

This document highlights the major changes for Release 132.17 (132Q) of Oracle Retail Iridium2

## **Release Numbering**

For this product suite, MICROS patch releases were given alphabetic suffixes to show their sequence, where 123B is a later patch than 123A. The Oracle release number will be the position of the equivalent letter in the alphabet. For example, 123.3 will be the equivalent of MICROS release number 123.C, and 123.6 will be the equivalent of 123.F. Note that all log files and messages continue to show the MICROS release number. Rebranding is in development.

## **Overview**

MICROS Iridium 2 is an integrated ARTS-based (Association of Retail Technology Standards) automation system that optimizes the operational processes of fuel forecourts and convenience stores. It enables retailers to manage the stock and sale of fuel and dry goods, both locally and remotely.

## **Hardware and Software Requirements**

See the Oracle Retail Iridium2 Installation Guide for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

## **Noteworthy Defect Fixes**

This is a summary of the bug fixes in this patch release. This is for retailer information, and no action is required by sites.

## **Corrections to Receipts for Wrong Fuel**

When processing a wrong fuel transaction, in the clearing transaction where the correct fuel sale is cleared using the payment from the original transaction, the receipt has been corrected to deal with promotions present in the original sale, and to deal with small inconsistencies where currency rounding has been applied.

Currency rounding is where small denomination coins are removed from circulation, forcing the rounding of totals to the nearest smallest denomination in cash transactions. Various EU countries are using currency rounding, e.g. Eire, Denmark.

## **Correction for EFTLink Service when using Windows 7**

Normally EFTLink is run as a service as part of the Lucas Background Services bundle. As Windows 7 does not support services interacting with the desktop, for Windows 7 based POSs, there is now a Windows 7 variant of the property template, and the Lucas Desktop will manage the start, stop or restart of the EFTLink service.

## **Correction for Shift End if the BOS is Off-line**

Shift Close is only possible when the BOS system is on-line. With the introduction of Wrong Fuel, in certain circumstances the check for connectivity to the back office could result in an error message about un-cleared wrong fuel transactions rather than showing the BOS as off-line to the POS. This erroneous message has been prevented.

## **Prevention of POS Crash if Fuel has Additional Attributes**

A mismatch in functionality meant that if a fuel item had been set with additional attributes by the Prism system, when processing a transaction with that fuel item (grade), the POS could crash. Prism does not yet create additional attributes, but may do so in future as they are used to prompt marketing messages etc. This is now handled correctly.

## **Prevention of Previous Day End Report being Printed at Day End**

When day end is run from a POS, after initiating the day end process, a report is calculated and printed at the POS. In certain circumstances, the report printed would be for the previous day, although the day end was successful. Now a check is made to wait until the correct day is available before printing.

## **Correction for Currency Symbol on Item Panels**

It is possible to include the current price as part of the caption on a button, which is then maintained automatically, so if the price changes, the caption is also updated. In the Editor program, the currency symbol can be specified, but by default it would show as £ rather than simply £. This has been corrected.

## **Correction for Creating a New Store at HQ CSMS**

CSMS is the head office configuration and reporting software used by groups.

If a real store is used as the template when creating a new store, previously elements of the template store's fuel configuration would be copied to the new store. This prevented the new store's actual fuel configuration from being loaded, and therefore made some fuel reports wrong. Now the source store's existing fuel configuration is not copied when creating a new store.

## **Bunkering Report Label Correction**

There is a count in the Bunkering Totals POS report that was labeled Txns, and is now labeled Items because the number includes dry goods paid with Bunkering tenders, and so it is not a transaction count, but a count of sale lines.

## **Post Loyalty Handling**

Post Loyalty is a function to be able to add loyalty for the last transaction (where the customer presents their loyalty card after the sale has finished for example). Although the function was working, the operator received an error message which led them to think it had not, and to swipe a loyalty card again, which in turn would associate the loyalty card with the next sale. Now the error message does not appear, and the operator would see the successful result of the post loyalty function.

## **Correction to Nozzle Reporting where Forecourt Setup Changed**

Previously if a pump to tank mapping had been changed, so a nozzle has been set to draw from a different tank to previously, that nozzle would be duplicated on nozzle reports. This has been corrected – only the current (new) mapping and the current nozzle is shown.

## **Item Search Duplicates**

Item Search returns a list of all matches of the search term. For an item with multiple barcodes, a separate line for each barcode is returned. However, if barcodes are removed from items (as for example on certain tobacco products, which change barcode frequently), the search would also return one line for each example, even though the example no longer carried a barcode. Now the search will only display results with attached barcodes, unless this is the primary record, and the first barcode has been removed – so a maximum of one result per barcode plus the primary.

## **Prevention of Duplicate EFT Payments when using Integral EFT**

Where Integral EFT is used for certain fuel cards, swiping at the POS, if the operator swiped the card twice, the first payment would be processed, but the system would be locked waiting for a response to the second swipe. This prevented the print of the EFT voucher, but did not prevent Integral from completing the payment. If the operator rebooted the POS, the transaction would be recovered to the POS as unpaid, prompting another payment. This has been prevented.

## **HQ CSMS Report Grade Names**

Rather than use the grade names held in the HQ system, fuel reports at HQ will use the grade names configured in individual stores for all fuel reports. This is to deal with sites where a specific grade number has been used for different grades on different sites.

