Oracle® Hospitality Cruise Shipboard Property Management System
Patch Release Notes 7.30.0872
E81500-01

December 2016

ORACLE®

Contents

Tables

Preface

Oracle Hospitality Cruise Shipboard Property Management System (SPMS) is a program with broad functionality that supports an extensive range of integrated software modules. Besides providing cruise operators a centralized database to store all passengers and crew information, its function enables users to manage individual passengers, group travels, ship's crew, staff and temporary visitors.

Purpose

These Patch Release Notes provide a brief overview of additions, enhancements, and corrections implemented in this software patch release. Their intent is informative, not instructional. Review Cruise Shipboard Property Management System's product documentation, including technical and application advisories for previous versions, for detailed information on installation, upgrade, configuration, and general use.

Audience

This document is intended for project managers, application specialist and users of Oracle Hospitality Cruise Shipboard Property Management System.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

https://support.oracle.com

When contacting Customer Support, please provide the following:

Product version and program/module name.

Functional and technical description of the problem (include business impact).

Detailed step-by-step instructions to re-create.

Exact error message received and any associated log files.

Screen shots of each step you take.

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at
http://docs.oracle.com/en/industries/hospitality/

Revision History

Date	Description of Change
November 2016	▪ Initial publication

1   Features and Updates

This chapter describes the features and changes included in this patch release.

General

- This patch release allows System logging to log the SQL statement and save log file by module name instead of login in a single file to ease troubleshooting process. Log files are saved in following format *SQLLOG_Module name_yyyymmdd.txt*.
- This patch release implemented a control to check and prevent user from performing an upgrade, or execute a program if an existing installation or setup is not present.
- This patch release now has new feature Credit Card handling (OHCCreditCard), added to allow Payment card registration to connect to payment gateway via web services functionality, while incremental/settlement authorisation generated are sent by batch authorisation to payment service provider for authorisation process. This function requires Parameter *Not Specified, CC Transfer FormatPar* and *Interfaces, Batch CCard Processing Format* with value *OHCCREDITCARD* defined.
- This patch release changes Track 1 encoding for DesFire card from decimal to string.
- This patch release enhanced to support DesFire RFID card encoding on Track 3 for OmniKey devices.

FC Administration

- In previous version, assigning of Instruction Numbers to Emergency Stations in Muster Station setup is not possible. This patch release has new field *MST_SGP* which has been added into MST table.
- This patch release changes the label description from *Micros 9700 Item Quantity* to *Micros 9700/Simphony Item Quantity*.
- This patch release has an added option to enable scan and upload Visitor's pictures with *No Show* status when embarkation date is <= as System Date.

FC Advance Quick Check In

This patch release for Check In Wizard program, Quick Billing Printing function now allows user to define a default value in *Exclude From Quick Billing Printing*. This is managed by Parameter *Advance QCI, Default Value Exclude From Quick Billing Printing*.

FC Casino

This patch release enhanced to support RFID card reading in posting function.

FC Crew

- This patch release adds Operational Position Code column in the In Port Manning Scheduling screen.
- This patch release changes Company Original Join Date, Sign-On and Expiration column to calendar type date picker in FC Crew, Guest Info, reservation screen.

FC Database Installer

- This patch release has insertion of SmartCrew User security rights are now added by Database Installer instead of using scripts.
- This patch release added new field *CRD_DCC, CRD_PARCELADO, CRD_TOKEN* into CC1 view to support credit card import.
- This patch release which contains unused DLLs (DShowNet.dll and NumericBox.dll) has been removed from DB Installer.
  1. DevExpress.Data.v9.3.dll
  2. DevExpress.Utils.v9.3.dll
  3. DevExpress.Wpf.Bars.v9.3.dll
  4. DevExpress.Wpf.Core.v9.3.dll
  5. DevExpress.Wpf.Editors.v9.3.dll
  6. DevExpress.Wpf.Grid.v8.2.dll
  7. DevExpress.Wpf.Grid.v9.3.dll
  8. DevExpress.Wpf.Printing.v9.3.dll
  9. vbSendMail.dll
  10. WPFToolkit.dll
  11. DShowNET.dll

FC DGS Resonline

This patch release now has new mapping field FLIGHTS_CLASS added to AIL_CLASS with maximum length of 20 characters.

