.

### Operations Mobile

**Sabre AirCentre Movement Manager Enterprise Operations Mobile** offers real-time visibility into an airline's operations whether at an airport station, in the operations-control center or for airline executives, resulting in improved collaboration and streamlined decision-making.

### Operations Report Generator

**Sabre AirCentre Movement Manager Enterprise Operations Report Generator** enables airlines to customize their operational reports to suit their business requirements, resulting in more efficient decision-making.

## Web

**Sabre AirCentre Movement Manager Enterprise Web** is a web-based system that displays arrival-and-departure flight information for a selected airport on a given operations day, offering operational efficiencies and communication at the station level.

## Sabre AirCentre Movement Manager Standard

**Sabre AirCentre Movement Manager Standard** is a flight-display-and-operations control system that provides graphical monitoring of an airline's operations, including real-time flight and aircraft status.



## Solution value

**Movement Manager Standard** identifies airline operational issues and enables airlines to immediately begin contingency planning, minimizing downline impact, improving on-time performance and maximizing staff productivity.

## Complementary solutions

**Movement Manager Standard** is more powerful with Sabre AirCentre Recovery Manager Ops, Sabre AirCentre Crew Manager or Sabre AirCentre Crew Control, Sabre AirCentre Flight Plan Manager, Sabre AirVision Schedule Manager and core SabreSonic. It is also more powerful with the Movement Manager capabilities Flexible Messenger, Operations Dashboard, Operations Cost Analyzer, Operations Mobile, Operations Report Generator, Web Services and Movement Manager Web.

## Life of the flight

**Movement Manager Standard** is beneficial in the areas of day of operations, recovery and performance analysis.

## ●●● CAPABILITIES

### MRO Integration

**Sabre AirCentre Movement Manager Standard MRO Integration** offers seamless integration between Movement Manager and third-party MRO systems to provide real-time access to maintenance and special-requirements information.

### Operations Cost Analyzer

**Sabre AirCentre Movement Manager Standard Operations Cost Analyzer** enables airline controllers to make informed decisions about delay management and optimize aircraft-turnaround management. It provides real-time financial assessment of proposed schedule adjustments using precise data, reducing uncertainty and improving the overall solution quality in solving problems.



### Operations Mobile

**Sabre AirCentre Movement Manager Standard Operations Mobile** offers real-time visibility into an airline's operations whether at an airport station, in the operations control center or for airline executives, resulting in improved collaboration and streamlined decision-making.

### Operations Report Generator

**Sabre AirCentre Movement Manager Standard Operations Report Generator** enables airlines to customize their operational reports to suit their business requirements, resulting in more efficient decision-making.

### RES Integration

**Sabre AirCentre Movement Manager Standard RES Integration** gives operations controllers access to real-time passenger information, making them aware of and able to fully account for the true impact to an airline's operations and its customers.

### Web

**Sabre AirCentre Movement Manager Standard Web** is a web-based system that displays flight arrival and departure information for a selected airport on a given operations day, offering operational efficiencies and communication at the station level.

### Web Services

**Sabre AirCentre Movement Manager Standard Web Services** offers the ability to access operational data through web services for airlines to integrate real-time flight and aircraft information with downline systems, providing efficiencies, as well as consistencies in information sharing.

## Sabre AirCentre Operations Mobile

**Sabre AirCentre Operations Mobile** is a web-based system that enables airline staff to access real-time flight information from anywhere at any time. Operations Mobile is seamlessly integrated into Movement Manager Standard, Sabre's next-generation operations-management platform solution.



### Solution value

**Operations Mobile** provides real-time situational awareness of an airline's operations to a wider user community beyond the operations control center and allows key stakeholders to have full access to the latest flight details and schedule updates in a convenient browser-based environment, enabling the user community to access information they need via a tablet device.

### Complementary solutions

**Operations Mobile** is a web display of Movement Manager accessible on a tablet.

### Life of the flight

**Operations Mobile** is beneficial in the area of day of operations.

## ●●● CAPABILITIES

### Operations Mobile Base

**Sabre AirCentre Operations Mobile Base** allows users to view real-time details of a flight record as a text-based table display.

### Operations Mobile Standard

**Sabre AirCentre Operations Mobile Standard** uses a Gantt-based chart that represents the assignment of flights to operational aircraft tails in the fleet. This allows airlines to give web access to a wider community of users, allowing for scalability without having to access the main Movement Manager Standard application. Access to historical information is also available.

## Sabre AirCentre Recovery Manager Ops

**Sabre AirCentre Recovery Manager Ops** is an optimization-based flight operations decision-support system used to resolve schedule-disruption problems while minimizing operational disruption. Recovery Manager Ops uses the airline schedule, aircraft and maintenance details and passenger information and crew information to generate a complete recovery plan that minimizes the impact on passengers.



### Solution value

**Recovery Manager Ops** identifies airline operational issues and enables airlines to immediately propose contingency planning and recovery plans, minimizing downtime impact, improving on-time performance and maximizing staff productivity.

### Complementary solutions

**Recovery Manager Ops** is more powerful with Sabre AirCentre Movement Manager (Base/Standard/Enterprise), Sabre AirCentre Crew Manager or Sabre AirCentre Crew Control, Sabre AirCentre Flight Plan Manager, Sabre AirVision Schedule Manager and core SabreSonic.

