

Sabre Red 360

Version 23.2

Overview

This documentation is the confidential and proprietary intellectual property of Sabre Travel Network®. Any unauthorized use, reproduction, preparation of derivative works, performance or display of this document or software represented by this document, without the express written permission of Sabre Travel Network is strictly prohibited.

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>[NDC] - Warning for Unsaved Changes in PNR session - NDC Cancel ticket/EMD workflow</p> <p>NDC order workflow "Cancel ticket/EMD" has been enhanced to display a user notification with a warning message that the PNR has unsaved changes and instructing the user to End & Retrieve or Ignore any changes before continuing with the workflow.</p>	<p>Cancel EMD</p> <p>EMD 0811817669088 will be canceled Ancillary service values may not be refundable</p> <p>PNR has unsaved changes End & Retrieve or Ignore changes before continuing</p> <table border="1"> <thead> <tr> <th>Traveler</th> <th>EMD number</th> <th>Original</th> </tr> </thead> <tbody> <tr> <td>BLASE, JANICE</td> <td>0811817669088</td> <td>Base fare AUD 27.27</td> </tr> <tr> <td></td> <td></td> <td>Total taxes AUD 2.73</td> </tr> <tr> <td></td> <td></td> <td>Total AUD 30.00</td> </tr> </tbody> </table> <p>Cancel ticket</p> <p>Related EMD 0811817669088 will be canceled Ancillary Service value e.g. Seats, may not be refundable.</p> <p>PNR has unsaved changes End & Retrieve or Ignore changes before continuing</p> <table border="1"> <thead> <tr> <th>Traveler</th> <th>Ticket number</th> <th>Type</th> <th>Original</th> <th>Refund</th> </tr> </thead> <tbody> <tr> <td>BLASE, JANICE</td> <td>0815744066465</td> <td>Refund</td> <td>Base fare AUD 494.65</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Total taxes AUD 99.38</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Total refund taxes AUD</td> <td>99.38</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Cancel penalty AUD</td> <td>90.00</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Total refund AUD</td> <td>-495.03</td> </tr> </tbody> </table>	Traveler	EMD number	Original	BLASE, JANICE	0811817669088	Base fare AUD 27.27			Total taxes AUD 2.73			Total AUD 30.00	Traveler	Ticket number	Type	Original	Refund	BLASE, JANICE	0815744066465	Refund	Base fare AUD 494.65					Total taxes AUD 99.38					Total refund taxes AUD	99.38				Cancel penalty AUD	90.00				Total refund AUD	-495.03
Traveler	EMD number	Original																																									
BLASE, JANICE	0811817669088	Base fare AUD 27.27																																									
		Total taxes AUD 2.73																																									
		Total AUD 30.00																																									
Traveler	Ticket number	Type	Original	Refund																																							
BLASE, JANICE	0815744066465	Refund	Base fare AUD 494.65																																								
			Total taxes AUD 99.38																																								
			Total refund taxes AUD	99.38																																							
			Cancel penalty AUD	90.00																																							
			Total refund AUD	-495.03																																							

[NDC] - Warning for Unsaved Changes in PNR session - Exchange shop NDC workflow

The Exchange Shop NDC order workflow has been enhanced to support a user notification with a warning message that the PNR has unsaved changes and instructs the user to End & Retrieve or Ignore the changes before continuing with the workflow.

Exchange summary

Changes to the itinerary cannot be undone.

PNR has unsaved changes
End & Retrieve or Ignore changes before continuing

Passenger Type	Count	Flags	Base Fare AUD	Taxes / Fees / Charges AUD	Total AUD
Adult	1		389.42	86.09	475.51
Original Total					475.51
Additional Collection					(Includes AUD 90 penalty and AUD 9 tax) 90.03

VIEW ALL VIEW ALL RED EDEAL

Rebook order

End & Retrieve

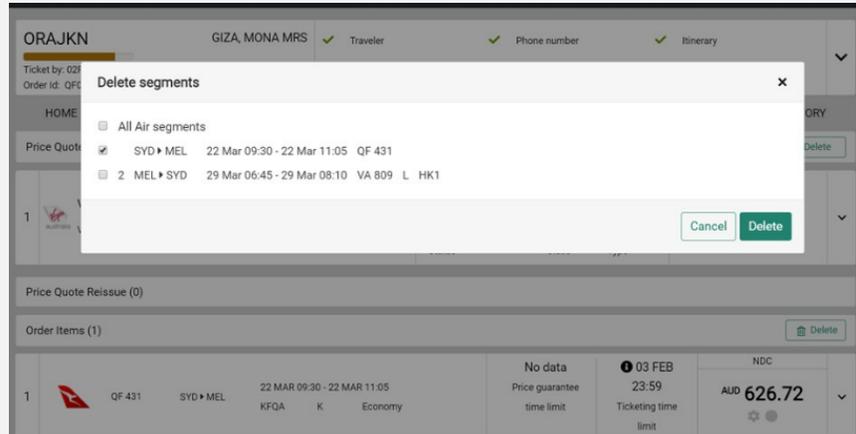
[NDC] - Cancel an NDC order prior to fulfilment removing only the NDC segments from the PNR.

An improvement has been added when cancelling NDC from an unfulfilled order. The user is now able to cancel an NDC order prior to fulfilment and leave all non NDC segment types in the PNR.

The user can cancel through Trip Summary or GPNR (Quotes and Itinerary view).

The user has the option to select which segment(s) they want to delete and not cancel all Air segments in the associated PNR.

The user cannot cancel a fulfilled NDC order, they should use the dedicated Void or Refund workflow.



[NDC] - Warning for Unsaved Changes in active PNR when deleting NDC segments

The user will get a warning message anytime they try to delete NDC segment(s) when the PNR contains changes/modifications that have not been saved.



[NDC] - Fare description widget on Exchange summary screen

This feature adds a Fare description widget on the Exchange summary screen for carriers who are using the 18.1 NDC schema. The Fare description will provide the name of the brand and fare basis codes for each leg of the journey that apply to the offer being exchanged.

The user will also see details relating to the brand that including information about penalties, cancellation or changes and award details.

