

# Sabre Red 360

## Version 22.11

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## Overview

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This document contains information regarding the latest release of Sabre® Red™ 360. Sabre Red 360 is the point-of-sale product for Sabre Travel Network customers. Included in this document you will find the latest enhancements, defect fixes and configuration changes included in this latest release

Sabre Red 360 is an agency point-of-sale application with various features designed to effectively book travel services, ancillaries, and obtain travel information. New products and services are added to the Sabre Red 360 client with each release.

More information available on Sabre Central under following URL:

<https://central.sabre.com>

Archived release notes are available on Sabre Central under following URL:

<https://central.sabre.com/s/supportadtlresources>

*Product Release Notes & Related Information → Sabre Red 360*

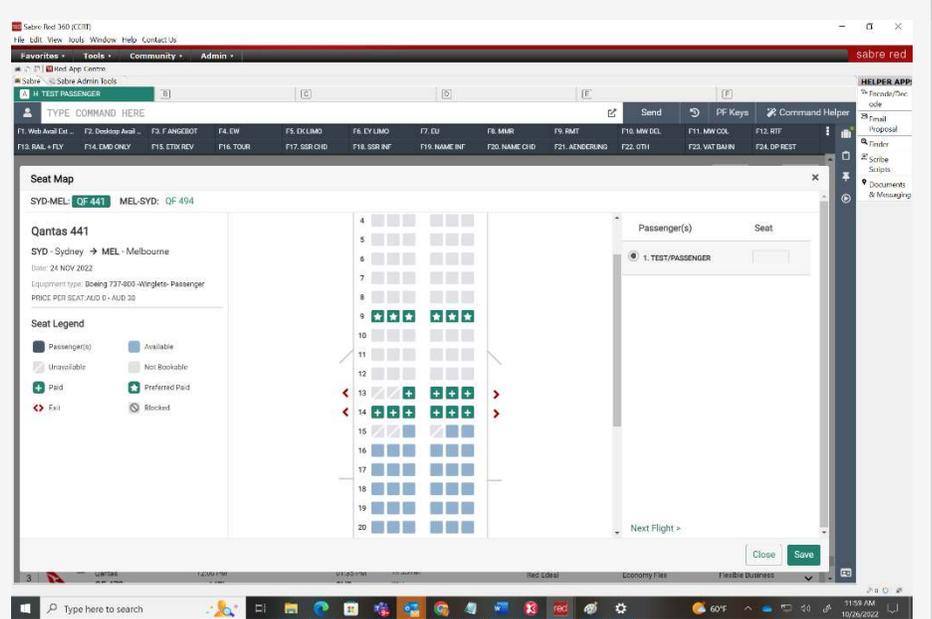
# New Features

Feature	Example
<p><b>[Air Availability] Health messages displayed on Air Availability display</b></p> <p>Health information is now available on Air availability display in both: classic and graphical style.</p> <p>It is based on DEI 508 information filed by carrier on a particular flight level.</p>	<p>The example shows two views of flight information for the route SEA - Seattle to ANC - Anchorage on Friday, October 21st.</p> <p><b>Top View (Classic Style):</b> A list of 10 flights with columns for flight number, carrier, aircraft, departure/arrival times, duration, and health status. Health status is indicated by a green checkmark (OK) or a yellow triangle (Warning). For example, flight 1 AS 117 has a green checkmark, while flight 2 TN/** 2672 has a yellow triangle and the text "INTL ONLINE CONEX/STPWR TFC ONLY".</p> <p><b>Bottom View (Graphical Style):</b> A more detailed view of the same flights. It includes the carrier logo, flight number, route (SEA - Seattle to ANC - Anchorage), departure/arrival times, duration, and health status. The health status is shown with a green checkmark or a yellow triangle. For example, flight 2 TN/** 2672 has a yellow triangle and the text "INTL ONLINE CONEX/STPWR TFC ONLY".</p> <p>Both views include a header for "NEG COVID-19 TEST REQ FOR ARRIVALS INTO ALASKA".</p>

## [NDC] Seats blocked from sale by airline.

We will now show seats that are blocked from sale by the airline

The user will be able to see the seat details using hover over but will not be able to select that seat for sale.



## [CSL] Frequent Guest number (/ID- qualifier) added to Hotel Search

From now on, users can add frequent guest number(s) to hotel search for both graphical and command options.

Hotel Search and Address Search forms have now Frequent guest number option under Advanced qualifiers allowing to add up to ten numbers. Hotel Property Search is also enhanced with Frequent guest field. Additionally, the fields get pre-populated with Loyalty data from Profile if such is added to PNR.