### Life of the flight

**Recovery Manager Ops** is beneficial in the areas of day of operations, recovery and performance analysis.

**Sabre**

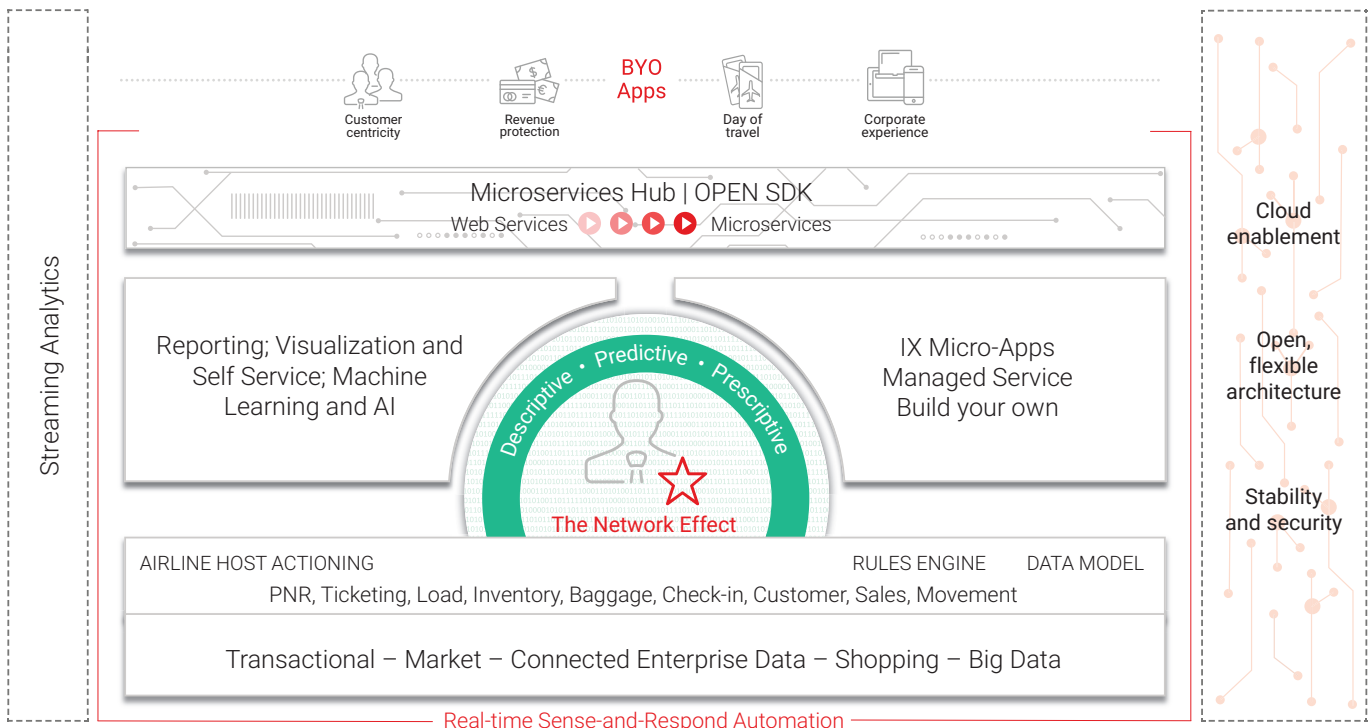


# Data & Analytics

Data & Analytics Platform Marketecture



# Sabre Data & Analytics Platform



**Sabre Data & Analytics Platform** – Connect the enterprise to enable intelligent action with an end-to-end set of solutions that enable comprehensive digital transformation. From data collection and storage through consolidation and enrichment, to analytics and actionable insights, our technology helps airlines create automated business rules and processes for the truly digital airline. Our robust portfolio includes an industry-tested data platform and advanced applications that cover commercial, operations and customer-data analysis, as well as Sabre Intelligence Exchange Micro-Apps that make your enterprise highly agile while providing your customers with a truly personalized travel experience.

**Sabre Intelligence Exchange** – Real-time data-integration platform that gathers, analyzes and acts on disparate data that spans across both commercial and operations areas with a data warehouse to bring siloed data together in one place for further analysis and actioning. Your airline then has the tools to analyze, garner insights and take timely, intelligent action for smart decision-making.

**Sabre Intelligence Exchange Apps and Micro-Apps** – Solve pervasive industry problems across the journey using sense-and-respond capability by consolidating the data so other applications and Micro-Apps can use it to provide crucial business insights for intelligent decisions. Sabre Intelligence Exchange Apps and Micro-Apps enable your airline to create customized applications, analytics and reports; helps enrich your noncore systems with customer data and empowers your airline with accurate insights and true business agility.



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# Data & Analytics

Data

## SABRE DATA & ANALYTICS

**Sabre Data & Analytics** solutions help airlines make smarter decisions at every touchpoint. Through a proprietary data-integration platform, airlines can gather, analyze and action disparate data from across their systems. Analytics solutions help airlines perform closed-loop analysis on actions and performance to increase profitability and sustain brand loyalty.

### Sabre Market Intelligence

**Sabre Market Intelligence** offers several decision-support capabilities that enable airlines to optimize their market-research efforts, analyze complex data for enhanced decision-making and examine potential market opportunities.



#### Life of the flight

**Market Intelligence** is beneficial in the areas of network development, product and pricing, capacity allocation, schedule optimization, day of operations and performance analysis.

#### ● ● ● CAPABILITIES

##### Data Extract

**Sabre Market Intelligence Data Extract** helps small airlines and nonairline businesses access Global Demand Data (GDD) for one-time analysis. It helps businesses achieve optimal market-research results they would otherwise be unable to attain.

##### Data Services

**Sabre Market Intelligence Data Services** creates passenger itinerary-level post-departure and advanced-booking information. In addition, the data can be directly fed to an airline's internal systems in business areas such as planning and scheduling, sales and marketing and pricing and revenue management. It organizes complex booking transactions from the global distribution system and transforms them into meaningful information. Available daily, weekly and monthly, it provides airlines with critical host and competitor information that can be used to make timely, fact-based operational decisions.