Fare description

ADT ▾ SIN-SYD: **T12SGRPO** SYD-SIN: **T12SGRPO**

Premium Economy - Flexi

Award Accrual Full	SINGAPORE AIRLINES & SILKAIR OPERATED FLIGHTS KrisFlyer: 125% of actual flown distance. Partner frequent flyer programmes: Accrual levels may differ on Singapore Airlines operated flights; not accruable on SilkAir operated flights. For ticket(s) partially paid for using KrisFlyer miles, the miles earned are proportionate to the amount paid using credit/debit card. These miles can only be credited to KrisFlyer membership accounts. FLIGHTS OPERATED BY OTHER AIRLINES KrisFlyer mileage accrual levels on flights operated by KrisFlyer partner airlines may differ. Codeshare flights operated by non-KrisFlyer partner airlines are not accruable to KrisFlyer. For details, visit http://www.singaporeair.com/en_UK/sg/psclub-krisflyer/earn-miles/earn-when-you-fly/
Award Upgrade	Allowed
Award Upgrade Full	KrisFlyer Upgrade Awards on Singapore Airlines & SilkAir: Allowed. Star Alliance Upgrade Awards on Singapore Airlines: Allowed. Codeshare flights are not eligible for upgrades.
Cancel Beforedeparture	SGD 130
Cancel Beforedeparture Full	With payment of SGD 130, subject to currency conversion and your bank's exchange rate.
Cancel Noshowfirst	SGD 270
Cancel Noshowfirst Full	SGD 270, subject to currency conversion and your bank's exchange rate. If the ticket is cancelled, no show fee will not apply and cancellation/refund conditions will apply.
Change Beforedeparture	Complimentary

Close

[NDC] – Ability to padlock outbound/inbound flights and see branded fare combinations

This functionality is now available for NDC content for Qantas Airways.

It provides the capability to choose a different brand for the outbound and inbound portion of the journey which gives more flexibility to brand selection.

When the user is selecting an outbound or an inbound leg, the selected flights are presented under the header: "Selected option from AAA- BBB on Thu, 16 Mar".

Below the selection, a list of available options is presented for the other leg with the price difference in relation to the selected fare.

The user can choose between the options displayed and decide which brand to combine with the one already selected.

When the second leg selection is complete, the user will see a combined

Air Shopping SYD - Sydney → MEL - Melbourne Thu, 16 Mar - Thu, 23 Mar

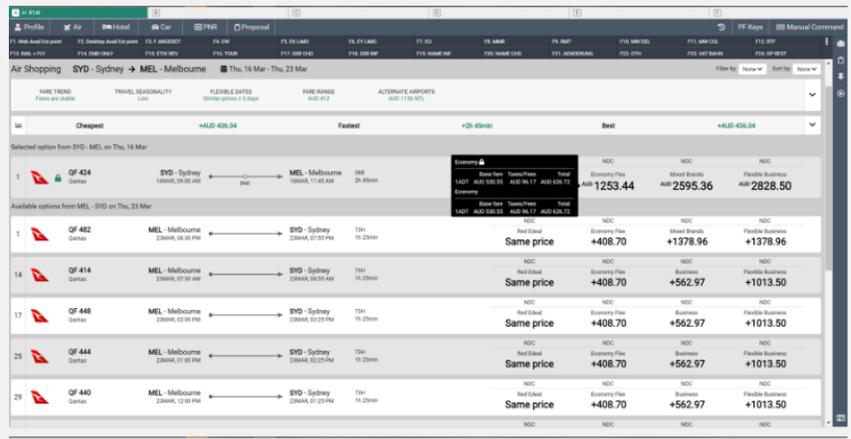
Selected options

1	QF 424	SYD - Sydney	MEL - Melbourne	20h 45min	Economy	1449.54
2	QF 448	MEL - Melbourne	SYD - Sydney	19h 20min	Business	1449.54

Below the selection, a list of available options is presented for the other leg with the price difference in relation to the selected fare.

Option	Outbound	Inbound	Price
1	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54
2	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54
3	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54
4	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54
5	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54
6	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54
7	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54
8	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54
9	QF 424 SYD - Sydney 20MAR 09:00 PM	MEL - Melbourne 20MAR 11:45 AM	AUD 1449.54

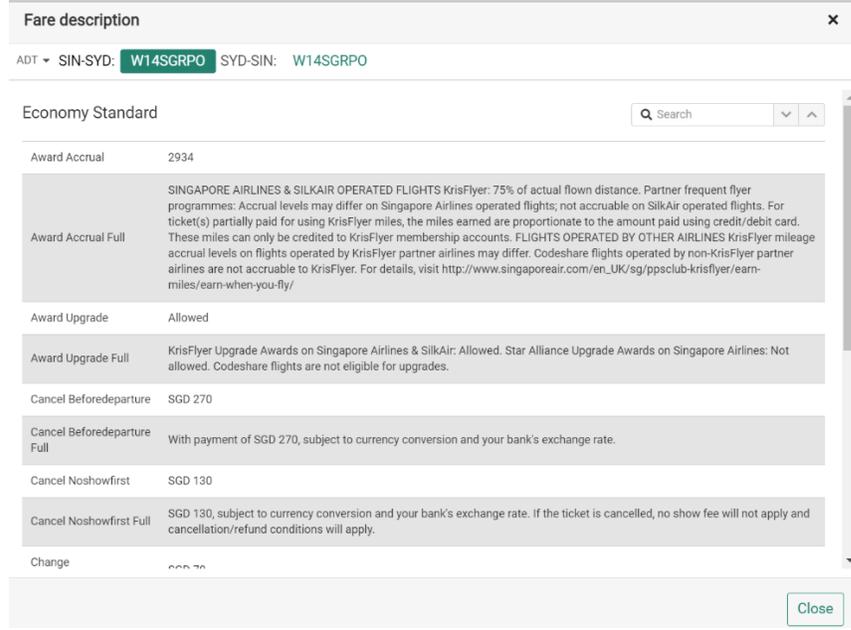
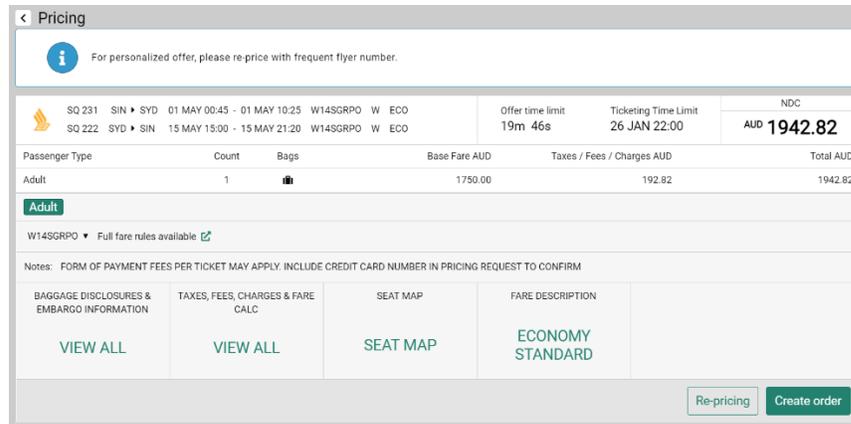
fare presented under the label: "Selected options".