For HOT and HOD commands, /ID-qualifier is now supported as well. HOT command accepts up to 10 numbers that can be added after comma or as separate /ID-qualifiers, such as below:

HOTLHR/10JAN-5NT1/ID-EM12345678,HY11111111

or

HOTLHR/10JAN-5NT1/ID-EM12345678/ID-HY11111111

**[CSL] Arrival and Departure available in Sell and Modify forms (true CSL segments only)**

As a part of work to support true CSL bookings for GDS content, related to future legacy path sunset, this release contains enhancement in sell and modify flows for true CSL segments.

With this release, Sell and Modify modals contain fields for adding Arrival and Departure details, such as flight number and time.

The screenshot shows a 'Modify Reservation' modal with the following sections:

- Traveler's name:** 1.1 TEST, TEST
- Corporate discount number (Optional):** Number
- Frequent guest number (Optional):** Number
- Frequent flyer number (Optional):** Vendor code, Number
- Payment:**
  - Guarantee options: Deposit with credit card
  - Form of payment: VI 4\*1111 Exp 11 23 TEST
- Additional requests:**
  - Supplemental information (Optional):
  - IATA Override (Optional):
- Arrival and departure information:**
  - Arrival time (Optional): 12:20
  - Airline code and flight number (Optional): LH23
  - Departure time (Optional): 14:15
  - Airline code and flight number (Optional): LH332

Buttons: Cancel, Modify

**[CSL] Hotel Reservation form adjustment – Multiple travelers' validation (Bedsonline, Nirvana aggregator)**

To meet additional requirements from some aggregators, an adjustment has been made to the booking for multiple passengers. From now on, for any aggregator that requires First and Last name for each traveler, SR360 will check if number of travelers in PNR matches the number of guests provided in Hotel Shopping. If it differs, the message will be provided to adjust the number.

Additionally, once Sell is made, travelers' details (first and last name of each traveler) will be sent to the aggregator.

The screenshot shows a 'Missing items' modal with the message: "To book room please add: Traveler." and buttons for 'Cancel' and 'Add to PNR'.

Below the modal is a 'Hotel Reservation' summary for Saffron Boutique Hotel:

- Hotel: Saffron Boutique Hotel, Burj Nahar Intersection, Al Mura, Deira
- Check-in: 10 Dec 2022, Check-out: 15 Dec 2022
- Room: 1 room, 2 guests, Net
- Refundable: 09 Dec 2022, Penalty: USD 27.23 (Pre Paid)
- Rate: USD 54.46 avg. nightly rate
- Total: NIRVANA USD 272.30 approximate total (with taxes excludes fees)

**Guest Details:**

- Traveler's name: 1.1 SMITH, ANNE MRS
- 2.1 SMITH, ALEXANDER MR
- Frequent guest number (Optional): Number
- Frequent flyer number (Optional): Vendor code, Number

**[CSL] Hotel Reservation form adjustment – title validation (Nirvana aggregator)**

In preparation for new content from Nirvana aggregator Sell form has been adjusted to meet the requirement of travelers' title details.

From now on, for any aggregator that requires title to be provided in the booking, SR360 will validate if such data is available in the PNR and if missing, user will be able to add title's information during sell.

**Hotel Reservation**

Saffron Boutique Hotel  
Burg Nahar Intersection, Al Murar, Deira

10 Dec 2022  
Check-in  
15 Dec 2022  
Check-out

1 room  
2 guests  
Net

Refundable  
09 Dec 2022  
Penalty: USD 27.23  
Pre-Paid

USD 54.46  
avg. nightly rate

NIRVANA  
USD 272.30  
approximate total  
with taxes excludes fees

**Guest Details**

Traveler's name: 1.1 TOKARCZYK, PAULINA  
Traveler's title: Title

Corporate discount number (Optional): Number  
Frequent guest number (Optional): Number  
Frequent flyer number (Optional): Vendor code, Number

**Guest Titles**

1.2 TOKARCZYK, BARTEK  
Title

**[CSL] Hotel reservation form – Traveler's name pre-population**

A small adjustment has been made to Traveler's name in Hotel Reservation form. From now on, the field will be always pre-populated with first traveler, even when there are more in the PNR. In such case, upon focusing on the field drop-down will be displayed with all travelers and an option to select another one.

**Hotel Reservation**

HYATT  
Andaz London  
40 Liverpool Street  
44-20-7961 1234

12 Dec 2022  
Check-in  
16 Dec 2022  
Check-out

1 room  
2 guests  
Published

**Guest Details**

Traveler's name: 1.1 SMITH, ANNE

Corporate discount number (Optional): Number  
Frequent guest number (Optional): Number

**Guest Details**

Traveler's name:  
1.1 SMITH, ANNE  
1.2 SMITH, ALEXANDER

Frequent guest number (Optional): Number

## [NDC] Multiple Passenger Air shopping – Adult

Increasing the number of adult passengers in the air shopping request form will allow the agent to shop for itineraries for multiple adults (maximum 9)

The price returned in the shopping results reflects the total price for all passengers. Using the tooltip will allow the agent to display a breakdown of the fare for each passenger.