## SABRE DATA & ANALYTICS

### Global Demand Data (GDD)

**Sabre Market Intelligence Global Demand Data (GDD)** connects airlines to robust market data and provides advanced data-analysis capabilities across multiple commercial-planning areas such as network planning, revenue management and sales. It empowers airlines to gain new insights into markets where they currently compete or wish to compete. It also provides a variety of ways to view potential market opportunities.

### MIDT

**Sabre Market Intelligence MIDT** gives access to both historical and advanced (up to 11 months) bookings, allowing airlines to measure the impact of new pricing, marketing or sales initiatives. It gives airlines a clear view of developing trends along with advanced knowledge of industry threats. MIDT provides detailed market and decision-support analyses, which helps maximize sales and revenues. Combined with processed MIDT, it enables airline sales and account-management, pricing and revenue-management departments to easily extract data from global-distribution-system booking transactions.

### Lite MIDT

**Sabre Market Intelligence Lite MIDT** provides access to both historical and advanced (up to three months) bookings, allowing airlines to measure the impact of new pricing, marketing or sales initiatives. It gives airlines a clear view of developing trends along with the advanced knowledge of industry threats. Lite MIDT provides detailed market and decision-support analyses, which helps maximize sales and revenues. Combined with processed MIDT, it enables airline sales and account-management, pricing and revenue-management departments to easily extract data from global-distribution-system booking transactions.

## Sabre Data & Analytics Travel Data

**Sabre Data & Analytics Travel Data** gives airlines an enhanced collection of data extracts of reservations and ticketing data based on a structured, normalized data model or interrelated data elements.



### Solution value

**Travel Data** provides airlines with rich data that can be used to enhance the customer experience.

### Life of the flight

**Travel Data** is beneficial across the entire travel journey.



## SABRE DATA & ANALYTICS

### CAPABILITIES

#### Business Intelligence

**Sabre Data & Analytics Travel Data Business Intelligence** gives airlines broad analytic, reporting and data visualization. It provides a robust library of booking reports that give airlines an unaudited sales and revenue view to help increase revenue.

#### Batch

**Sabre Data & Analytics Travel Data Batch** sends a comprehensive collection of PNR, electronic-ticket (or VCR), employee-profile-record (EPR), inventory and check-in data to an airline on a daily basis. It enables airlines to easily load their data into a local data warehouse or other facility for further analysis and customized reporting.

#### Streaming Check-in

**Sabre Data & Analytics Travel Data Streaming Check-in** provides a continual push of XML-formatted check-in data to an airline from flight initiation to flight predeparture clearance. It enables airlines to receive a structured, comprehensive range of data sets from check-in records in near real time.

#### Streaming – PNR/VCR

**Sabre Data & Analytics Travel Data Streaming – PNR/VCR** is the continual push of XML-formatted PNR and/or electronic-ticket data to an airline as the PNR or electronic ticket is updated. It enables airlines to receive a structured, comprehensive range of data sets from PNR and electronic-ticket records in near real time.

## Sabre Qik Solution

**Sabre Qik Solution** is travel- and transport-specific software application development technology (toolkit) that allows airlines to create intelligent, graphical user interfaces (Qik GUIs) and automated processes (Qik robotics).



#### Solution value

**Qik Solution** and its components allow for the rapid creation and fast deployment of travel-specific automated business processes that reduce manual effort, save cost and time and help increase revenue and passenger satisfaction.

#### Complementary solutions

**Qik Solution** is more powerful with Sabre Intelligence Exchange.

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• SABRE DATA & ANALYTICS

### Life of the flight

**Qik Solution** is beneficial in the areas of product and pricing, distribution and channel optimization, schedule optimization, day of operations, recovery and performance analysis.

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**Sabre**



# Data & Analytics

Commercial Analytics

## SABRE COMMERCIAL ANALYTICS

Our data and analytics ecosystem offers an end-to-end set of solutions that enable comprehensive digital transformation. From data collection and storage through consolidation and enrichment, to analytics and actionable insights, our technology helps airlines create automated business rules and processes for the truly digital airline. Our robust portfolio includes an industry-tested data platform and advanced applications that cover commercial, operations and customer-data analysis, as well as Micro-Apps that make your enterprise highly agile while providing your customers with a truly personalized travel experience.

### Sabre Commercial Analytics

**Sabre Commercial Analytics** delivers unique and actionable insights that allow airlines to enhance decision-making and profitability. Commercial Analytics enables better decisions through comprehensive macro-level metrics around total revenue performance; provides visibility into accurate, real-time revenue estimates, including interline and codeshare revenue; builds trip segments and leverages deeper customer insights to facilitate precise decision-making and drives focused resolution via recommendations and guided drill-down analysis.



#### Solution value

**Commercial Analytics** enables airlines to extend their competitive advantage and maximize revenue per customer by empowering decision makers to take appropriate action across the commercial department through analytical insights. It is tailored to respond to an airline's needs, regardless of its maturity in analytics, size or business model.

#### Complementary solutions

**Commercial Analytics** is more powerful with SabreSonic Inventory, Sabre Intelligence Exchange and Sabre AirVision Revenue Optimizer.

#### Life of the flight

**Commercial Analytics** is beneficial in the areas of network development, product and pricing, capacity allocation, schedule optimization, day of operations and performance analysis.

**Sabre**



# Data & Analytics

Intelligence Exchange Platform

## SABRE INTELLIGENCE EXCHANGE

Our **Sabre Intelligence Exchange** platform sits at the heart of our data and analytics ecosystem. Intelligence Exchange is our real-time data-integration platform that gathers, analyzes and acts on disparate data that spans your airline's systems. By bringing this disparate data together in one place, your airline has the tools to analyze, garner insights and take timely, intelligent action.

### Sabre Intelligence Exchange

**Sabre Intelligence Exchange** is a flexible, scalable IT platform designed to give a real-time, comprehensive view of siloed data spanning across an entire airline.