[NDC] - Fare description widget on Pricing screen

This feature adds a Fare description widget on the Pricing summary screen for carriers who are using the 17.2 NDC schema. The Fare description will provide the name of the brand and fare basis codes for each leg of the journey that apply to the offer being priced.

The user will also see details relating to the brand that including information about penalties, cancellation or changes and award details.



Exchange Ticket: Ticketing Instructions – prepopulate with manual/pricing Cat 35 Tour code

Manual tour code or Pricing Category 35 tour code is now prepopulated in the Tour code field of the Exchange ticket Ticketing instructions form.

Pricing with a Category 35 Tour code is not editable in the Tour code field of Exchange Ticket Ticketing Instructions form.

Exchange Ticket [Close]

Ticketing Instructions for Exchanging Ticket #7383534924318

Even Exchange

Additional collection commission: Select | Tour Code: AUS0011F

Endorsements
NON-END RESTRICT MAY APPLY/CONTACT B4 DEPT FOR CHANGE

Form of Payment
Select

[Back] [Cancel] [Save PQR]

Exchange Ticket [Close]

Ticketing Instructions for Exchanging Ticket #7953534924319

Even Exchange

Additional collection commission: Select | Tour Code: RWEQ12

Endorsements
AUD567.19 NONREFUNDABLE/RESTRICTIONS APPLY/NONEND/PENALTIES APPLY

Form of Payment
Select

[Back] [Cancel] [Save PQR]

[NDC] - Departure time on Exchange shop modal

The user now can now add a departure time to the exchange shop modal to be able to shop for same day itineraries.

Exchange shop NDC [Close]

Order ID: QF081HNTNZTA7

Current itinerary

- SYD → MEL QF 425 11 APR 08:45 - 11 APR 10:20 K HK1 [Exchange]
- MEL → SYD QF 426 12 APR 09:00 - 12 APR 10:25 K HK1 [Exchange]

From	To	Date	Time	
[SYD]	[MEL]	11 APR 2023	Morning	- +
[MEL]	[SYD]	12 APR 2023	21:00	- +

Ticket number	Passenger name	Passenger Type
0815744059462	1.1 BERKA, JACEK	ADT

[Cancel] [Shop Airfare]

[NDC] - Fare description widget on Exchange shopping screen

This feature adds a Fare description widget on the exchange shopping screen for carriers who are using the 17.2 NDC schema. The Fare description will provide the name of the brand and fare basis codes for each leg of the journey that apply to the offer being priced.

The user will also see details relating to the brand that including information about penalties, cancellation or changes and award details.

The screenshot shows a flight search result for Qantas Airways (QF 427, QF/JQ) from SYD to BKK. The itinerary includes a stopover in MEL. Three NDC fare options are listed: Economy Sale (AUD 0.00), Economy Saver (AUD 0.00), and Economy Flex (AUD 2503.47). The Economy Flex fare is selected. The 'Fare description' modal is open, showing the following details:

- Fare description:** ADT SYD-MEL: YOW MEL-BKK: YOW
- Economy Flex:** Searchable and expandable section.
- Qantas Points and Status Credit:** Qantas Points and Status credits may be earned on this fare and will be calculated on each Segment.
- Stopovers:** Unlimited stopovers permitted in each direction (charges and taxes may be payable).
- Changes before the day of departure:** Change fee applies, no show fee applies, name change not permitted.
- Cancellations:** Cancellation fee applies, no show fee applies.
- Onboard:** Complimentary Food & Beverage and onboard entertainment on Qantas operated flights.

[NDC] - Q surcharge information in Quotes view

The Q surcharge details are now available in the Graphical PNR Quotes view under the taxes/fees, charges & fare calc widget and can be displayed in the Fare Detail (total amount) and Fare Component (by leg).

The display shows surcharges in NUC and local currency per leg (segment).

It also applies to single and multiple adult passengers.

The screenshot shows the 'Taxes, fees, charges & fare calc' widget for an adult passenger. The breakdown is as follows:

Category	Amount
Segment details	QF 11 SYD ▶ LAX 17 JAN 11:20 - 17 JAN 06:05 S
Cabin type	Economy
Brand name	Economy Saver
Base amount	NUC 786.18
Q Surcharges	NUC 31.20 AUD 48.49
Total taxes	AUD 164.49

The 'Total taxes' section includes the following breakdown:

- 17.50YR - YRI QF CARRIER IMPOSED MISC FEE
- 60.00AU - PASSENGER MOVEMENT CHARGE PMC
- 32.09WY - PASSENGER SERVICES CHARGE DEPARTURE INTERNATIONAL
- 29.00US - TRANSPORTATION TAX INTERNATIONAL ARRIVAL
- 5.90XA - APHIS PASSENGER FEE PASSENGERS
- 10.40XY - IMMIGRATION USER FEE
- 9.60YC - CUSTOMS USER FEE

[NDC] - Fare description tile for NDC offers in shopping

A new Fare Description tile has been added to the shopping response display for NDC carriers.

The tile will show the brand name(s) applicable to all segments of the selected NDC offer

The screenshot shows the 'Air Shopping' interface for the route SYD - Sydney to MEL - Melbourne. It displays several flight offers from Qantas, including options for NDC, Red Edeal, Economy Flex, and Flexible Business. A 'Fare Description' tile is visible for the selected offer, showing 'RED EDEAL' and 'SEAT MAP'.