*Note – This feature requires a SR360 role activation in 22.11. It will be available for all users globally in 22.12*

Air Shopping

From  To  Add Via  Date  Time

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Air Availability

From  To  Add Via  Date  Time

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Air Schedules

Passengers  Carrier  Cabin  Stops

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Fare Quote

Calendar Search   Include Wholesale Fares  
 Exclude Sabre Fares  Exclude NDC Fares  Exclude API Fares

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Advanced Qualifiers

Air Shopping SYD - Sydney → MEL - Melbourne
Wed, 11 Jan - Wed, 18 Jan
Filter by: None Sort by: None

FARE TREND  
Fares are going down

TRAVEL SEASONALITY  
Low

FLEXIBLE DATES  
Similar prices ± 3 days

FARE RANGE  
AUD 418

ALTERNATE AIRPORTS  
AUD 3466 NTL

	Cheapest	Fastest	Best
	+AUD 1009.50	+1h 35min	+AUD 1009.50

1	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>QF 435</b> Qantas SYD 10:30 → MEL 12:05</p> <p><b>QF 444</b> Qantas MEL 13:00 → SYD 14:25</p> </div> <div style="width: 50%;"> <p>Nonstop NDC NDC NDC</p> <p>Economy</p> <table style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr> <th style="width: 25%;">Base fare</th> <th style="width: 25%;">Taxes/Fees</th> <th style="width: 25%;">Total</th> <th style="width: 25%;"></th> </tr> <tr> <td>3ADT</td> <td>AUD 1103.54</td> <td>AUD 196.58</td> <td>AUD 1300.12</td> </tr> </table> </div> </div>	Base fare	Taxes/Fees	Total		3ADT	AUD 1103.54	AUD 196.58	AUD 1300.12	<p>Economy Flex <b>AUD 3900.36</b></p>	<p>Flexible Business <b>AUD 8650.02</b></p>
Base fare	Taxes/Fees	Total									
3ADT	AUD 1103.54	AUD 196.58	AUD 1300.12								

SYD-MEL: **QF 435** MEL-SYD: **QF 444**

Fare rules not available.

From: SYD 11JAN at 10:30 - 3(QANTAS DOMESTIC) To: MEL at 12:05 - TERMINAL 1 Flight Time: 1h 35min Class: E Meals: No data Equipment: BOEING 737 Operates: No data On-Time: No data Air Miles: 439 Time Diff: +00:00 E-ticket: Yes Baggage Allowance: 1 piece

SEAT MAP

SEAT MAP

### Future deliverables:

- Ability to void tickets for a multiple ADT order
- Ability to refund tickets for a multiple ADT order
- Ability to exchange an order for a multiple ADT order
- Ability to shop for multiple passenger types such as Child, Infant
- Ability to service multiple passenger types such as Child, Infant

**[NDC] Pre-population of multiple traveler information on the Create order modal from PNR - Adult**

This feature supports the population of traveler related information on the create order modal screen when the traveler(s) data is/are present in PNR and in the work area.

The maximum number of travelers data that can be pre-populated on the create order modal screen is 9.

Other traveler details such as phone, email, identity documents and frequent flyer numbers existing in the PNR will also be pre-populated.

**Create order**

Add traveler

Options Last Name First Name Middle Name (optional)

SMITH JANE Middle Name - +

Title / Prefix (optional) Passenger Type (optional) Date of Birth (optional)

Title / Prefix Adult ADT DDDMMYYYY

Gender (optional)

Select Gender

Options Last Name First Name Middle Name (optional)

SMITH JAMES Middle Name - +

Title / Prefix (optional) Passenger Type (optional) Date of Birth (optional)

Title / Prefix Adult ADT DDDMMYYYY

Gender (optional)

Select Gender

Options Last Name First Name Middle Name (optional)

SMITH CARL Middle Name - +

Title / Prefix (optional) Passenger Type (optional) Date of Birth (optional)

Title / Prefix Adult ADT DDDMMYYYY

Gender (optional)

Select Gender

Cancel Create order

**Create order**

Options Gender (optional)

Select Gender

Add phone number

Options Phone Number Phone type (optional) Traveler

222222-H Select phone type 1.1 Smith Jane - +

Options Phone Number Phone type (optional) Traveler

333333-C Select phone type 2.1 Smith James - +

Options Phone Number Phone type (optional) Traveler

444444-HTL Select phone type 3.1 Smith Carl - +

Add email

Options Email address Traveler

CARL.SMITH@DOT.COM 3.1 Smith Carl - +

Options Email address Traveler

JAMES.SMITH@DOT.COM 2.1 Smith James - +

Options Email address Traveler

JANE.SMITH@DOT.COM 1.1 Smith Jane - +

Cancel Create order

**[NDC] Pre-population of multiple traveler information on the create order modal screen from the traveler profile - Adult**

This feature supports the population of traveler related information on the create order modal screen when traveler(s) data is/are present in the Sabre Profile and then copied into the PNR.