#### Solution value

**Intelligence Exchange** provides powerful, real-time data analytics that offers insights to influence effective decision-making and business processes.

#### Complementary solutions

**Intelligence Exchange** is more powerful with numerous internal and external data sources and platforms that an airline depends on to conduct day-to-day business. Primary systems include passenger service, ticketing, loyalty, customer-relationship management, operations and revenue management.

#### Life of the flight

**Intelligence Exchange** is beneficial in the areas of network development, product and pricing, distribution and channel optimization, capacity allocation, schedule optimization, day of operations, recovery and performance analysis.

### ●●● CAPABILITIES

#### Baggage Domain

**Sabre Intelligence Exchange Baggage Domain** tracks baggage along the entire customer journey. It enables airlines to comply with industry mandates by effectively managing and tracking customer baggage.

#### Booking & Ticketing Domain

**Sabre Intelligence Exchange Booking & Ticketing Domain** provides valuable insights gleaned from reservations, booking and ticketing data. It gives airlines greater visibility into reservations, booking and ticketing, enabling them to provide better offers, increase customer satisfaction and provide cross and upsell opportunities.



## SABRE INTELLIGENCE EXCHANGE

### Crew Domain

**Sabre Intelligence Exchange Crew Domain** provides data pertaining to the availability and management of flight crews. It supports optimal resource scheduling and cost management.

### Customer Domain

**Sabre Intelligence Exchange Customer Domain** provides detailed information that is key to understanding the profile, attributes and events of individual customers as they interact with an airline. It enables airlines to more effectively provide customized offers, real-time offers and instant upgrades for their customers.

### Departure Control System (DCS) Domain

**Sabre Intelligence Exchange Departure Control System (DCS) Domain** provides customer check-in and check-out data, as well as departure-related details of travelers. It enables airlines to more optimally manage scheduling, day of operations and management of resources based on the volume of traffic.

### Inventory Domain

**Sabre Intelligence Exchange Inventory Domain** provides real-time data about seat inventory and availability. It enables airlines to make real-time modifications in pricing, as well as detect and reduce fraud and manipulations by external agencies.

### Operations Domain

**Sabre Intelligence Exchange Operations Domain** provides data that impacts day-to-day airline operations. It is vital to schedules, day of operations and recovery optimization. Additionally, it streamlines operations with advanced planning and routing as needed.

### Seat Domain

**Sabre Intelligence Exchange Seat Domain** provides airlines with the necessary data view and the ability to manage seats for specific purposes. It gives airlines better insights into seat availability, enabling them to increase customer satisfaction and revenue.

**Sabre**



# Data & Analytics

Intelligence Exchange Micro-Apps



## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

**Sabre Intelligence Exchange Micro-Apps** drive increased revenue, help streamline airline operations, enhance the passenger experience and help stop revenue leakage. Sabre Intelligence Exchange (“IX”) is a real-time data-integration platform that gathers, analyzes and can take action on disparate data from across airline systems. The Sabre Intelligence Exchange Marketplace is a digital marketplace for fast-deployed business IX Micro-Apps that utilize streaming data to solve an airline’s most pervasive business challenges.

### Agency Booking Integrity Intelligence Exchange Micro-App

**Agency Booking Integrity Intelligence Exchange Micro-App** sets up business rules to check nondirect channel reservations. It also identifies missing or improperly formatted data. It then takes action on those reservations.

Micro-App category: ■ Enhance passenger experience



#### Solution value

**Agency Booking Integrity** provides a more consistent passenger experience by ensuring better data quality in agency reservations.

#### Complementary solutions

**Agency Booking Integrity** requires Sabre Intelligence Exchange.

#### Life of the flight

**Agency Booking Integrity** is beneficial in the area of product and pricing.

### Airport Brand Integrity Intelligence Exchange Micro-App

**Airport Brand Integrity Intelligence Exchange Micro-App** notifies partner airlines and third-party ground handlers about relevant branded-fare inclusions and prepaid ancillaries at check-in so they can provide passengers a more seamless journey.

Micro-App category: ■ Streamline airline operations



#### Solution value

**Airport Brand Integrity** reinforces an airline’s brand by providing a seamless customer experience with airline partners and third-party ground handlers at check-in.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Complementary solutions

**Airport Brand Integrity** requires Sabre Intelligence Exchange.

### Life of the flight

**Airport Brand Integrity** is beneficial in the area of day of operations.

## Airport Passenger Reaccommodation Intelligence Exchange Micro-App

**Airport Passenger Reaccommodation Intelligence Exchange Micro-App** uses robust passenger data to minimize the impact to passengers when last-minute operational events occur at the airport.

Micro-App category: ■ Streamline airline operations



### Solution value

**Airport Passenger Reaccommodation** helps airlines save money, as well as protects brand identity by quickly and fairly reaccommodating passengers at the airport when operational incidents occur.

### Complementary solutions

**Airport Passenger Reaccommodation** requires Sabre Intelligence Exchange.

### Life of the flight

**Airport Passenger Reaccommodation** is beneficial in the area of recovery.

## Ancillary Disruption Tracker Intelligence Exchange Micro-App

**Ancillary Disruption Tracker Intelligence Exchange Micro-App** identifies ancillaries that have become disassociated from reservations so appropriate action can be taken quickly to minimize impact to the passenger journey.

Micro-App category: ■ Enhance passenger experience



### Solution value

**Ancillary Disruption Tracker** minimizes loss of ancillary revenue in the case of flight disruptions or delays. It also protects the brand image by providing predictable service to passengers.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Complementary solutions

**Ancillary Disruption Tracker** requires Sabre Intelligence Exchange.

### Life of the flight

**Ancillary Disruption Tracker** is beneficial in the area of product and pricing.

## Ancillary Fee Checker Intelligence Exchange Micro-App

**Ancillary Fee Checker Intelligence Exchange Micro-App** helps ensure that when airlines offer free ancillaries to targeted customers that they are delivered seamlessly without additional charge.