FC Management

This patch release has new user right *4694 - Allow To Change Overnight Shoreside Flag* added to enable or disable the flag option to existing field *Stay Overnight Shoreside*.

FC Web Service

This patch release shows guest special request by colour indicator for minor, Young Adult and Birthday guest in guest inquiry information screen. Function requires Parameter *Simphony,Special Request Code,Special Request Code separate by comma (SRT_CODE)* to be configured.

IFC Alcatel 4400 PBX

This patch release changes the GPIN handling in IFC Alcatel interface to compatible with OmniPCX Enterprise..

IFC Credit Card Transfer

This patch release implemented PA-DSS compliance functionality *Secure Deletion Methodology* into the ShipBoard Property Management System program.

IFC eOne

This patch release has added new mapping fields to eOne Interface in these respective table.

1. EmployeeInfoMsg
Salutation (UXP_A_SALUT)

2. AddressMessage
MobileNo (UXP_H_MOB_TELNO)
Email2 (UXP_H_EMAIL2)

3. EmergencyContact
Mobile (UXP_H_CONT_MOB_PHONE)

4. SeamansBookMsg
BookIssuePlace (UXP_C_BKPASSPI, VIS_PLACE)

5. VisaInformation
Birthdate (VIS_BIRTHD)
VisaValidityFrom (VIS_VALID_FROM)

6. JobInformationMsg
DateJoined (UXP_C_JOINDATE)

7. TlcInformation
Trainer (TAK_TRAINER_COMMENT).

IFC Mobile Sync

This patch release now includes *No Show* guest into FCMobile schema synchronization.

2   Installation and Upgrade

Upgrade Instructions:

General Upgrade

1.   Obtain the latest program and System Files from the Oracle Hospitality Cruise Release folder.

2.   Run the Database upgrade per normal with **FC Database Installer** release `7.30.0872`.

3.   Upload these System files to **XAPP** table. (*FidelioSPMS.dll, FidelioSPMSBusiness.dll, FidelioSPMSData.dll, FidelioSPMSDB.dll, FidelioSPMSUI.dll, FidelioShip.dll, FidelioPayroll.dll*).

4.   For customers upgrading from version below *.868* and interfacing with **Oracle Hospitality POS**, an `ISL` update on Oracle Hospitality System and `FidelioSPMSInterface.dll v1.08p` is required. Contact Oracle Support for assistance.

.Net Framework 4.5 Compatibility

1.   For clients running the following applications, obtain the setup file *FC SPMSNet2013AddOnSetup.zip* from the Oracle Hospitality Cruise Release/MS Net 2013 Addon Setup folder:

   a) FC Event

   b) FC Ticket

   c) FC WPFSecurity

   d) FC WPFDash

2.   Uncompressed the *FC SPMSNet2013AddOnSetup.zip* to a `C:\Temp` folder.

3.   In the `C:\Temp\FC SPMSNet2013AddOnSetup\FCSPMSNET2013Setup` folder, right-click and choose *Run as Administrator* on **FCSPMSNET2013Setup.exe** to execute the setup.

4.   In the `C:\Temp\FC SPMSNet2013AddOnSetup\dotnetfx45_full_x86_x64` folder, right-click and choose *Run as Administrator* on **dotnetfx45_full_x86_x64.exe** to execute the setup.