**Create order**

Add traveler

Options Last Name First Name Middle Name (optional)

BERKA JACEK Middle Name - +

Title / Prefix (optional) Passenger Type (optional) Date of Birth (optional)

Title / Prefix Adult ADT 01SEP1988

Gender (optional)

Male M

Options Last Name First Name Middle Name (optional)

ORDERCREATE PROFILE Middle Name - +

Title / Prefix (optional) Passenger Type (optional) Date of Birth (optional)

Title / Prefix Adult ADT 19NOV1996

Gender (optional)

Male M

Add phone number

Options Phone Number Phone type (optional) Traveler

223344 Select phone type 1.1 Berka Jacek - +

Add Security Information

Cancel Create order

« Trip Summary

PNR

Add to PNR

Travelers (2)

1.1 BERKA, JACEK (ADT)

2.1 ORDERCREATE, PROFILE (ADT)

Air (0)

Hotel (0)

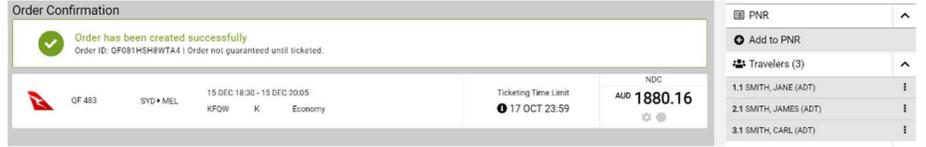
Car (0)

Other (0)

End & Retrieve

**[NDC] Multiple passenger type travelers support at Order creation - Adult**

This feature supports order creation for multiple adult travelers from the create order modal screen. The agent can create an order for up to 9 adult travelers. Once successful and the order is confirmed, the agent will land on the existing order confirmation screen.

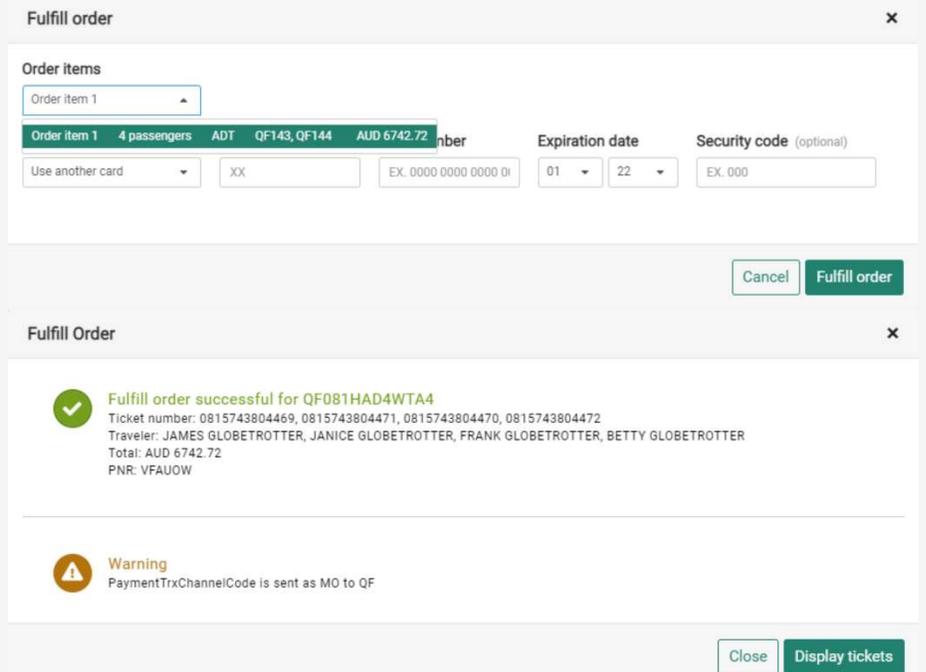


**[NDC] Multiple passenger type travelers support at Fulfill order - Adult**

This feature supports the fulfillment of an NDC order that contain multiple adult passengers.