Micro-App category: ■ Enhance passenger experience



### Solution value

**Ancillary Fee Checker** ensures that airlines deliver complementary ancillaries to targeted passengers throughout their journey.

### Complementary solutions

**Ancillary Fee Checker** requires Sabre Intelligence Exchange.

### Life of the flight

**Ancillary Fee Checker** is beneficial in the area of product and pricing.

## Ancillary Time Limit Intelligence Exchange Micro-App

**Ancillary Time Limit Intelligence Exchange Micro-App** establishes a time limit for each ancillary associated with a reservation and acts on ancillaries that have not been paid for before the time limit expires.

Micro-App category: ■ Prevent revenue leakage



### Solution value

**Ancillary Time Limit** reduces revenue leakage by finding and acting on unpaid ancillaries.

### Complementary solutions

**Ancillary Time Limit** requires Sabre Intelligence Exchange.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Life of the flight

**Ancillary Time Limit** is beneficial in the area of product and pricing.

## Auto Check-in Intelligence Exchange Micro-App

**Auto Check-in Intelligence Exchange Micro-App** processes auto check-ins for eligible passengers to enhance the passenger experience and reduce check-in traffic at the airport.

Micro-App category: ■ Streamline airline operations



### Solution value

**Auto Check-in** automatically checks in eligible passengers for eligible flights for passenger convenience, as well as reduces airport check-in transactions.

### Complementary solutions

**Auto Check-in** requires Sabre Intelligence Exchange.

### Life of the flight

**Auto Check-in** is beneficial in the area of day of operations.

## Auto Seat Restore Intelligence Exchange Micro-App

**Auto Seat Restore Intelligence Exchange Micro-App** checks bookings to make sure paid seats remain intact after a schedule change or reassigns the same or similar seat or seating product, if there is an issue.

Micro-App category: ■ Enhance passenger experience



### Solution value

**Auto Seat Restore** avoids causing unnecessary passenger dissatisfaction when paid seats are affected by schedule change.

### Complementary solutions

**Auto Seat Restore** requires Sabre Intelligence Exchange.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Life of the flight

**Auto Seat Restore** is beneficial in the area of recovery.

## Auto Seating Intelligence Exchange Micro-App

**Auto Seating Intelligence Exchange Micro-App** automatically detects and assigns seats for passengers without seat assignments after the flight is open for check-in to speed up the check-in process and reduce airport wait times.

Micro-App category:  Enhance passenger experience



### Solution value

**Auto Seating** improves passenger satisfaction by automatically assigning seats to passengers without prereserved seats when the check-in window opens, reducing airport check-in traffic.

### Complementary solutions


**Auto Seating** requires Sabre Intelligence Exchange.

### Life of the flight

**Auto Seating** is beneficial in the area of day of operations.

## Award Accrual Integrity Intelligence Exchange Micro-App

**Award Accrual Integrity Intelligence Exchange Micro-App** detects revenue bookings where cabin upgrades were purchased with loyalty awards to ensure members' accounts are updated with miles earned per their original booking class.

Micro-App category:  Enhance passenger experience



### Solution value

**Award Accrual Integrity** protects the image of an airline's loyalty program and reduces customer-care workload by ensuring members' accounts are accurately updated.

### Complementary solutions

**Award Accrual Integrity** requires Sabre Intelligence Exchange.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Life of the flight

**Award Accrual Integrity** is beneficial in the area of product and pricing.

## Business Process Agility Intelligence Exchange Micro-App

**Business Process Agility Intelligence Exchange Micro-App** consolidates data from across an airline and creates notifications for reservations requiring action.

Micro-App category: ■ [Prevent revenue leakage](#)



### Solution value

**Business Process Agility** responds immediately to an airline's rapidly changing business environment by implementing Micro-Apps that can be easily configured and quickly deployed into production.

### Complementary solutions

**Business Process Agility** requires Sabre Intelligence Exchange.

### Life of the flight

**Business Process Agility** is beneficial in the area of product and pricing.

## Equipment Change Restore Intelligence Exchange Micro-App

**Equipment Change Restore Intelligence Exchange Micro-App** identifies equipment changes in near real time and performs the necessary actions to restore previous settings.

Micro-App category: ■ [Streamline airline operations](#)



### Solution value

**Equipment Change Restore** enhances the passenger experience during check-in by restoring equipment-change flights more quickly, protecting revenue by promptly adjusting inventory and enhancing operational efficiency through timely application of weight restrictions.

### Complementary solutions

**Equipment Change Restore** requires Sabre Intelligence Exchange.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Life of the flight

**Equipment Change Restore** is beneficial in the area of recovery.

## Fare Error Detector Intelligence Exchange Micro-App

**Fare Error Detector Intelligence Exchange Micro-App** automatically detects incorrectly filed airfares and alerts internal teams for immediate action, avoiding costly revenue leakage and potential damage to the brand.

Micro-App category: ■ Prevent revenue leakage



### Solution value

**Fare Error Detector** detects and quickly reacts to incorrectly filed airfares to stop revenue leakage and protect the airline brand.

### Complementary solutions

**Fare Error Detector** requires Sabre Intelligence Exchange.

### Life of the flight

**Fare Error Detector** is beneficial in the area of product and pricing.

## Group Integrity Tracker Intelligence Exchange Micro-App

**Group Integrity Tracker Intelligence Exchange Micro-App** captures group reservations changes in real time, then triggers automated actions and creates reports to restrict revenue leakage from misuse of special fares.

Micro-App category: ■ Prevent revenue leakage



### Solution value

**Group Integrity Tracker** generates incremental revenue through monitoring agency behavior to identify group-booking leakage.