[NDC] - Price guarantee time limit label on the quotes view

The Price guarantee time limit is now displayed before the Ticketing time limit under the Order item in the Quotes section of graphical PNR. The display contains the Price guarantee time limit and time zone details (local PCC time zone or not identified)

The screenshot shows the 'PTSGXM' graphical PNR interface. The 'QUOTES' section displays flight segments with the following details:

Order Item	Segment	Class	Start	End	Price Guarantee Time Limit	Ticketing Time Limit	Price
1	SQ 25	FRA + SIN	13 APR 12:30 PM	14 APR 06:50 AM	Local PCC Time	14 JAN 10:00	AUD 2131.30
	SQ 26	SIN + FRA	27 APR 11:55 PM	28 APR 06:45 AM	Price guarantee time limit	19 JAN 22:00	

The interface also shows a 'Reprice order' button and a 'VIEW ALL' link for taxes, fees, charges, and fare calc.

[NDC] - Reprice unfulfilled order

The feature enables the user to reprice an existing unfulfilled order to validate the fare is the same or provide a new price. It can also be used if the price of the current order is outside of the airlines guarantee time limit. If there is an order with seats, repricing is will only be applicable to the air portion of the order.

The reprice order button is available when an unfulfilled Order item is displayed and the drawer in the Quotes section of graphical PNR is expanded.

Upon reprice, the original and current price information is presented to the user. The price can be the same, higher, or lower than the original Order price. An arrow icon will be displayed if the price has changed to signal to the user that the fare is either higher or lower.

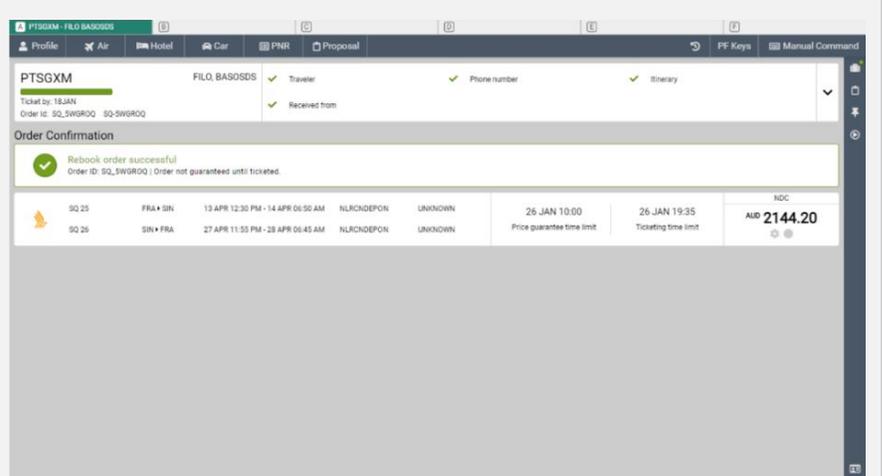
The screenshot shows the Sabre Red 360 interface for an unfulfilled order. The main window displays the order details for PNR PTQUTV, including the traveler's name (FILO GERINA), phone number, and itinerary. The itinerary shows two segments: S0 215 (04 FEB 08:40 PM - 05 FEB 11:55 PM) and S0 216 (13 MAR 01:10 AM - 13 MAR 06:20 AM). The total price is AUD 1002.00. A 'Reprice order' button is visible in the bottom right corner of the main window.

Below the main window, a drawer is expanded showing the 'Reprice order' process. The drawer displays the original price (09 JAN AUD 1002.00) and the current price (AUD 1015.30, indicated by an upward arrow). A 'Cancel' button and a 'Rebook order' button are present. The drawer also shows a 'Reprice order' button and a 'Close' button.

Below the drawer, a message indicates that the price has not changed and rebooking is not available. The original price (10 JAN AUD 439.54) and current price (AUD 439.54) are displayed. A 'Close' button is present at the bottom right of the message.

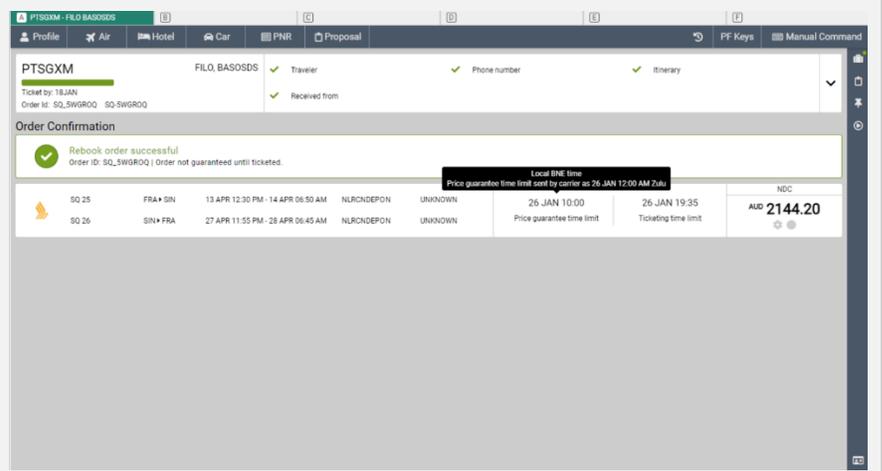
[NDC] - Rebook order following Reprice

This feature enables the user to rebook the new order following reprice of an existing unfulfilled order. If the rebook order action is successful, an order confirmation response that includes the new rebooked Order items details will be presented to the user.



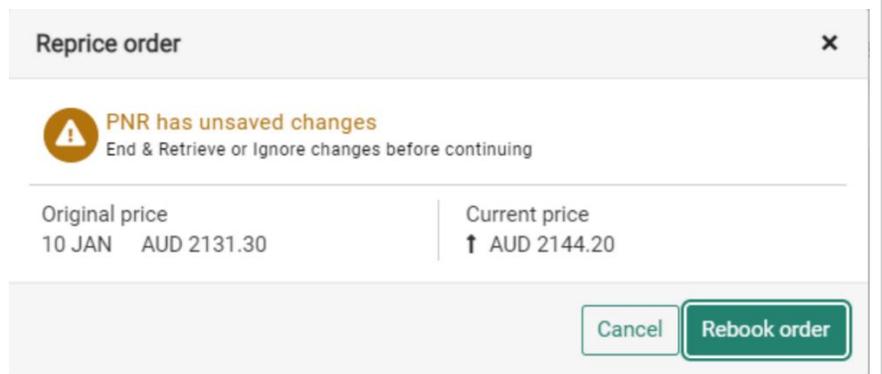
[NDC] - Price guarantee time limit details on the order confirmation page

The Price guarantee time limit is now shown before the Ticketing time limit on the Order confirmation view. The display contains the Price guarantee time limit and time zone details (local PCC time zone or not identified)



[NDC] - Unsaved changes warning on Rebook order display

The NDC Rebook order workflow now presents the user with a notification displaying a warning message that their PNR has unsaved changes and instructing the user to End & Retrieve or Ignore changes before continuing with their workflow.