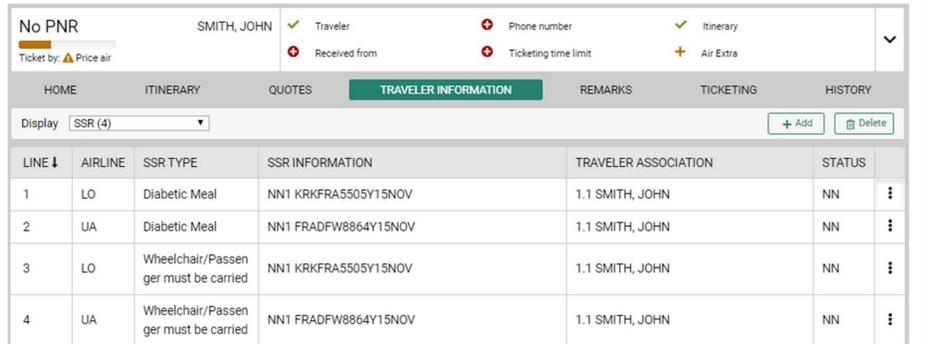
The order item is presented with the number of passengers and grand total amount applicable to the NDC order.

A success response is returned containing all the NDC order ticket numbers along with the passengers' names and total amount.



**[PNR] SSR status visible on Traveler Information tab in graphical PNR**

Status column was added to the SSR table in graphical PNR summary.



### [NDC] Fulfill order referencing a credit card form of payment

Credit card form(s) of payment from the agent's work area are now auto populated in the Form of payment dropdown list in the NDC Fulfill order workflow.

The list will contain name associated form of payment (\*FOP) as well as from the 5- form of payment field. The credit card can then be selected to fulfill the NDC order, removing the need for the agent to manually input the details.

This feature is applicable to any type of order item e.g., flights or ancillary items in both initial and/or exchange order fulfillment.

The top screenshot shows the 'Fulfill order' form with the 'Form of payment' dropdown menu open. The menu options are: Select, VI\*8769 (with a PNR icon), Cash, and Use another card. The 'Fulfill order' button is highlighted in green.

The bottom screenshot shows the 'Fulfill order' form with the 'Form of payment' dropdown set to 'VI\*8769' and a 'Security code (optional)' field with 'EX. 000' entered. The 'Fulfill order' button is highlighted in green.

### [Documents and Messaging] eTicket Fee – usability refinements

On Documents and Messaging there were small refinements introduced for *eTicket* fee field.

When no fee is selected, *eTicket* fee drop-down is now showing "None" instead of "Select Fee".

When a fee is selected but the *Fee amount* field is blank, a validation error will appear after the user clicks the "Send" button instead of immediately after exiting the field.

The screenshot shows the 'Documents and Messaging' form. The 'Document type' section has radio buttons for Itinerary, eTicket, Embedded eTicket (selected), and eInvoice. There are checkboxes for 'Hide fare details', 'Hide booking class', 'Hide issuing agent', and 'Hide fare basis code'. The 'eTicket fee' dropdown is set to 'None'. The 'Sender' section has an 'Include sender' checkbox and fields for 'test test' and 'test@test.com'. The 'Recipients' section has a checked 'To' dropdown with 'MARTA.DRAZBA@SABRE.COM', a 'Select Traveler' dropdown, and an 'English' dropdown. The 'Subject' field is empty. The 'Free text' field is empty with a character count of 195. The 'Segment associated remarks' section has a 'Select' dropdown and a 'Remark' field. The 'Send' button is highlighted in green.

**Documents and Messaging** [X]

**Document type**

Itinerary
  eTicket
  Embedded eTicket
  invoice

Hide fare details
  Hide booking class
  Hide issuing agent
  Hide fare basis code

**eTicket fee**

Service Fee:  Fee amount:

**Sender**

Include sender

**Recipients**

To

**Subject**

**Free text**

Characters left: 195

**[Accessibility] Adding borders to focused components**

As part of continuous accessibility improvements, in this release have been added borders for focused items:

- Calendar dates
- Icons
- Buttons
- Tabs
- Form elements

Text links

Date:  Time:

November 2022							December 2022						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5					1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30				25	26	27	28	29	30	31

---

« Trip Summary

No PNR ⚠

➕ Add to PNR

Travelers (0) ▼

- ▶ Documents and Messaging
- ▶ Queue place
- ▶ Fulfill order
- ▶ Generic seat request
- ▶ Issue ticket/EMD
- ▶ Exchange shop

## Sorting workflows – possibility to override Sabre workflows' order

With release 22.10 a possibility for custom sorting of workflows was introduced. This enhancement was introduced to allow agency administrators and Red App developers to organize Sabre and Red App workflows.

