Date: 15 May 2018
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Version: 4.5.4

This latest release includes bug fixes and enhancements.

UPGRADES
We are changing how we deliver upgrades to uniCenta oPOS. The **Database Transfer Tool** must be used for all upgrades for all versions **before** 4.5. Please read the uniCenta oPOS Database Transfer Guide
If you are upgrading version 4.5 or later choose the **automatic upgrade** option. You do not need to use the **Database Transfer Tool**.
Until we complete the upgrade transition scripts the **automatic upgrade** will over-write your existing **Administration>Maintenance>Resources** scripts and you may need to edit them if you have made any changes to the originals created by the uniCenta oPOS installer.

This version Readme and other Guides are made available to uniCenta Customers only.
This version 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 4.5.4 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 4.5.4 project is Mavenized and is not shipped with any libraries which means the project file size is considerably smaller than previous versions.

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-77): Printer.Ticket + Printer.TicketPreview Customer Phone change
   FIX: Change phone to phone1()

   BUG (UOCL-97): Missing PostgreSQL from pom.xml
   FIX: ADD to pom.xml <!--https://mvnrepository.com/artifact/org.postgresql/postgresql -->

   BUG (UOCL-105): Reduce auto-create tables from 36 to 24
   FIX: 36 x Buttons too many for low-end screen resolution set to x24

2. **TICKET**
   BUG (UOCL-78): Variable Price tax
   FIX: Add to JPanelTicket addTicketLine method

   BUG (UOCL-106): script.Linediscount resolve % discount difference
   FIX: change math.round() to math.abs to match core code

   BUG (UOCL-107): script.Totaldiscount resolve % discount difference
   FIX: change math.round() to math.abs to match core code

3. **REPORTS**
   BUG (UOCL-79): Inventory Diary
   FIX: Add LOCATION inventory_diary.bs
   Add LOCATION Group header to rpt:inventory_diary

   BUG (UOCL-91): Sales Profit report .bs file contains UPPERCASE
   FIX: Sales Profit report .bs file contains UPPERCASE
   Change: RECEIPTS.DATENEW should be like this: receipts.DATENEW

   BUG (UOCL-92): Users Sales report fails when choosing a User
   FIX: Sales reports for parameter order in usersales.bs

   BUG (UOCL-93): Sales Cashflow fails
   FIX: SQL contains unicentaopos.
   report.setSentence("SELECT " + "payments.payment AS PAYMENT, " + "SUM(payments.total) AS
   PAYMENT_TOTAL "…

   BUG (UOCL-94): User Voids report fails when choosing a User
   FIX: Sales reports for parameter order in usersales.bs

   BUG (UOCL-95): User No Sales report fails when choosing a User
   FIX: Sales reports for parameter order in usersales.bs

   BUG (UOCL-98): Tax Cat Sales showing only one Tax category
   FIX: ADD all Tax Cats to Tax category query

   BUG (UOCL-99): Product List not showing all Products
   FIX: ADD all GROUP BY Products

BUG (UOCL-100): Product Barcode labels
FIX: UPC Barcode rendering for image resolution

BUG (UOCL-101): Product Barcode ShelfEdge labels
FIX: rpt:barcode_shelfedgelabels UPC Barcode not rendering Barcode image

BUG (UOCL-102): Product Barcode labels
FIX: UPC Barcode not rendering Barcode image replace if .equal with equalIgnoreCase() Add GroupBy products.reference to .bs

BUG (UOCL-103): Product SaleCatalog labels
FIX: UPC Barcode not rendering Barcode image rpt:salecatalog

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/

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.

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.