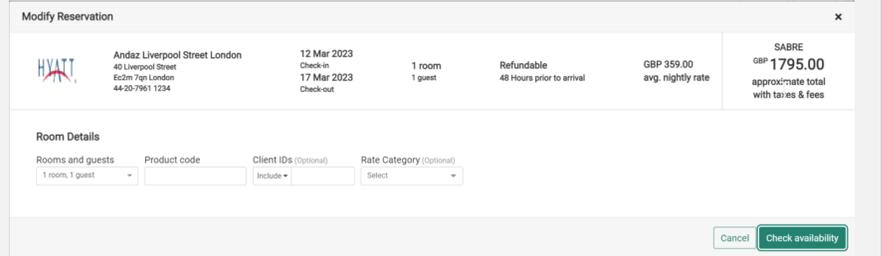
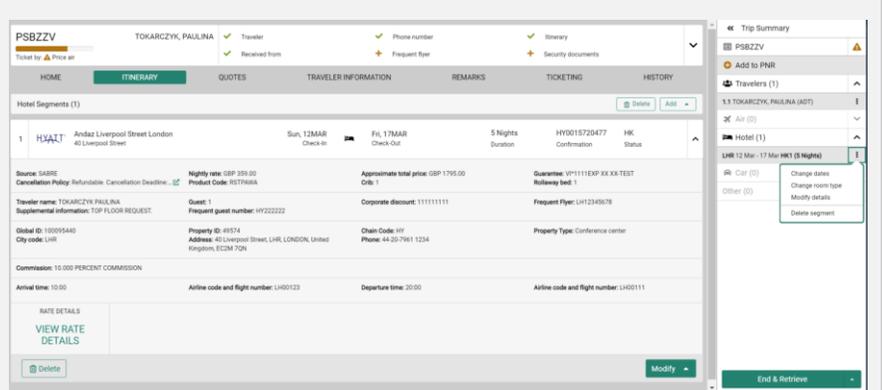


[CSL] - Product Code Change

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

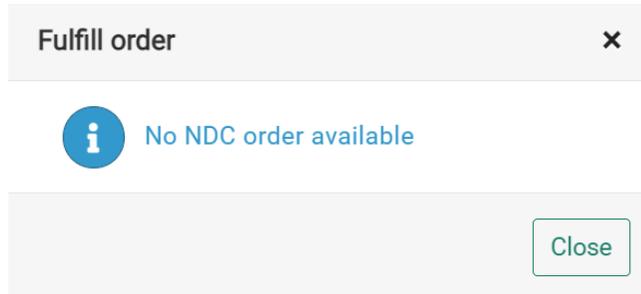
Graphical PNR and Trip Summary contain now 'Change room type' option allowing to change the booking to a different available Product code.

With new modify action user will be able to change Product code (room type) only.



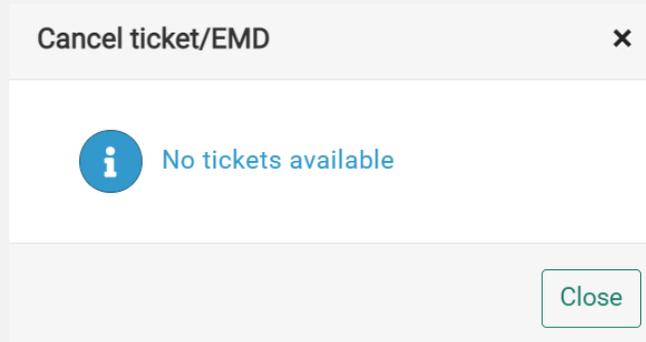
[Accessibility] - Fulfil order enhancement

This feature makes the fulfil order workflow accessible when there is no NDC order in the user session. In such case, the user is presented with a modal showing the message "No NDC order available".



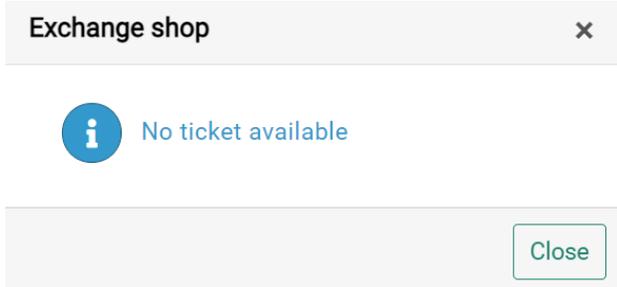
[Accessibility] - Cancel ticket/EMD enhancement for no tickets

This feature makes the Cancel ticket/EMD workflow accessible when there is no ticket in the user session. In such case, the user will be presented with a warning showing the message "No tickets available".



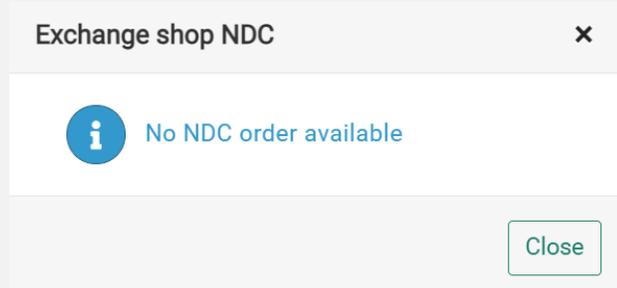
[Accessibility] - Exchange shop enhancement

This feature makes the fulfil order workflow accessible when there is no ticket in the user session. In such case, the user is presented with a modal showing the message "No ticket available".