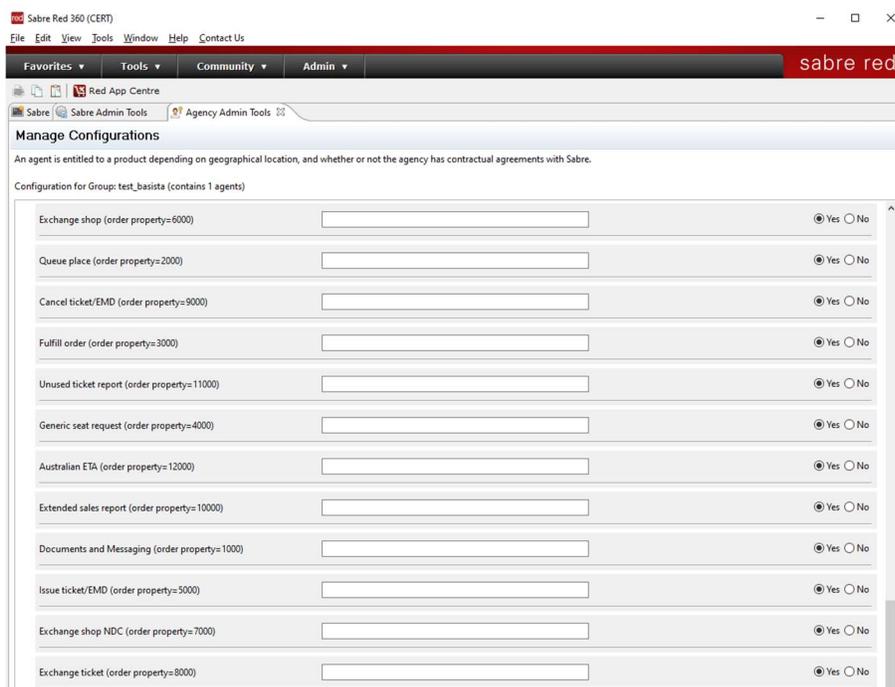
Each workflow has an order property. Sabre workflows are sorted as on the screen. Their order property values start from 1000 and increase by 1000. Custom workflows (RedApps) order is set by default to 999, so that all RedApps workflows are shown above Sabre ones.

When two or more workflows have the same order property number, workflows are sorted alphabetically.

The value of RedApp workflow order property can be changed by RedApp developers.

The values of Sabre workflow order properties can be changed in Agency Admin Tool, in *Override User Properties* section.

- ▶ Documents and Messaging
- ▶ Queue place
- ▶ Fulfill order
- ▶ Generic seat request
- ▶ Issue ticket/EMD
- ▶ Exchange shop
- ▶ Exchange shop NDC
- ▶ Exchange ticket
- ▶ Cancel ticket/EMD
- ▶ Extended sales report
- ▶ Unused ticket report
- ▶ Australian ETA



## [SDK] New workflow extension point – Air Shopping

A new workflow extension point `dynamo.airshopping:afterAirShopping` was added to SR360 SDK package. It is designed to replace old, Java based, extension point `dynamo.air.lowfareshopping:afterShoppingResponse` and allows to utilize extension point after Air shopping in Sabre Red Web and Sabre Red 360 desktop instances.

This extension point is defined to allow Red Apps to trigger custom logic once the Air Shopping response is returned, but not yet rendered to the screen, e.g., to generate important reminder for agent, suggest certain action, or generate/send/store certain notification. Data model is available in Javadoc within SDK bundle.

All newly created Red Apps should use this extension point. Already existing Red Apps, using `dynamo.air.lowfareshopping:afterShoppingResponse` will be asked to migrate to the `dynamo.airshopping:afterAirShopping` next year.

## [SDK] Booking Segment Tile Widget – extension of data model

In previous releases data model available on Booking Confirmation response contained only data related to segment selected on the drawer.

From now on, data about all segments of the trip are available for SR360 SDK Developers from every segment selected on the drawer.

Booking status: segments added to PNR. Check segment status

1	UA 9214 United Airlines	BER - Berlin 15NOV, 08:45	FRA - Frankfurt 15NOV, 09:55	P	UC1
2	UA 8841 United Airlines	FRA - Frankfurt 15NOV, 11:05	JFK - New York 15NOV, 13:55	P	UC1

BER-FRA: UA 9214 FRA-JFK: UA 8841

From: BER 15NOV at 08:45 - TERMINAL 1 To: FRA 15NOV at 09:55 - TERMINAL 1 Flight Time: 1h 10min Meals: Meal Equipment: AIRBUS A320 JET SHARKLETS Operates: No data On-Time: No data Air Miles: 270 Time Diff: +00:00 Connectivity: No data Eticket: No

BRANDED FARES	SEAT MAP	AIR EXTRAS	DRAWER SAMPLE	AMENITIES	AIR TITLE SAMPLE	AIR AVAILABILITY SELL CONFIRMATION SDC
BRAND OPTIONS AVAILABLE	SEAT MAP	NO AIR EXTRAS	FLIGHT NUMBER: 9214	AMENITIES	1. 9214	FLIGHT NUMBERS: 1. 9214 2. 8841