5.   Run the **.net_fx_4_5_1_patch.exe** in `C:\Temp\FC SPMSNet2013AddOnSetup\.Net 4_5_1_patch` folder, if you are operating on :

   - Microsoft Windows Vista SP2

   - Microsoft Windows 7 SP1

   - Microsoft Windows 8

   - Microsoft Windows Server 2008 SP2

   - Microsoft Windows Server 2008R SP1

- Microsoft Windows Server 2012 x86 bit
- Microsoft Windows Server 2012 x64 bit

Web Service Upgrade

1. Uninstall the FCTransactionsService from Windows Control Panel.
2. Obtain the latest FCTransactionsService_Setup.zip from the Oracle Hospitality Cruise Release folder, and install the updated installation files.

3   Resolved Issues

Table 1 – Resolved Issues

Product	CRID	TPID	Description
General	24779947	HCSP-3333	Resolved an issue with *Disallow Manual Posting Application* not referencing to the setup when user perform a posting in .NET applications.
General	24780473	HCSP-1413	Resolved an issue with Family Group, Major Group and Items import from Simphony when no zone is set in the database.
General	2478014	HCSP-2235	Corrected an issue with Parameter *Use Min Age for Passengers* not working during Add/Edit reservation
General	24780082	HCSP-2497	Resolved an *object variable* or *with block variable not set* error when printing board card that has barcode scanner setting enabled and without com port assigned.
General	24780140	HCSP-3369	Corrected the credit card handling on PAPAGENA device to prompt for manual entry when faulty payment card is detected during card swipe and Parameter *General, Allow manual card entry for Papagena* is set to 1. This function is applicable to PAPAGENA credit card format only.
General	24775323	HCSP-1915	Resolved an issue with signpad returning a blank screen after placing a signature with Parameter *General, Enable Signature Confirmation Message* set to *0*.
General	24780067	HCSP-2208	Corrected the magnetic encoding on Zebra ZXP 7 to take in parameter - Do not encode magnetic strip during printing of card. When the parameter is enabled, the card will print without encoding else it will print and encode.
General	24780078	HCSP-481	Resolved RFID card reading issue when the RFID reader set as second card reader under hardware setup. Module affected are: 1. FC Ticket 2. FC WPF Security - Visitor function. 3. FastGuestPicture 4. FC Medical 5. FC Mobile Mustering 6. FC Quick Encode 7. FC Time and Attendance terminal 8. FC Casino 9. FC Currency Exchange 10. FC Excursion

Product	CRID	TPID	Description
Package Plan	24780172	HCSP-204	Resolved an issue with package available balance does not reflect correctly when compare to total quantity deducted against the items purchased.
FC Administration	24780495	HCSP-2096	Changed the code deletion process to disallow user from deleting the course/certificate codes if course/certificate has crew assigned.
FC Administration	24780342	HCSP-2098	Corrected the item display of Simphony Major group, Family group, Items in Advance Package Plan setup.
FC Administration	24779866	HCSP-2267	Resolved an issue with batch report upload returning a *'File not found*' error during upload when the existing file does not have a *.rpt* as file extension.
FC Administration	24779918	HCSP-2296	Runtime error *ORA00936: missing expression* encountered in batch or individual photo upload. Issue is resolved.
FC Administration	24780014	HCSP-452	Corrected the port handling to disable the removal of port from System Cruise Setup after the cruise arrives at port. Option *Remove Port/day* is grayed out for current cruise.
FC Administration	24780341	HCSP-2097	Added *GetPackagePurchase* function to enable packages to be purchase through FC Web Services by third party integrators.
FC Advance Quick Check In	24780161	HCSP-2500	Resolved truncated message prompt in duplicate bookings in Check In Wizard.
FC Advance Quick Check In	25039543	HCSP-4170	When scanning a passport with different name and barcode that exist and without having to immediately remove the document from scanner, System decoded the barcode and pass in as manager card login, hence prompting an error in Immigration screen. Issue is now resolved.
FC Advance Quick Check In	24926379	HCSP-4140	Issue occurs when Hardware options – Assigned card reader and passport reader = Desko Penta whilst scanning / swiping passport in Check In Wizard. Resolved issue after passport reader is assigned, swiping passport in Check In Wizard and save *VIS_TEXT.VIS DOC_TYPE* updated with null instead of *P*.
FC Advance Quick Check In	24779954	HCSP-426	When an initial door card is encoded using *Encode Door Card* function and later re-encode in AQCI during check in, replacement cards and previously issued ones remain valid. Added Parameter *Advance QCI, Do not encode track 2 when encode bcard* to manage card encoding in the correct Track when this is done in AQCI function.