### Complementary solutions

**Group Integrity Tracker** requires Sabre Intelligence Exchange.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Life of the flight

**Group Integrity Tracker** is beneficial in the area of product and pricing.

## Inflight Brand Experience Intelligence Exchange Micro-App

**Inflight Brand Experience Intelligence Exchange Micro-App** notifies operating airlines and catering providers about relevant inflight services for each reservation so they can provide passengers a more seamless journey.

Micro-App category: ■ Enhance passenger experience



### Solution value

**Inflight Brand Experience** reinforces an airline's brand by providing a seamless onboard experience on flights operated by partner airlines.

### Complementary solutions

**Inflight Brand Experience** requires Sabre Intelligence Exchange.

### Life of the flight

**Inflight Brand Experience** is beneficial in the area of day of operations.

## Inflight Meal Optimizer Intelligence Exchange Micro-App

**Inflight Meal Optimizer Intelligence Exchange Micro-App** improves accuracy of meal provisioning by detecting changes at the segment level in near real time and triggering events to take the appropriate action.

Micro-App category: ■ Prevent revenue leakage



### Solution value

**Inflight Meal Optimizer** reduces operating expenses and food waste by improving accuracy of meal provisioning.

### Complementary solutions

**Inflight Meal Optimizer** requires Sabre Intelligence Exchange.



## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Life of the flight

**Inflight Meal Optimizer** is beneficial in the area of product and pricing.

## Instant Loyalty Accrual Intelligence Exchange Micro-App

**Instant Loyalty Accrual Intelligence Exchange Micro-App** uses departure-control data to update passengers' loyalty accounts with accrued awards and sends them a personalized notification upon boarding the flight to keep them informed of their earnings in real time.

Micro-App category: ■ **Streamline airline operations**



### Solution value

**Instant Loyalty Accrual** differentiates an airline's loyalty program by interacting with loyalty-program members in real time when they board the aircraft.

### Complementary solutions

**Instant Loyalty Accrual** requires Sabre Intelligence Exchange.

### Life of the flight

**Instant Loyalty Accrual** is beneficial in the area of product and pricing.

## Last Minute Upgrades Intelligence Exchange Micro-App

**Last Minute Upgrades Intelligence Exchange Micro-App** enables airlines to use loyalty-system data to automatically identify passengers who are eligible for upgrades at the airport. Offer passengers either paid upgrades or upgrade awards based on tier status or other criteria.

Micro-App category: ■ **Earn incremental revenue**



### Solution value

**Last Minute Upgrades** increases upgrade conversion rates at the airport by upselling target customers.

### Complementary solutions

**Last Minute Upgrades** requires Sabre Intelligence Exchange.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Life of the flight

**Last Minute Upgrades** is beneficial in the area of product and pricing.

## No-Show Manager Intelligence Exchange Micro-App

**No-Show Manager Intelligence Exchange Micro-App** releases downstream segments and ticket coupons for no-show passengers.

Micro-App category: ■ [Prevent revenue leakage](#)



### Solution value

**No-Show Manager** enables airlines to release downstream inventory that is likely to go unflown and update ticket coupons following a no-show, allowing airlines to resell those seats and collect no-show or reissue fees per their policy, as well as helps prevent unauthorized ticket refunds or exchanges.

### Complementary solutions

**No-Show Manager** requires Sabre Intelligence Exchange.

### Life of the flight

**No-Show Manager** is beneficial in the area of product and pricing.

## Origin & Destination Booking Class Inspector Intelligence Exchange Micro-App

**Origin & Destination Booking Class Inspector Intelligence Exchange Micro-App** automatically detects and corrects O&D booking-class abuse, avoiding costly revenue leakage for airlines.

Micro-App category: ■ [Prevent revenue leakage](#)



### Solution value

**Origin & Destination Booking Class Inspector** automatically finds and corrects O&D booking-class abuse, resulting in higher revenue for an airline.

### Complementary solutions

**Origin & Destination Booking Class Inspector** requires Sabre Intelligence Exchange.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Life of the flight

**Origin & Destination Booking Class Inspector** is beneficial in the area of product and pricing.

## Origin & Destination Married Segment Inspector Intelligence Exchange Micro-App

**Origin & Destination Married Segment Inspector Intelligence Exchange Micro-App** automatically detects and reports on married-segment booking-class abuse, avoiding costly revenue leakage for airlines.

Micro-App category: [Prevent revenue leakage](#)



### Solution value

**Origin & Destination Married Segment Inspector** automatically finds and reports on married-segment abuse bookings, resulting in higher revenue for an airline.

### Complementary solutions

**Origin & Destination Married Segment Inspector** requires Sabre Intelligence Exchange.

### Life of the flight

**Origin & Destination Married Segment Inspector** is beneficial in the area of product and pricing.

## Origin & Destination Waitlist Clearance Intelligence Exchange Micro-App

**Origin & Destination Waitlist Clearance Intelligence Exchange Micro-App** automatically detects origin and destination waitlisted segments for clearance or cancellation based on O&D, fare value and time of booking. It then confirms the journey or cancels certain confirmed segments to avoid potential revenue loss.

Micro-App category: [Prevent revenue leakage](#)

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS



### Solution value

**Origin & Destination Waitlist Clearance** clears waitlists at the O&D level, so either all segments that are part of an O&D booking will be confirmed as soon as possible, or certain confirmed segments within the O&D should be canceled, freeing up seats for sale. Confirming the waitlisted passengers based on O&D, fare value and time of booking instead of booking class maximizes airline revenue.

### Complementary solutions

**Origin & Destination Waitlist Clearance** requires Sabre Intelligence Exchange.

### Life of the flight

**Origin & Destination Waitlist Clearance** is beneficial in the area of product and pricing.

## Paid Seat Integrity Intelligence Exchange Micro-App

**Paid Seat Integrity Intelligence Exchange Micro-App** documents bookings with descriptive seat characteristics for seats prepaid by the passenger.

