



# External Release Notes: Release Ready

SabreSonic CSS Digital Connect Check-  
In REST Services

Version 3.0

## **Software Version 3.0**

### **Document Edition 1.0 (October 2019)**

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# Introduction

## 1.1 Document Overview

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This document contains release notes information for *SabreSonic CSS Digital Connect Check-In REST Services*® Release 3.0. Read this document so that you are aware of changes to the solution.

## 1.2 Release Identification

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Release Version	Type (Version, Update, or Patch)	Date	Approved By	Description of Change
3.0	Version	11 October 2019	Grzegorz Kurek, Joyce Schofield	Software updated.

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# Release Features

## 2.1 Summary of Features

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*Digital Connect Check-In* is introducing new features and enhancements in the following areas:

- [Digital Workspace \(DW\) Mobile Printing](#)
- [Error handling upgrade](#)
- [Supporting passengers from multiple reservations](#)
- [Returning new eligibility when DOCS/F is required](#)
- [E-mail validation inhibit web check-in in first step](#)
- [Past segment validations inhibit check-in](#)
- [Not blocking check-in process because of not initialized segment](#)
- [Enhanced handling of changes during check-in SeatSelect request](#)

The following sections explain more details about the new items.

### 2.1.1 Digital Workspace (DW) Mobile Printing

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*Digital Connect Check-In* supports different printing formats that allow returning Boarding Pass (BP) to POS. Some of them allow to print boarding pass without changing content on the assigned printer, the other allows to change content before printing.

*Digital Connect Check-In* introduces support for Zebra Programming Language (ZPL) format which allows POS to print boarding pass using mobile printers.

The new format is supported in the following *Digital Connect Check-In* services:

- /passenger/details
- /seats/select
- /passenger/boardingpass

#### Details

- Issuing Boarding Pass with ZPL format does not require assigning any BP printers.
- BP printer should not be assigned for self-service applications.
- In case of a reprint failure for a passenger, the "boardingPass" under "reservation" (if exists) is not changed.

## 2.1.2 Error handling upgrade

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*Digital Connect Check-In* introduces the following updates:

- Limit number of usages of generic error and status codes
- A new business-specific and flow-specific error and status codes
- All new codes included in automatically generated documentation

### Details

- Unambiguous error codes are used to simplify integration with *Digital Connect Check-In*.
- Meaningful, human-readable error messages are used to speed up application troubleshooting.
- Generic error and status codes and messages are removed.
- Returned HTTP status codes are aligned with error codes and messages.

## 2.1.3 Supporting passengers from multiple reservations

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*Digital Connect Check-In* prepares contract for supporting the multiple reservations.

## 2.1.4 Returning new eligibility when DOCS/F is required

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*Digital Connect Check-In* supports new eligibility related to the passenger's documents. For some of the domestic flights, the airlines require at least facilitation document which should be added by a passenger before check-in process. An information that such document is required in a flight can be found in GetPassengerData response.

In addition to the fact that facilitation document is required on the specific flight also level of details which should be included in this document is controlled by an airline. There are three levels of facilitation document details required by an airline: S, M, L.

## 2.1.5 E-mail validation inhibit web check-in in a first step

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*Digital Connect Check-In* introduces an option to check in a passenger even if there is no email validation.

The email field in the /passenger/details service is validated against the correct email format. If an incorrect format is retrieved, *Digital Connect Check-In* returns the eligibility information which prohibits check-in action. Therefore, some passengers are not able to check-in because of an incorrect email stored in the system. The correct email address is not the critical information which should block passenger's check-in. Because of that *Digital Connect Check-In* removes the email validation so the incorrect email does not inhibit the check-in process.

## 2.1.6 Past segment validations inhibit check-in

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When a passenger has already flown his first segment and wants to check-in for the next segment, *Digital Connect Check-In* validates if the first segment has been correctly marked in Sabre systems.

If a segment is not explicitly marked as flown in systems, *Digital Connect Check-In* blocks check-in operation for the upcoming segments.



*Digital Connect Check-In* introduces changes to allow to perform check-in operations even if the previous segment is not marked as flown in internal systems.

## **2.1.7 Not blocking check-in process because of not initialized segment**

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When retrieving details about the passenger's reservation *Digital Connect Check-In* expects that all connecting segments are initialized. When for any reason one of the connected segments is not initialized, the whole reservation is treated as not eligible for check-in for self-service channel. Therefore, the passengers are not able to check-in for any segment.