Product	CRID	TPID	Description
FC Advance Quick Check In	24779396	HCSP-989	Travel Document tab details displays the previous guest's information when new reservation is added. Issue is now resolved.
FC Advance Quick Check In	24779902	HCSP-2128	Resolved an issue with Verifone device not working with Microsoft Windows 10. User is required to run the device setup using an Admininistrator login in order to register the vFormAgent.dll into the registry. Once the Verifone device is setup successfully, device can be use with or without Administrator rights.
FC Advance Quick Check In	24780290	HCSP-2019	Incorrect Birth Nation were displayed when scanning/swiping travel document. This issue now resolved.
FC Advance Quick Check In	25038394	HCSP-4167	In previous version, authorization screen only accepts manager authorization by manual login and swiping of manager card is not possible. Issue is now resolved to allow authorization by manual login and swiping of manager card.
FC Advance Quick Check In	24779943	HCSP-378	Resolved issue with message *Do you want to print a copy of existing card?* prompting twice during batch card printing and fixed the failed printing when cancelling the cancel reason message prompt.
FC Cashbook	24780002	HCSP-449	Correct the tab order in *New Transfer* window according to logical tab order.
FC Casino	24780238	HCSP-306	Resolved an issue on Print Receipt function that does not work when a posting comment is entered by changing the report formula to *({DISPOS.POS_ID}= VAL('[$sBookingID]') OR {DISPOS.POS_ID}= VAL('[$sActivityID]')) and {RES.RES_ACC}*
FC Crew	25059142	HCSP-4179	Resolved runtime error *Object Variable /Block Variable not Set* when ENTER is pressed before the Staff Edit Information screen loads.
FC Crew	25038299	HCSP-4166	In Quick Billing, invoices were only emailed to the first person on the list instead of to selected crew members. For example, if there are 100 crew members, that first person in the list will get the said 100 invoices. Issue is now resolved.
FC Crew	24780097	HCSP-496	Resolved an error *Error Description:Invalid use of Null* when editing a Staff record that does not have travel document information.
FC Currency Exchange	24779894	HCSP-316	Altered the account display to show all accounts, including account with *Posting Disabled* set to *No* when Parameter *Exchange, Enable Account Posting* is equal to *0*.

Product	CRID	TPID	Description
FC Database Installer	24780253	HCSP-1986	Resolved a version compatibility issue with Component One - ActiveX control prompting an error when opening Guest Master Reservation screen. Added *vsflex8n.ocx version 8.0.20043.205* into XAPP by DB Installer. User must ensure the file is downloaded and registered by FCUpdater into Cruise program folder.
FC Database Installer	24780226	HCSP-2022	Resolved an error *SEARCH_CONDITION_VC does* not belong to table Constraint when running Database Installer in Oracle 12C database.
FC DGS CMS Ship	24779936	HCSP-379	Corrected the behavior of FC DGS CMS SHIP program to auto restart when the program memory is more than 500MB.
FC DGS Resonline	25054359	HCSP-4177	Runtime error *Oracle.DataAccess.Client.OracleException ORA-00001: unique constraint (FIDELIO.DEP_I11) violated* encountered when importing DGS records due to System inserting AID record from XML file into DEM and DEP table instead of generating new AID record. This issue is now resolved.
FC DGS Resonline	24779863	HCSP-2075	Implemented a date validation against System date when importing data through DGS.
FC DGS Resonline	24780435	HCSP-3656	When payment type was changed from credit card to Cash or None, System does not deactivate the credit card in Guest Handling screen. Issue is now resolved by deactivating the credit card when cancellation status *RESERVATION_CC_XFRSTATUS =C in XML*.
FC Event	24780163	HCSP-1449	Fixed a run time error encountered in event grid in calendar event that includes Day View, Week View and Month View.
FC Event	24780177	HCSP-241	Corrected an issue in Event Setup that disallow an event to be created at location which has deleted event.
FC Event	24780175	HCSP-251	Corrected the item quantity to synchronize assigned package items to an event.
FC Event	24780119	HCSP-500	Resolved a runtime error occurs when adding new event item, packages, location and event booked in FC Event if table EVEITM, EVEPKG, EVELOC and EVEBOOK has null record in Ship database.
FC Event	24780155	HCSP-510	Corrected an issue in Package Setup that disallow Package Price to be added, edited or deleted.