Booking status: segments added to PNR. Check segment status

1	UA 9214 United Airlines	BER - Berlin 15NOV, 08:45	FRA - Frankfurt 15NOV, 09:55	P	UC1
2	UA 8841 United Airlines	FRA - Frankfurt 15NOV, 11:05	JFK - New York 15NOV, 13:55	P	UC1

BER-FRA: UA 9214 FRA-JFK: UA 8841

From: FRA 15NOV at 11:05 - TERMINAL 1 To: JFK 15NOV at 13:55 - TERMINAL 1 Flight Time: 8h 50min Meals: Meal Equipment: BOEING 747 400 Operates: No data On-Time: No data Air Miles: 3856 Time Diff: -06:00 Connectivity: No data Eticket: No

BRANDED FARES	SEAT MAP	AIR EXTRAS	DRAWER SAMPLE	AMENITIES	AIR TITLE SAMPLE	AIR AVAILABILITY SELL CONFIRMATION SDC
BRAND OPTIONS AVAILABLE	SEAT MAP	NO AIR EXTRAS	FLIGHT NUMBER: 8841	AMENITIES	1. 8841	FLIGHT NUMBERS: 1. 9214 2. 8841

## [SDK] Custom Messages in beforeHotelBookInput extension point

dynamo.hotel.book:beforeHotelBook extension point was enhanced to allow to inject custom message under payment details in Hotel Book modal window.

Message can be used e.g. to display company's policy about hotel reservations.

Available data model for this extension point was updated in SDK Javadoc.

ROOM RATES (23)

1	ADVANCE PURCHASE (A064H2B)	KING GUEST ROOM 26SQM S	KING BED DEPOSIT
2	SEMI-FLEX (A04H2B)	TWIN GUEST ROOM 26SQM S	TWIN/SINGLE BED BREAKFAST NOT INCLUDED

Total tax: EUR 97.60

Room: TWIN GUEST ROOM 26SQM S  
description: STANDARD CXL POLICY. SEE TERMS AND CONDITIONS FOR CXL POLICY. 244.00 PER NIGHT STARTING 10NOV22 TAXES AND SERVICE CHARGES NOT INCLUDED  
Bed type: Twin/Single bed

Cancellation policy: Refundable. Cancellation deadline: 5 Days prior to arrival. Penalty description: 12AM 06NOV22  
Guarantee: Guarantee required. Credit card AX, DC, VI, JC, EC, CA. Travel agency name/address, Travel agency IATA number, Corporate ID/CD number accepted as guarant...  
Additional details: Rate disclaimer information: INCLUDES TAXES AND SURCHARGES EXCLUDES INCIDENTALS Miscellaneous information: TAX 5.00 PCT PER ROOM PER ...

Rate Details Book

Hotel Reservation

Hilton Berlin	10 Nov 2022 Check-in	1 room	Refundable	EUR 244.00	SABRE
Mohrenstrasse 30	18 Nov 2022 Check-out	1 guest Regular	5 Days prior to arrival	avg. nightly rate	EUR 2049.60 approximate total with taxes & fees

Guest Details

1 Traveler's name  
1.1 GVFRDFGVREDR, VGEDFG...

2 Corporate discount number (...)  
Frequent guest number (Option...)  
Frequent flyer number (Optional)

Payment details

1 Custom message 1  
Custom message 2

Guarantee options  
Form of payment

Card Type  
Card Number  
Expiration date

Cancel Book

### **[SDK] dynamo.pnr.end:afterEndCommand extension point enhancement - PNR locator always available in the data model**

dynamo.pnr.end:afterEndCommand extension point was enhanced to allow Red App developers to receive record locator from afterEndCommand extension point after End PNR commands and when agent is using GUI elements to perform the same action.

### **[SDK] New workflow extension point – Revalidate electronic ticket record**

A new workflow extension point dynamo.ticketing:beforeRevalidateTicket was added to SR360 SDK package. It allows Red App developer to react and apply code logic when agent attempts to revalidate ticket. Process can be also stopped or allowed to continue.

Samples com.sabre.redapp.example3.desktop.auto.wf.extensions and com.sabre.redapp.example3.web.wf.extension were updated to present the situation when this extension point is triggered and present basic data that is available when it is being used.

### **Update Encode/Decode sources for SR360 Release 22.11**

Encode/Decode tables are updated with latest changes.