[Accessibility] - Exchange shop NDC enhancement

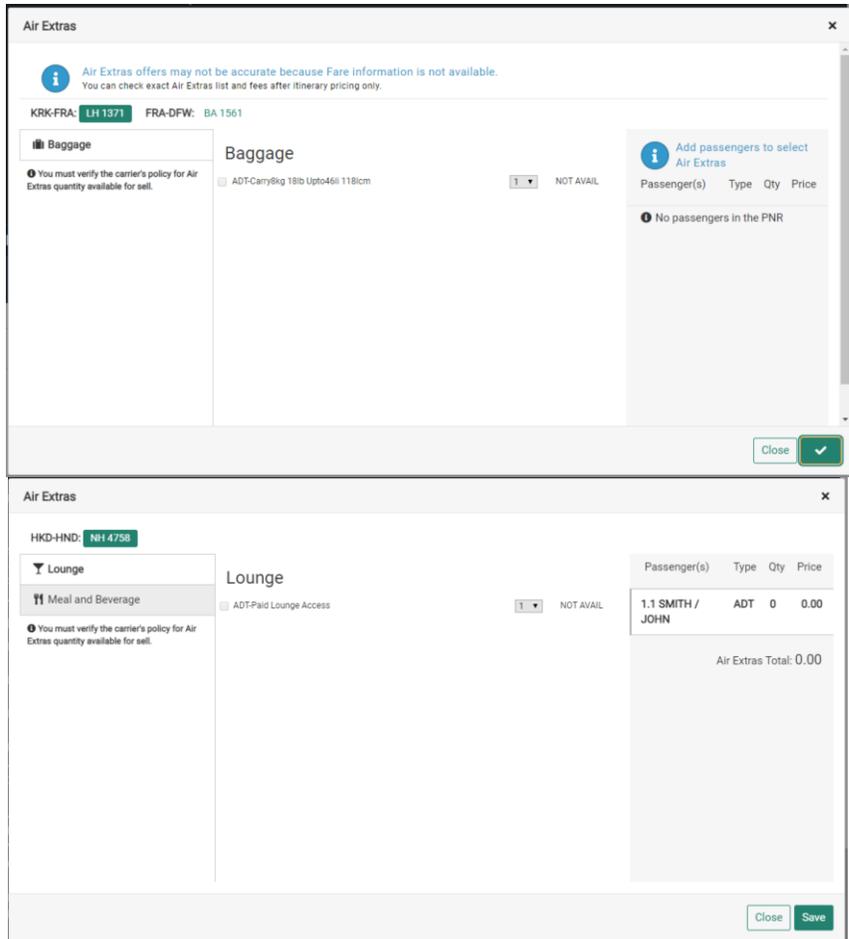
This feature makes the Exchange shop NDC workflow accessible when there is no NDC order in the user session. In such case, the user is presented with a modal showing the message "No NDC order available".



[Accessibility] - Accessible action button in Air Extras

An enhancement was added to make the action button Save accessible when there is no required information for either Passenger or Ancillary items on the Air Extras modal.

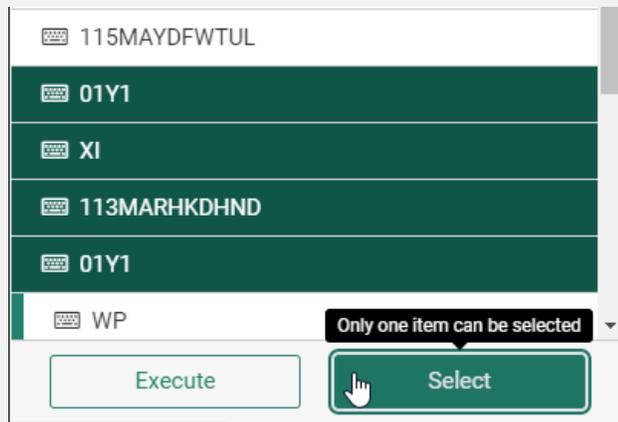
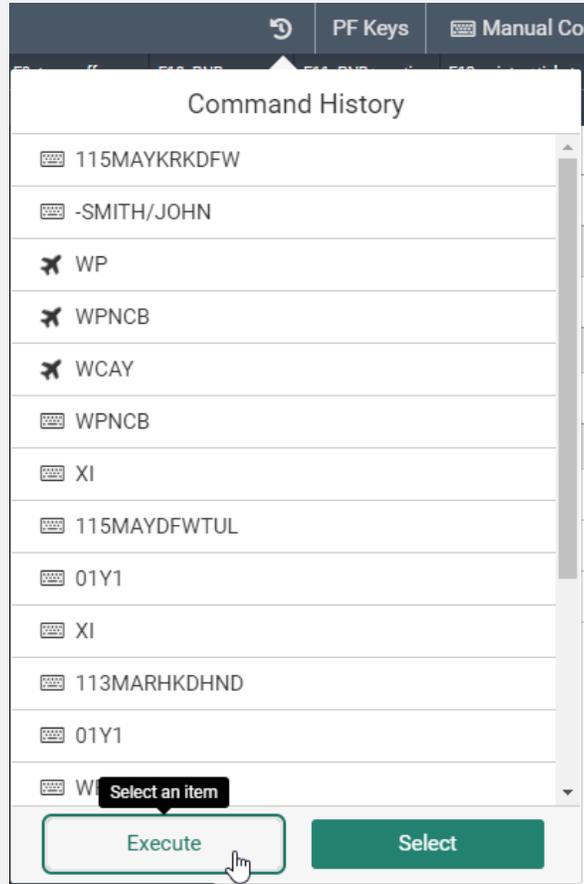
Upon pressing the Save button an information message will be presented to inform the agent as to why they cannot perform the Save action.



[Accessibility] - Command History enhancements

This feature makes the Command history widget accessible to the SR360 user. The main enhancements are:

- The "Select" and "Execute" buttons are always enabled.
- When nothing is selected from the history, a tooltip message will be presented advising the user to "Select an item".
- When the focus is on disabled items in the widget a tooltip message "Item cannot be selected" will be shown
- When multiple items are selected, and the user clicks on the "Select" button a tooltip message "Only one item can be selected" will be presented.