*Digital Connect Check-In* implements an enhancement that does not block the whole reservation if any of the connected segments is not initialized or not eligible for check-in. Then all operations are available for initialized segments, and the passenger can check-in for those segments which are initialized.

The following configuration, which is set to 'false' by default, enables this feature:

**s4ci.checkin.ignoreSegmentsNotInitialized**

## **2.1.8 Enhanced handling of changes during check-in SeatSelect request**

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*Digital Connect Check-In* capabilities are limited in the context of managing seats due to the missing refund capabilities which might be critical in some cases.

To enhance *Digital Connect Check-In* capabilities and address the passenger's problems *Digital Connect Check-In* introduces the following improvements:

- Allowing to cancel assigned seat (pre-check-in scenario)
- Allowing to change paid seat without a refund

**Note** Any operations on AirExtras (connected with the passenger's seat) are not considered to be managed by *Digital Connect Check-In*.

### **2.1.8.1 Allowing to cancel assigned seat**

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After the correct check-in operation, the passenger needs to have the seat assigned. Most of airlines allow the passengers to pre-reserve their seat even at booking time and before the actual check-in attempt. The passenger with the pre-reserved seat can change the seat to any other which is allowed (e.g. in the same cabin class or resulting from the fare benefits).

*Digital Connect Check-In* v3.0 introduces the possibility to cancel the assigned seat without selecting a new seat regardless of the reason. Removing the assigned seat is possible only for a not checked-in passenger because removing a seat in the post-check-in scenario is an offload operation which is not allowed for self-service applications.

When the passenger decides to remove the paid seat, the Air Extra is not removed automatically by *Digital Connect Check-In* API. To remove the seat UpdatePassengerDetailsRQ service might be used with the following operation:

```
<PassengerInfoRequest>
  <LastName>BOND</LastName>
  <PassengerID>0DB009860001</PassengerID>
  <EditCodeList>
    <OtherEdit actionCode="DELETE">
      <Code>PR</Code>
    </OtherEdit>
  </EditCodeList>
</PassengerInfoRequest>
```

**Details:**

- Removing the assigned seat is included in the /seat/cancel service capabilities.
- It is possible to remove all kind of seats: free, waived and paid seats (even with fulfilled AirExtras).
- Removing the assigned seat is enabled for more than one passenger/flight. It can be multiple passengers and/or multiple seats for the same passenger).

### 2.1.8.2 Allowing to change paid seat without a refund

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Paid seat changes are limited to changing a paid seat to a same-priced or zero-priced seat only.

**Details:**

- Changes in the seats/seatmap service and filtering entitlements ensure that only the seats with the same or zero price are available.
- The total price, not the equivalent, is compared. The amounts do not depend on the currency chosen by the passenger.
- To enable the feature the following configuration has to be set to 'true':

**s4ci.feature.seats.nonRefundableSeatsSupported**

## Defect Fixes

### 3.1 Summary of Defects

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The following *Digital Connect Check-In* defects have been fixed for this release.

- [Payment returns UNABLE TO TICKET ANCILLARY error code in the /pay response](#)
- [NRPS passenger is allowed to select a paid seat](#)

The following sections explain more details about the defects.

#### 3.1.1 Payment returns UNABLE\_TO\_TICKET\_ANCILLARY error code in the /pay response

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<b>JIRA #:</b> CSSDC-1250	<b>iCRM#:</b> N/A
<b>Title:</b> Payment returns UNABLE_TO_TICKET_ANCILLARY error code in the /pay response	
<b>Description:</b> Payment returns UNABLE_TO_TICKET_ANCILLARY error code in the /pay response	
<b>Resolution:</b> The payment operation is successful, no error is returned.	
<b>Programs/Modules Affected:</b> <i>Digital Connect Check-In</i>	
<b>Other Solutions/Systems Affected:</b> External customer	

#### 3.1.2 NRPS passenger can select a paid seat

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<b>JIRA #:</b> CSSDC-1240	<b>iCRM#:</b> N/A
<b>Title:</b> NRPS passenger can select a paid seat	
<b>Description:</b> For a NRPS PNR, when <i>s4ci.feature.seats.seatSelect.enabled</i> is set to <i>true</i> , a passenger can select a paid seat successfully and add it to cart. AirExtra is created.	

**Resolution:**

The paid seat selection is not allowed for the NRPS PNR. "Paid seat selection not allowed for non-revenue reservation" error is returned.

**Programs/Modules Affected:**

/seats/select

**Other Solutions/Systems Affected:**

External customer