## Defects Fixed

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Defect ID	Description
TNNSRW-4598	[TNNSRW-4598] NDC Identity Doc dates fields issue TABBING
TNNSRW-4642	[TNNSRW-4642] - Unable to cxld booking DC/ND segments
TNNSRW-4606	[NDC] Shopping results drawer doesn't open randomly
TNNSRW-4613	CusChampD - NDC QCI rate not prepopulating from profile to shopping request
TNNSRW-4640	[D&M] whenever PNR contains invoice remark containing SL string it is recognized as Subject Line

# How to Verify the Update

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Updates occur by either manually “checking for updates” under “Help” or with no intervention on your part 20 minutes after starting up, with no impact to your workflow. Please note the update will not go into effect until you have restarted your system. To validate that you have implemented the update, you may type in STAT command and in a response value of “Release Version” field will indicate actual version of the system.

# System Requirements/Prerequisites

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The Sabre® Red™ 360 is a managed client application that is downloaded and installed in a variety of configurations. The Sabre technical development and quality assurance teams have tested various scenarios to determine minimum hardware specifications for the end user’s workstation.

An installation of Sabre® Red™ 360 on a workstation that does not meet these specifications may not function properly and cannot be supported by Sabre.

## Operating System Software

We support the installation and operation of Sabre Red 360 on a workstation that meets one of the following specifications:

- Microsoft Windows 8.1 – 32 and 64-bit
- Microsoft Windows 10 – 32 and 64-bit
- Microsoft Windows 11
- Microsoft Windows Server 2016, 2019, 2022
  - Basic support for Terminal Services environment including Citrix
- macOS Catalina (10.15) or higher

We recommend 64-bit Windows 10 and macOS Monterey (12.x)

## Hardware Specifications

- Processor:  
Minimum:
  - Intel Core i3 Dual-core processor with 3.3 GHz (or AMD equivalent)Recommended:

- Intel Core i5 Dual-core processor with 3.2 GHz (or AMD equivalent)
- Apple silicon (Apple-designed chip based on ARM architecture)
- Memory: 3.5 GB RAM for 32 bit OS or 8 GB RAM for 64 bit OS.
- 1.6 GB of free disk space for the first user on a standard desktop installation, and 240 MB for each additional user. Additional storage may be required for other agency applications.
- Monitor: 1366x768 is highly recommended. Monitors with lower resolution will work, but the user experience will be sub-optimal.

## Permissions and Rights

Sabre Red 360 requires “Full” rights or permissions to the installation and user directories that it will be installed too. Additional information on permissions, directory options, and locations can be found on the Advanced Installation User guide.

## Network

- Sabre® Customer Virtual Private Network Connection – Customer-supplied Internet connection. **Note:** SCVPN requires access to this URL.
  - <https://scvpn.havail.sabre.com>
  - 151.193.159.130
  - 151.193.159.2
  - Port 443
  - The RMI server connection to SCVPN will use port 10099 on the local machine.
- Private Connection - Dedicated connection to Sabre
  - Business to Business VPN (B2BVPN)
  - Managed Network Services
  - Vendor Access Room connections
  - **Note:** Ports 443, 80, 389, 30030, 30031, 30032, and 30051 open for the 360 communication processes to work properly.
- Complete list of required URLs, Ports and IP Addresses can be found on [Sabre Central](#), under:

*Support (tab) → Additional Support Resources → Product Release Notes & Related Information → Sabre Red 360 → Technical Requirements – Sabre Red 360*

And look for the following documents:

- Sabre Red Connectivity Guide for PROD – June 2022
- Sabre Red Connectivity Guide for CERT – June 2022

# Expected System Down Time

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You will not experience any down time because of this release. This release update will download in the background. After it finishes downloading to your local workstation you will be presented with the option to restart now or later.

# Agency Admin Tool

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By utilizing the Agency Admin Tool, you are leveraging the flexibility of the Sabre Red 360. You have control over what tools and features your users can see and use within the Sabre Red 360, and you can control the timing of update delivery to your users. This powerful control over the Sabre Red 360 supports the efficiency of your users and your operations.

The date of the release is of importance if you are utilizing the Agency Admin Tool to lock down a set of users to control when the update is delivered to them. The locking function of the Agency Admin Tool is designed to allow you to lock down a set of users on the last version of the Sabre Red 360, and leave other targeted users unlocked for testing purposes, providing the utmost flexibility to test the update prior to a wide deployment in your environment.

To lock these users, you need to complete a few critical steps as the agency admin, no later than day before release date to ensure these users do not receive the update on the day of release.

- Login to Sabre Red Workspace
- Access the Agency Admin Tool and lock all users at your agency from receiving the update.

For further documentation and additional information on the Agency Admin Tool as well as details on the release, please visit the Sabre Red 360 community on Sabre Central.

# Contact Information

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If you need help, contact the Sabre Help Desk using web Callback method.

- Access Sabre Central and navigate to:  
<https://central.sabre.com/s/contactsupport>
- You can request a Callback (if available) to get faster support or submit an Online Case if you prefer a written answer.