Product	CRID	TPID	Description
FC Housekeeping	24779809	HCSP-2994	In previous version, user was unable to perform a cabin change when Parameter *Enable Ferry Operation* is turn on/off. The issue is now resolved and user must be granted with access rights #557 in order to perform a cabin change.
FC Housekeeping	24779933	HCSP-2436	Fixed a runtime error encountered in Cabin Overview when no data is available for the selected voyage.
FC Maintenance	24779871	HCSP-311	Resolved runtime error ORA-12899: value too large for column FIDELIO,MWL.MWL_REMARKS (actual:2058, maximum: 1000) in Task Overview. Extended remark field to 4000 bytes.
FC Management	24780288	HCSP-236	When swiping travel document through a device, the Cancel button in ATB Document screen does not work, and saved the document instead of cancelling. The issue is now resolved
FC Management	24945507	HCSP-4142	When user select to display Chinese Characters in Guest Info.html format, System returns *????* in the field. Issue is now resolved.
FC Management	24793608	HCSP-4116	When inserting Group ID in Group Reservation, System return a runtime time error Critical error occurred while executing SQL statement. This is caused by unlimited characters set in data field and is now changed to 15 characters instead. Also increased data field Group Address 1 and Group Address 2 to maximum 100 bytes, and State to a maximum 50 bytes.
FC Management	25066651	HCSP-4183	When a package is refunded and then deleted from the Package Plan, System debit the refund amount again. Issue is now resolved and prevent double refund by prompting user *Package refunded, cannot delete* when user attempt to Delete on a refunded package.
FC Management	25066714	HCSP-4184	When Cancel is selected on signature screen, System still post the selected package to guest account with previous signature image. Issue is resolved.
FC Management	24779386	HCSP-3405	Corrected the behavior on Guest Handling module to be able to read ARC (Alien Registration Card) using VICOMP 470, and increased data capturing performance to have data displayed in ATB Document Entry Screen with a single swipe.
FC Management	24779764	HCSP-213	Expanded the display of drop-down list in Quick Posting, Accounts Criteria Selection window.

Product	CRID	TPID	Description
FC Management	24779820	HCSP-303	Gift Card handling is enhanced to enable cancelling of *Inactive' Gift Cards. User must have security rights '#849 - Cancel Gift Card* assigned in order to perform this function.
FC Management	24780494	HCSP-253	When processing a posting in Service Charge Posting screen and *X* button is clicked to close, System returns a Runtime Error. Issue is now resolved.
FC Management	24780196	HCSP-268	Resolved an issue with print board card not able to print when multiple guests account are selected under Expected tab in Check-In function.
FC Management	24780364	HCSP-331	In previous version, System prompts *Account has 0 unposted Gift Card* for guest that do not have any gift card assignment or inactive gift card. Resolved by removing prompt from accounts without gift card assignment.
FC Management	24780505	HCSP-3019	Resolved performance issue encountered when processing Non Refundable Credit Calculation in Quick Billing.
FC Management	24780278	HCSP-219	Runtime error *ORA-00904: UXP_xxxx : invalid identifier* and *ORA-00904: PAX_xxxxx: invalid identifier* encountered when performing guest search in Management and AQCI respectively. Issue is due to Parameter, *Extended Criteria Search* is referencing to RES and PAX fields instead of RES and UXP fields, and is now resolved.
FC Management	24780094	HCSP-3617	Resolved an issues with nationality and country of issue being recorded wrongly when scanning/swiping travel document that has different nationality and passport issue country.
FC Management	24780407	HCSP-405	Resolved an error with *Wrong card type* being prompt when entering Gift Card and Reward Card manually.
FC Management	24780076	HCSP-479	Credit Card authorization behavior for SERVEBASE and INGENICO format has been change to disable *Manual decline* if the authorization is already approved.
FC Management	24780125	HCSP-502	Payment Type *Checks* has been renamed to *EC Card*, which caters for EC Card functionality.
FC Management	25090750	HCSP-4194	Corrected an issue with No-Show status not updating when ship depart a port.
FC Medical	24780263	HCSP-216	Medical module related transactions are not shown when voided from Management module. This issue is now resolved.