## **HQ CSMS Tank Reconciliation**

Tank reconciliation reports show capacities and ullage as well as volume. In an HQ the capacities and therefore ullage was always shown as zero, as there was no mechanism for the HQ to learn the capacities.

Prism does not supply the capacities either for loading in forecourt configuration, but since 132M capacities returned by the gauge is recorded in the site database, allowing tank reconciliation reports on site to show capacities and ullage. Now when capacities are updated at site, they will also be exported to HQ. For site using tank gauges that do not report on capacity or ullage, Prism is being updated to be able to include capacities in the original forecourt configuration.

## **Reprint Voided or Cancelled Transactions**

A restriction that prevented reprint of the receipt for a transaction that has been voided or cancelled has been removed, as there is no business case to do so, and it assists in monitoring a site.

## **Navarra Cigarette Vending machine**

The communication timeouts have been extended after trial with installed site, to avoid spurious Out of Stock messages. When a vending item is sold, a check of the state of all

motors is made once only, and the result used throughout this sale. The system will allow up to 10 seconds for the response, using the response as soon as received.

Sales with vending items cannot be suspended (the vending item must be removed first), and no motor check is run for a returned vending item (otherwise an item out of stock in the Navarra would be un-returnable). Voiding a vending item in a sale now prevents dispense of the item.

## **CSMS Period Close List by Date**

This HQ report no longer shows deactivated (closed) sites.

## **CSMS Settlement List Report**

This report now shows settlements in date and time order, not workstation order, which made the report difficult to read.

## **CSMS Company and Store Selection**

For Transaction Summary, and for reports where a store can be selected, the Company and Store names as well as numbers are displayed, and the stores are in alphabetical order. Previously some selectors were in name order, not displaying number, and others in number order, not displaying name.

## **CSMS Transaction Summary**

The limit on the number of transactions returned in the search function is extended at HQ to 2,500 to allow all transactions from a store in a day to be seen. The error message when the limit is exceeded has been corrected.

---

---

**Note:** The error message has also been corrected at store back office level, but the old limit of 1000 has not been changed to prevent performance issues.

---

---

## **Report Discrepancy between Structure Level Turnover and Category Turnover**

The Category Turnover report is now generated from the transaction data, without reference to the item records. This makes 2 differences. The Category Turnover at HQ will not be distorted by items present on site, but not at HQ. All reports will show sales in the departments as they were at the time of the sale, rather than the current department. This change is also applied to the POS reports for Department Totals and Sub Department Totals.

## **Daily Closing Report Correction**

When run on HQ, this report always showed a transaction count of zero. Now, the report, which at HQ can also be selected for multiple stores, will show a real transaction count for each site, as well as the store's period number, allowing simpler cross checking.

## **Correction for Shift Based Nozzle Totes**

The process where at day end the system checks for the latest shift close nozzle totes has been found to be problematic where there are unexpected delays in responses from a POS being received at the BOS. A longer timer resolves this issue, but at the cost of delaying the day end process while the timer runs. Now the system will at first run

identify the number of POS's from which responses have been received, and record this information. On the next day the system will collect the totes from the POS with the latest information once a response has been seen from all POS's expected to respond.

If a POS is added to a site, when the system sees a response from the new POS to the latest totes check, the number of POSs recorded will be updated. Therefore the correction is automatic.

## **TACT Time Synchronization**

Time synchronization is a function of the software component TACT (which is the configuration tool for the POS used by the engineers when setting up or amending the system), but instances have been seen where individual POS or BOSs have been changed to a different system locale. If one of the machines is set in a US English system locale, the date format would be month / day rather than day / month. To prevent this causing a POS to be set to the wrong date, the system locale is checked before date corrections are applied.

## **Documentation Accessibility**

Our goal is to make Oracle products, services, and supporting documentation accessible to all users, including users that are disabled. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### **Accessibility of Code Examples in Documentation**

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

### **Accessibility of Links to External Web Sites in Documentation**

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

### **Access to Oracle Support**

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

2016, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

#### Value-Added Reseller (VAR) Language

##### Oracle Retail VAR Applications

The following restrictions and provisions only apply to the programs referred to in this section and licensed to you. You acknowledge that the programs may contain third party software (VAR applications) licensed to Oracle. Depending upon your product and its version number, the VAR applications may include:

(i) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.

(ii) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Mobile Store Inventory Management.

(iii) the software component known as **Access Via**™ licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.

(iv) the software component known as **Adobe Flex**™ licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

You acknowledge and confirm that Oracle grants you use of only the object code of the VAR Applications. Oracle will not deliver source code to the VAR Applications to you. Notwithstanding any other term or condition of the agreement and this ordering document, you shall not cause or permit alteration of any VAR Applications. For purposes of this section, "alteration" refers to all alterations, translations, upgrades, enhancements, customizations or modifications of all or any portion of the VAR Applications including all reconfigurations, reassembly or reverse assembly, re-engineering or reverse engineering and recompilations or reverse compilations of the VAR Applications or any derivatives of the VAR Applications. You acknowledge that it shall be a breach of the agreement to utilize the relationship, and/or confidential information of the VAR Applications for purposes of competitive discovery.

The VAR Applications contain trade secrets of Oracle and Oracle's licensors and Customer shall not attempt, cause, or permit the alteration, decompilation, reverse engineering, disassembly or other reduction of the VAR Applications to a human perceivable form. Oracle reserves the right to replace, with functional equivalent software, any of the VAR Applications in future releases of the applicable program.