Micro-App category:  Enhance passenger experience



### Solution value

**Paid Seat Integrity** enhances the passenger experience and potentially reduces compensation by enabling staff to respond to prepaid seat issues by automatically documenting the booking with descriptive seat characteristics for the prepaid seat product purchased.

### Complementary solutions

**Paid Seat Integrity** requires Sabre Intelligence Exchange.

### Life of the flight

**Paid Seat Integrity** is beneficial in the area of product and pricing.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Paid Seat Selection Optimizer Intelligence Exchange Micro-App

**Paid Seat Selection Optimizer Intelligence Exchange Micro-App** automatically detects flight initialization and ensures seats that were blocked as paid seats are released for general seat assignment on all channels for all appropriate flights and cabins.

Micro-App category: ■ Enhance passenger experience



#### Solution value

**Paid Seat Selection Optimizer** enhances passenger experience and minimizes staff intervention by ensuring paid seats are released for general assignment by passengers based on an airline's specific rules.

#### Complementary solutions

**Paid Seat Selection Optimizer** requires Sabre Intelligence Exchange.

#### Life of the flight

**Paid Seat Selection Optimizer** is beneficial in the area of product and pricing.

### Personalized Trip Promotions Intelligence Exchange Micro-App

**Personalized Trip Promotions Intelligence Exchange Micro-App** targets passengers using a wide range of relevant airline data and creates custom offers for passengers throughout their journey.

Micro-App category: ■ Earn incremental revenue



#### Solution value

**Personalized Trip Promotions** generates incremental revenue by creating personalized passenger experience offerings in real time.

#### Complementary solutions

**Personalized Trip Promotions** requires Sabre Intelligence Exchange.

#### Life of the flight

**Personalized Trip Promotions** is beneficial in the area of product and pricing.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

## Post Schedule Change Passenger Care Intelligence Exchange Micro-App

**Post Schedule Change Passenger Care Intelligence Exchange Micro-App** automatically identifies passengers who may require special care after a schedule change.

Micro-App category: ■ Enhance passenger experience



### Solution value

**Post Schedule Change Passenger Care** improves customer satisfaction by knowing which passengers require special care after a schedule-change event.

### Complementary solutions

**Post Schedule Change Passenger Care** requires Sabre Intelligence Exchange.

### Life of the flight

**Post Schedule Change Passenger Care** is beneficial in the area of recovery.

## Promote Loyalty Program Award Spend Intelligence Exchange Micro-App

**Promote Loyalty Program Award Spend Intelligence Exchange Micro-App** enables airlines to sell redemption promotion packages, which encourages airline passengers to redeem their loyalty awards.

Micro-App category: ■ Earn incremental revenue



### Solution value

**Promote Loyalty Program Award Spend** generates incremental revenue for airlines and reduces loyalty-award-balance liability.

### Complementary solutions

**Promote Loyalty Program Award Spend** requires Sabre Intelligence Exchange.

### Life of the flight

**Promote Loyalty Program Award Spend** is beneficial in the area of product and pricing.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

## Revenue Accounting Reporter Intelligence Exchange Micro-App

**Revenue Accounting Reporter Intelligence Exchange Micro-App** automatically identifies and reports on ticket discrepancies, avoiding costly revenue leakage.

Micro-App category: ■ [Prevent revenue leakage](#)



### Solution value

**Revenue Accounting Reporter** minimizes manual work in revenue accounting and more accurately identifies ticket discrepancies for reconciliation to prevent revenue leakage.

### Complementary solutions

**Revenue Accounting Reporter** requires Sabre Intelligence Exchange.

### Life of the flight

**Revenue Accounting Reporter** is beneficial in the area of product and pricing.

## Staff Travel Confirmation Intelligence Exchange Micro-App

**Staff Travel Confirmation Intelligence Exchange Micro-App** automates the processing of standby staff travelers. It helps confirm when space becomes available, creates tickets and notifies staff.

Micro-App category: ■ [Streamline airline operations](#)



### Solution value

**Staff Travel Confirmation** reduces administrative costs associated with managing staff travel reservations and brings more value to employee travel privileges.

### Complementary solutions

**Staff Travel Confirmation** requires Sabre Intelligence Exchange.

### Life of the flight

**Staff Travel Confirmation** is beneficial in the area of capacity allocation.

## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

## Targeted Seat Upgrades Intelligence Exchange Micro-App

**Targeted Seat Upgrades Intelligence Exchange Micro-App** uses data from a variety of sources, including call-center-agent remarks, to automatically identify passengers with the highest potential to purchase a seat upgrade.

Micro-App category: ■ Earn incremental revenue



### Solution value

**Targeted Seat Upgrades** increases post-booking upgrade revenue by upselling targeted passengers.

### Complementary solutions

**Targeted Seat Upgrades** requires Sabre Intelligence Exchange.

### Life of the flight

**Targeted Seat Upgrades** is beneficial in the area of product and pricing.

## Through Check-in Seats Manager Intelligence Exchange Micro-App

**Through Check-in Seats Manager Intelligence Exchange Micro-App** automatically detects and assigns seats for passengers who need to be seated for through-flight segments to speed up the check-in process.

Micro-App category: ■ Streamline airline operations



### Solution value

**Through Check-in Seats Manager** improves passenger satisfaction by ensuring passengers are able to complete check-in on all airline-operated connecting flights, as well as saves time by speeding up the through check-in process for agents at the airport.

### Complementary solutions

**Through Check-in Seats Manager** requires Sabre Intelligence Exchange.

### Life of the flight

**Through Check-in Seats Manager** is beneficial in the area of day of operations.



## SABRE INTELLIGENCE EXCHANGE MICRO-APPS

### Top Tier Auto-Upgrades Intelligence Exchange Micro-App

**Top Tier Auto-Upgrades Intelligence Exchange Micro-App** automatically upgrades airlines' loyal, top-tier passengers using configurable criteria to reward and retain their loyalty.