Product	CRID	TPID	Description
FC Remote Manifest Update	24776992	HCSP-1752	Remote Manifest Update program remain active when connected to Desko Penta device. Corrected program behavior to allow process to be killed from Task Manager after program is closed.
FC Remote Manifest Update	24780287	HCSP-237	Changed the default display tab to Personal Details tab instead of Address Tab when editing a record in RMU.
FC Quick Encode	24779887	HCSP-370	Resolved a timeout issue, which freezes the module during encoding of wearable RFID tag.
FC Security	24780443	HCSP-280	Module changed to hide the visitor account in ashore search grid when the visitor card is swipe to change the status from onboard to ashore in Ferry operation.
FC Security	24780374	HCSP-345	Reverted changes made in previous version for support of common reader and RFID reader since there will be no further enhancement on this module.
FC Service Charge	24779854	HCSP-1696	Fixed to nullify service charge eligibility start/end date when cancelling crew reservation / crew reservation with No Show status. Fix also applies to exclude crew reservation with No Show status from Service Charge Distribution calculation.
FC Service Charge	24779862	HCSP-2428	Resolved an issue with cruise segment date not being updated when performing a cruise date change.
FC Shore Excursion	24780068	HCSP-3368	Fixed so that system check for 1 ticket per person limit for package booking.
FC Shore Excursion	24779868	HCSP-310	Changed the display of tours in booking screen order to use *ese_no* and *ese_name* instead of *ese_keeponsametourpage* field.
FC Shore Excursion	24779980	HCSP-430	In previous version, adding % Discount to an account that are routed to a Payer with Posting Status set as 'Disabled' will cause discount not being posted to POS and sets the EPO_POS_ID record to -1. This is now fixed to disallow adding of %Discount to bookings that has routing with 'Disabled' Posting Status.
FC Shore Excursion	24780237	HCSP-305	Fixed an issue that prevent Tour to be copied from Tour Templates in Bookable Tours Setup.
FC Shore Excursion	24780060	HCSP-476	Resolved an issue to prevent zero VAT Posting split values to be entered or edit in both Bookable Tours and Tour Template Setup in Pricing & Sales tab, VAT Posting split tab.

