Date: 4 February 2018
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Version: 4.5.1

This latest release includes bug fixes and enhancements.

The **Database Transfer Tool** must be used for all upgrades for all versions **before** 4.5
Please read the uniCenta oPOS Database Transfer Guide

This Readme and other Guides are made available to uniCenta Customers only.
Source code access is available to uniCenta Customer Subscribers only.

This version – like all previous versions - does not guarantee that any included upgrade scripts or modules will successfully upgrade any previous release versions.

IMPORTANT :
If you are upgrading: It is recommended you install uniCenta oPOS 4.5 in a separate space and test beforehand against a copy of your live production MySQL database to ensure its new functionality and enhancements suit your operation.

INSTALLERS:
Available for:
- Windows XP SP3 to Windows 10 – as a .exe
- Linux x86 & Linux x86_64 – as a .run
- Mac OS X 10.6 – as a zip

SUPPORT :
Only CUSTOM subscription plan Customers are provided support for any uniCenta oPOS Beta

SOURCE CODE:
The uniCenta oPOS 4.5.1 project is Mavenized and is not shipped with any libraries which means the project file size is considerably smaller than previous versions.
When using Netbeans – or another similar IDE – create a New Project and use the Project with Existing POM option. Then Clean and Build.
On the initial load of the project there will be a delay whilst the required library files are added to the project. You will need to be connected to the internet to receive these.

Source code for posApps Card Payment services is not open source and distributed using our own license to achieve conformity with the latest (1 Feb 2018) PCI and EMV regulations.
Source code for posApps Digital Receipts is not open source and distributed using our own license as it connects directly to and uses our private servers.

Enjoy!

Jack

BUG FIXES

1. **GENERAL**
   BUG (UOCL-17): MySQL 4.5 Creation Script hidden error people constraint violation
   FIX: Remove duplicate '0' creation

2. **TICKET**
   BUG (UOCL-23): Edit Sales Date Range no/incorrect data returned on historical
   FIX: Change DateFormat()
   BUG (UOCL-28): Sales screen Delete button not working
   FIX: Prevent Null Exception error
   BUG (UOCL-29): Incorrect Ticketline deleted after sales screen table header sort
   FIX: Remove table autoSort. Reintroduce in future version

3. **REPORT**
   BUG (UOCL-39): rpt:sales_taxes showing duplicate lines
   FIX: Change SQL GROUPBY and remove payment type column
   BUG (UOCL-41): rpt:inventory_diary not launching
   FIX: Change incorrect spelling + .\folder
   BUG (UOCL-48): rpt:inventorydiff report Date value exception
   FIX: Reorder form filter fields and underlying query
   BUG (UOCL-49): rpt:inventorydiff_detail report Date value exception
   FIX: Reorder form filter fields and underlying query
   BUG (UOCL-54): inventory.bs STOCKURRENT incorrect case.
   FIX: change to lowercase stockcurrent

4. **PRODUCT IMPORT CSV**
   BUG (UOCL-20): Product Import not importing extended Latin-1 i.e.: german umlaut
   FIX: Add ISO-8859 - 1 to 10 + UTF-8 + UTF-16 OPTIONS

5. **DATABASE TRANSFER**
   BUG (UOCL-19): check handling of version uniCenta oPOS v3 conditions
   FIX: SQL Import Lineremoved table code block if '2' then... else....
   BUG (UOCL-24): Database Size label not updating
   FIX: Change to underlying code setText()
   BUG (UOCL-55): Transfer fail on Payments column TENDERED not found
   FIX: Change line960 version v3.00 to > 3.02
   BUG (UOCL-56): Missing products.supplier value (affects InventoryCurrent report)
   FIX: Add new SQL statement to fill products.supplier where null

6. **REPORT DATE RANGE FILTER FORMS**
   BUG (UOCL-23): Edit Sales Date Range no/incorrect data returned on historical
   FIX: Change underlying SQL statement

7. **SCRIPTS**
   BUG (UOCL-25): Line Discount script missing from MySQL-create.sql
   FIX: Change incorrect .\folder location reference
   BUG (UOCL-26): Discount scripts missing from MySQL-create.sql
   FIX: Change incorrect .\folder location reference

8. **PRINTER.TICKET TEMPLATE**
   BUG (UOCL-37): Printer.Ticket incorrect Paid values
   FIX: Replace Total with Payment method value

9. **PRINTER.TICKET.PREVIEW TEMPLATE**
    BUG (UOCL-38): Printer.Ticket incorrect Paid values
    FIX: Replace Total with Payment method value

10. **CATEGORY**
    BUG (UOCL-21): Adding image greater than 250px causing right panel to extend in full screen view
    FIX: Change component vertical height

CHANGES & ENHANCEMENTS

posAPPS MANAGER (PCL-72 & PCL-74 & PCL-75)
   CHANGE: Update version to 1.4.5

posAPPS MANAGER (PCL-76)
   CHANGE: Support for Handpoint payment services is withdrawn. Remove all Handpoint references

SYSTEM COMPANY (UOCL-22)
   CHANGE: Reposition Footer label

SYSTEM CONFIGURATION SYSTEM OPTIONS (UOCL-34)
   CHANGE: Default to false

PRINTER.TICKET (UOCL-35)
   CHANGE: <line></line> tags in #for loop

PRINTER.TICKETPREVIEW (UOCL-36 & UOCL-53)
   CHANGE: <line></line> tags in #for loop
   CHANGE: Remove full Card Payment details for PCI security reasons on reprint

SALES SCREEN (UOCL-40)
   CHANGE: JPanelTicket – Enable DeleteLine Override PIN required

REPORT FILTERS (UOCL-42)
   CHANGE: Redesign and realign component layouts of all report filters

SCRIPTS (UOCL-44)
   CHANGE: Refactor scripts id number sequence and natural list order

SYSTEM CONFIGURATION DATABASE SETUP (UOCL-46 & UOCL-50)
   ADD: Fetch MySQL metadata to return available database schema to new dropdown
   CHANGE: TEST method execution and connection string

DATABASE TRANSFER (UOCL-47 & UOCL-57)
   CHANGE: Upgrade from 4.5 to 4.5.1 does not require Database Transfer
   CHANGE: Layout and user input sequence to improve control and minimise errors
   ADD: Payments TENDERED update from TOTAL where null

PRODUCTS IMPORT CSV (UOCL-51)
　　　ADD: Dropdown for user ISO character set selection

CUSTOMERS IMPORT CSV (UOCL-52)
　　　ADD: Dropdown for user ISO character set selection

DEVELOPERS

Language Framework

Java JDK 8 is required.
There has been further conversions to Java Lambda functions as we continue to migrate code blocks as we go along, and only in certain parts of uniCenta oPOS core code, and to maintain compatibility with the earlier code base.

Maven
Central uniCenta oPOS library file distribution
　　　Uses POM 4.0.0 modelVersion
　　　Uses maven.compiler 1.8 version

　　　Repositories:
　　　　　unicenta-repo - http://repo.unicenta.org/maven2/
　　　　　Swing/Netbeans - maven2-repository.netbeans.maven2
　　　　　mvnrepository
　　　　　Netbeans Maven - http://bits.netbeans.org/maven2/

A Netbeans project zip file is provided – see Downloads. When setting up a project for the first time you will need to be patient whilst the necessary libraries and other files are downloaded from their online repositories.

The new Developer section is now open and is available to PLUS and CUSTOM subscribers here:
https://unicenta.com/developer-section/
We have kicked off with a bunch of really useful and exclusive Developer Guides as well as some handy x-Reference documents.