[Accessibility] - Accessible "Propose" button

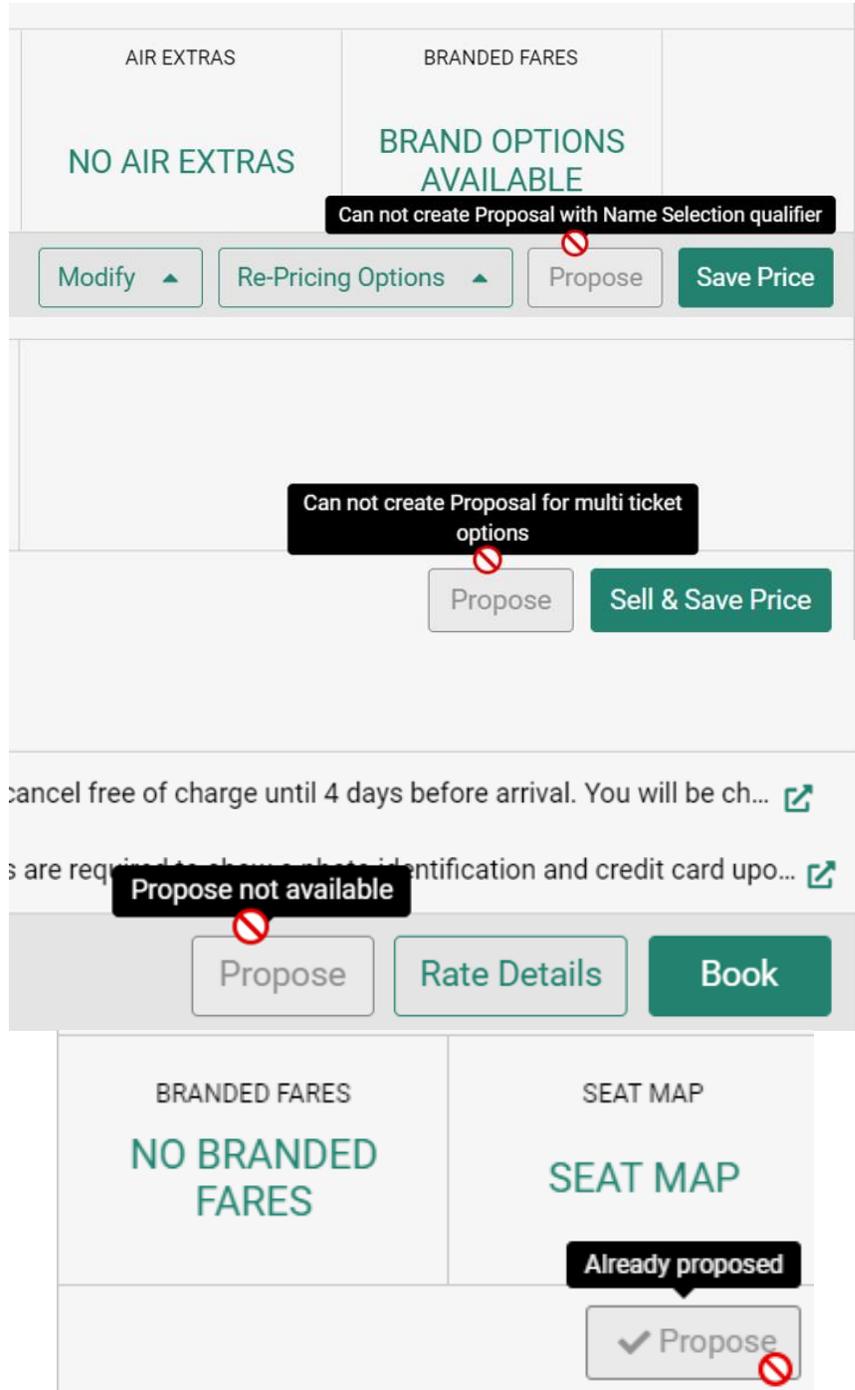
The Propose button is now accessible even if it is not possible to create a Proposal.

The Propose button is disabled in the following scenarios:

- Multi-ticket in Air Shopping
- Name select in Pricing
- Multi room in Hotel Shopping

When the user hovers over or moves focus with the keyboard to the *Propose* button a tooltip message is displayed with the relevant response.

For the scenarios when the *Propose* button is active and the user clicks on the button an animation is shown. Then, the button is changed to be disabled, but is still focusable. When the user hovers over or focuses on the button (with the mouse or keyboard), a tooltip with "Already proposed" message appears.



[General] - Windows 8.1 compatibility

Support for Windows 8.1 has been removed. User running on this version of Windows will no longer be able to access Sabre Red 360.

[SDK] - New workflow extension point: dynamo.ticketing:afterRevalidateTicket

A new workflow extension point `dynamo.ticketing:afterRevalidateTicket` is now available. It allows Red App developers to react and apply code logic after the user has attempted to revalidate a ticket.

Samples `com.sabre.redapp.example3.desktop.auto.wf.extensions` and `com.sabre.redapp.example3.web.wf.extension` have been updated with this information.

[SDK] - New Extension Point - After Issue Miscellaneous Intelligent Service Fee

A new workflow extension point `dynamo.segment:afterIssueServiceFee` is now available. It allows the Red App developer to react and apply code logic after the user has attempted to issue a Miscellaneous Service Fee document. The data model contains a success indicator and a status message.

Samples `com.sabre.redapp.example3.desktop.auto.wf.extensions` and `com.sabre.redapp.example3.web.wf.extension` have been updated with use cases detailing when this extension point is triggered and present the basic data that is available when it is being used.

[SDK] - New extension point: dynamo.ticketing:afterCancelDocumentRefund

A new workflow extension point `dynamo.ticketing:afterCancelDocumentRefund` allows a Red App developer to react and apply code logic after the user attempts to cancel a refunded document.

Samples `com.sabre.redapp.example3.desktop.auto.wf.extensions` and `com.sabre.redapp.example3.web.wf.extension` have been updated with further details.

[SDK] - Extension point enhancement: afterIssueTicket

`dynamo.ticketing.afterIssueTicket` extension point data model has been enhanced and now contains a status message.

[SDK] - Extension point enhancement: beforeAirShopping and afterAirShopping

The data models of workflow extension points `dynamo.airshopping:beforeAirShopping` and `dynamo.airshopping:afterAirShopping` were enhanced with Account Codes and Corporate IDs.