Product	CRID	TPID	Description
FCSpa	24779990	HCSP-432	Resolved an issue with transaction not posting discount voids on Treatment/Retail transactions to accounts that has credit limit enabled. Implemented a credit limit check when performing a void transaction on account that has Credit Limit assigned and will prompt *Credit Limit Exceeded for the Payer*.
FC Spa	24780142	HCSP-508	Resolved an issue with card swipe prompting error message in select booking option, *Add Reservation* function.
FC Spa	24780484	HCSP-3364	Corrected the *Cancel Percentage* behavior applying the wrong percentage when there are more than one cancellation rule in the setup.
FC Spa	24780130	HCSP-505	In previous version, the button's back color in Add reservation and Add Workshop windows were in black, resulting to non-visibility of text. This issue is now corrected.
Time Attendance	25088739	HCSP-4191	Resolved an issue with message broadcasting loading the wrong preset message.
FC Ticket	25031747	HCSP-4161	When opening another function that supports RFID reading, System does not return any response whether the program is processing or not. The behavior is now changed to display message prompt "RFID is in use by other form", alerting user to exit from previously open form before proceeding.
FC Updater	24780506	HCSP-1667	When opening FC Management and FC Crew via Launch Panel, error prompts *Error 1020 : Can't open ADO recordset*. This issue is now resolved.
FC Time Attendance Terminal	24780283	HCSP-1474	Resolved an issue in *Approve My Daily Hours* screen that did not indicate violation of work hours.
FC Time Attendance Terminal	24780297	HCSP-1839	In previous version, user is able to pre-approve future work hours in Approve Worked Hours screen and issue is now fixed.
FC Time Attendance Terminal	24780279	HCSP-221	Corrected the system idle handling to permit editing after CREW ID screen were left idle for some time.
FC WPF Security	24778430	HCSP-3455	Resolved issue with message waiting sound being played twice when guest has message to be acknowledged.
FC WPF Security	24780439	HCSP-279	Resolved an issue in wrong vehicle count taking the cancelled reservation into consideration and will now use unit count instead of total count.

Product	CRID	TPID	Description
IFC Alcatel 4400 PBX	24779960	HCSP-1421	Fixed to change second surname to upper case in Alcatel PBX.
IFC CARICOM	24780101	HCSP-3123	Enabled Longshoreman Work selection in CARICOM manifest creation that was previously available in ENOAD module.
IFC Credit Card Transfer	24748865	HCSP-4112	Fixed to decline the CCA if CCA_AUTH_REFERENCE is null. Fixed the issue to update CCA_STATUS to outstanding when enter space into Code field in manual Add Authorization screen. Resolved error when update CCT status if the guest have different credit card number but same CRD_NO_MASK.
IFC Credit Card Transfer	24827587	HCSP-4126	When obtaining a Credit card authorization for routed accounts with non-refundable credit, an incorrect authorization amount is shown. Wrong authorization amount when routed account have non-refundable credit. Issue is now resolved.
IFC Credit Card Transfer	24780508	HCSP-322	Fixed the data string format to be able to receive and read information provided by SERVEBASE Online in separate block when the TCP receive buffer size less than 4kB. The default buffer size is 4kB.
IFC Data Import	24779961	HCSP-1467	Resolved an issue with credit card number being imported wrongly when user edit the cell value in the grid.
IFC DRS	24780471	HCSP-349	Resolved an issue when the Parameter *DRS Check Balance* in Simphony properties data extension is turn on, causing wrong amount shown in Visible Available Balance. point balance showing the wrong amount.
IFC DRS	24780467	HCSP-2121	Resolved timeout issue to refer to Parameter *DRS, Operation Timeout value* instead of the default value of 9 seconds preset in Interface, and logs the timeout in interface log. Also implemented message handling *No response from DRS* if DRS system is down or not available.
IFC ENOAD	24779733	HCSP-207	Label Changed in manifest for ENOAD schema 3.5 as per requirement.
IFC eOne	24779930	HCSP-3571	In previous version, expired TLC package or Eplans were being sent from Fidelio to E1 after a valid TLC. This delivery sequence overrides the current ones and affects the TLC/Eplan History in E1. Issue is resolved.