Micro-App category: ■ Earn incremental revenue



#### Solution value

**Top Tier Auto-Upgrades** increases passenger loyalty and retention by automatically upgrading the most loyal passengers using strict business rules actioned against real-time data.

#### Complementary solutions

**Top Tier Auto-Upgrades** requires Sabre Intelligence Exchange.

#### Life of the flight

**Top Tier Auto-Upgrades** is beneficial in the area of product and pricing.

### Unaccompanied Minor Data Inspector Intelligence Exchange Micro-App

**Unaccompanied Minor Data Inspector Intelligence Exchange Micro-App** automatically detects missing data in unaccompanied-minor bookings and fixes the bookings in near real time. It also alerts airline staff that the booking needs further attention.

Micro-App category: ■ Enhance passenger experience



#### Solution value

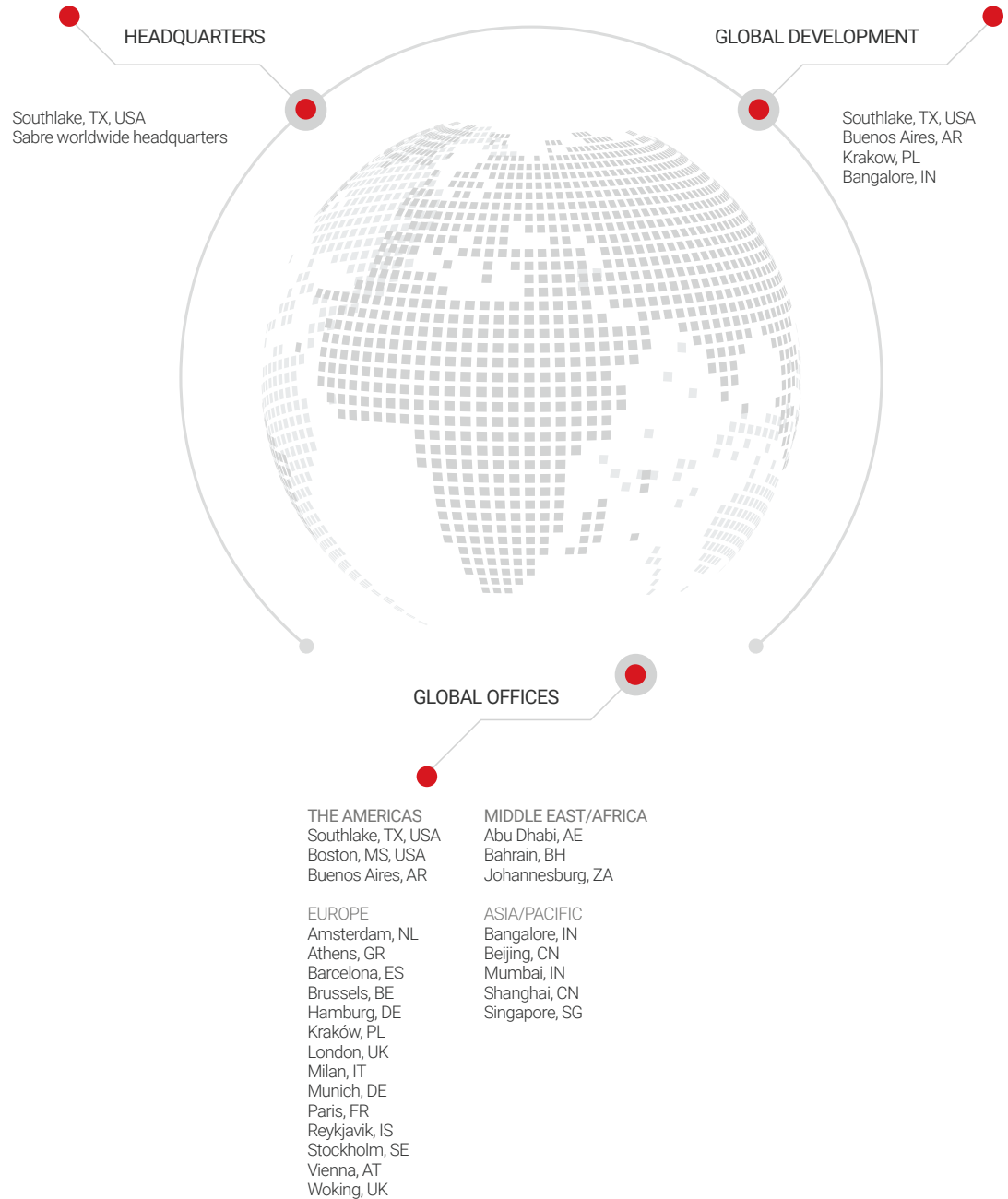
**Unaccompanied Minor Data Inspector** improves customer satisfaction and adherence to airline policy by ensuring required data is included in every unaccompanied-minor booking.

#### Complementary solutions

**Unaccompanied Minor Data Inspector** requires Sabre Intelligence Exchange.

#### Life of the flight

**Unaccompanied Minor Data Inspector** is beneficial in the area of product and pricing.



### About Sabre Airline Solutions

Sabre Airline Solutions provides comprehensive technology solutions that help airlines sharpen their competitive edge. Using our connected platforms, airlines gain the commercial planning, customer sales and service, retailing and operations support they need to deliver a superior customer experience and realize profitable growth. The solution platforms are supported by robust data and analytics tools for smarter decision-making at every touchpoint. Sabre's future-ready technology is backed by deep industry knowledge, leading operations research and holistic services that ensure airlines realize maximum value in their investment with us.