Samples `com.sabre.redapp.example3.desktop.auto.wf.extensions` and `com.sabre.redapp.example3.web.wf.extension` have been updated with this new functionality showing details as to when the extension points can be triggered and the data that is returned.

[SDK] - Air shopping tile widget data model enhancement

The Air Shopping tile widget data model has been enhanced. From now on the information about all segments from the given Air Shopping itinerary is available for Red App developers.

[SDK] - Residency qualifier passed in Structure Fare Rules request when used in pricing

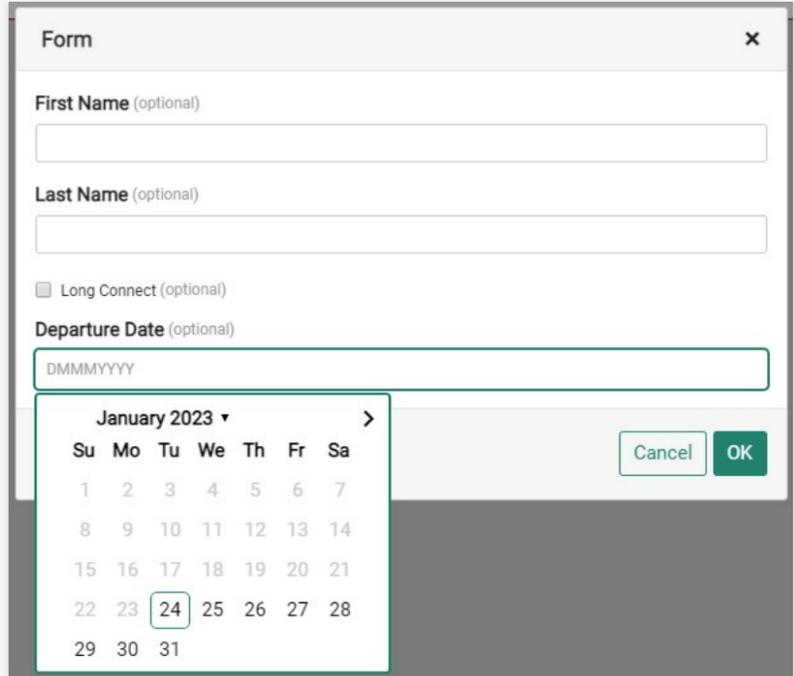
The structured fare rules API has been updated to respect the Residency Qualifier whenever it is used in a pricing transaction.

[SDK] - DatePicker component publicly available in ICustomFormsService

This new SR360 SDK enhancement allows the Red App developers to use DatePicker as a public SDK API.

The sample `com.sabre.redapp.example3.web.react.modal` has been updated with this new functionality.

The "Date Picker Component" chapter of the SR360 SDK documentation has also been created to document details related to this feature.

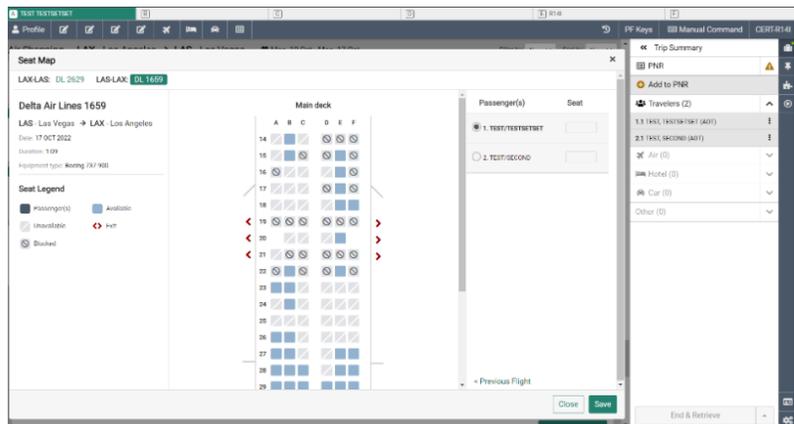


[SDK] - Seat Map opened via RedApp

A new SR360 SDK solution, that allows Red Apps to open the Seat Map with the selected flight being displayed, is now available.

A new sample, `com.sabre.redapp.example3.web.seat.map`, has been created where the user can see all available functions for this new feature.

A chapter documenting `ISeatMapService` has been created under *Sabre Red 360 Software Development Kit Help \ Sabre Red 360 Developer Toolkit \ Web Modules \ Examples in Sabre Red 360 Developer Kit*.



[SDK] - CSL - Enable nudge UI contribution

This SR360 SDK enhancement allows the Red App developer to use Nudge in the Hotel CSL Shopping.

Samples `com.sabre.redapp.example3.desktop.app.nudge_sampleplugin` and `com.sabre.redapp.example3.web.nudge` have been updated with this new functionality.

Refer to chapter "nudge" in SDK documentation for all details.

[SDK] - Saving settings for Web Red Apps – local storage

A SR360 SDK document has been created to explain how to use local storage in a Web Red App. The chapter *"Using local storage"* is available under *Sabre Red 360 Software Development Kit Help \ Sabre Red 360 Developer Toolkit \ Web Modules \ Web Modules API Reference*.

Defects Fixed

Defect ID	Description
TNNSRW-4736	Resolves an issue found when triggering extension point beforeAirShoppingInput to update User Interface
TNNSRW-4744	Resolves an issue when WP command response was missing a decimal for currency type DOP that caused an error warning "rounding necessary" when using Trip Proposal
TNNSRW-4775	Resolved an issue where the Hotel Frequent guest numbers were remaining in the command helper field
TNNSRW-4767	Resolved an issue where the Trip Proposal Search Type dropdown was moving slightly when the user was selecting an option
TNNSRW-4794	Russian translation corrections
TNNSRW-4629	Resolves an issue found in Documents & Messaging in SR Web where the Send button was not triggering the "EM" function.

How to Verify the Update

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

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 10 – 32 and 64-bit
- Microsoft Windows 11
- Microsoft Windows Server 2016, 2019, 2022
 - Basic support for Terminal Services environment including Citrix
- macOS Big Sur or later (11.7.1 or later)

We recommend 64-bit Windows 10 and macOS Ventura (13)

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 Addressses 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 – [PROD - June 2022](#)
- Sabre Red Connectivity Guide for CERT – [CERT - June 2022](#)

Expected System Down Time

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

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 360
- 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

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.