Product	CRID	TPID	Description
IFC eOne	24780375	HCSP-3296	Due historical data is being exported / imported during data synchronize process which potentially cause a timeout issue, IFC eONE module will now perform housekeeping during start up and system date change.
IFC MobileSync	24780359	HCSP-1769	Resolved runtime error SEARCH_CONDITION_VC does not belong to table CONSTRAINT when executing Verify Database in Oracle 12C database.
IFC QCI Sync	24780154	HCSP-511	Failed to reopen lost connection during data export. Issue is now resolved.
IFC Ship Transf	24779951	HCSP-424	Resolved an issue with IFC Ship Transfer auto restarts when there are 10 retries trying to reconnect to the network to send the pending transaction to payment gateway.
IFC Ship Transf	24780086	HCSP-2209	Corrected the behavior of Offline Credit Card handling to update and/or deactivate outstanding authorization request status to decline when the initial authorization response returns a *Declined* status, when Parameter *General, Disable C/Card and Posting when auth is decline* set to 1 or 2.
IFC Universal	24780017	HCSP-3495	Corrected an issue with postings not posted to the guest account when MSMQ is in used.
IFC Universal	24780390	HCSP-1466	Resolved error occurred when running IFC Universal where SCD_D_COUNTRY AND SCD_D_PORT_ID has been removed from the database.
IFC Visionline Door	24779256	HCSP-1826	In previous version, the original card issued is invalidated instead of encoding a joiner's card when additional cabins are added. Issue is now resolved.
IFC Visionline Door	24779953	HCSP-425	When printing card via *Reset BC* for guest in the same cabin and disembarking on the same date, cards are issued as 'Main card' instead of *Joiner*, thus resulting to invalid card. Issue is now resolved.
IFT Tools	24780303	HCSP-2020	Resolved issue with Create Log Trigger button not disabling when clicked.
IFT Tools	24780294	HCSP-3229	Changed the DBA priviledge validation method to support database version 12C.
IFT Tools	24780531	HCSP-448	When parameter *Systems, Encrypt Backup File* is disabled, user fails to restore the database and it corrupts the database. This behavior is now changed to ignore the par_enabled value.

Product	CRID	TPID	Description
Web Service	24962116	HCSP-4148	Web service running slow when more than 100 devices (instances) running concurrently on the same web service. Resolved in WSLOG and *set <add key="LogMessage" value="0"/>* in Web.config to improve the performance.
Web Service	24779727	HCSP-1452	Corrected a function behavior to disable user without security rights #4683 assigned from viewing, updating and inserting a comment description via WebServices function.
Web Service	24779891	HCSP-315	Version validation check were added to ensure the DLL file version matches with the Database version when upgrading Ingenico Web Services.
Web Service	24779969	HCSP-428	Added unassigned booking handling parameter *psFunction=Spabooking* to cater for pre-booked spa services and packages.
Web Service	24779978	HCSP-429	Increased the *WSF_ACCESS_CODE* field size to 50 bytes to cater for longer license code.
Web Service	24780028	HCSP-1715	Corrected an issue with Ticket bookings allowing duplicate tour bookings to be created when Parameter *Excursions, Allow multiple bookings* is set to Disable (0).
Web Service	24780522	HCSP-1437	Resolved issue in *GetEvent* function returning wrong *eventenddate* and results when there are event end date that overlap to next day.
Web Service	24780170	HCSP-205	Resolved error on getting location when call GetEvent function.
Web Service	24780112	HCSP-2233	Resolve an exception error *ORA-06553: PLS-306: wrong number or types of arguments in call to 'FNCGETTKPOFIXEDSEATZONECOUNT'* when trying to load Bookable Event Pricing setup that includes Fixed Seating Event Prices through WebService GetEvent function.
Web Service	24780168	HCSP-250	Added optional parameter *pbIncludeDisablePackage* and resolved *GetPackageInfo* failed with JSON call.
Web Service	24780184	HCSP-267	Added parameter *WebService, FCUI Credit Limit return net amount* to either return value as per credit limit or available credit value when performing an Account Inquiry.
FC WPFDash	24780333	HCSP-295	Fixed to exclude the back to back guest count when Parameter *Mobile, Muster Drill For Today Only* is set to 1.

Product	CRID	TPID	Description
FC WPFDash	24915864	HCSP-4135	In earlier version, the application crashes when the DLL or database version were different from program executed. Issue is now corrected to display a warning message for the version against the *.exe* version during validation.