Date: May 2017
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Version: 4.3.1

This release of uniCenta oPOS 4.3.1 is the recommended install.
It is a maintenance release which has important Fixes for 4.3 (April 2017) as well as some other reported Fixes.

4.3 was a major update and it is **very strongly recommended** you read the unicentaopos_4.3_readme.pdf document to familiarise yourself with its changes.

The Database Transfer Tool for all upgrades - including any 3.xx or pre-4.3 -if you wish to have the latest changes and functionality. Please read the [uniCenta oPOS Database Transfer Guide](#).

IMPORTANT :
There is no need to install uniCenta oPOS 4.3 and then uniCenta oPOS 4.3.1 as this is a maintenance release and 4.3.1 can be safely installed in your current unicenta oPOS 4.3 installation folder. However if you are upgrading from a version previous to 4.3 it is **very strongly recommended** to install 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 an .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:
From version 4.3 the uniCenta oPOS 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 so as to conform to 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

GENERAL

Libraries
The mysql-java-connector 6.series driver caused TIMEZONE errors where default Out-Of-The-Box and non-professionally configured MySQL Server installations used the non-UCT time_zone.

You can continue to use the mysql-connector-java-6.0.5.jar if you do not experience the time_zone issue, but as the majority of uniCenta Customers do not have in-house technical skills readily available it was decided to revert back to an earlier MySQL driver which eliminates the time_zone issue.

     Change: Reverse out mysql-connector-java-6.0.5.jar to mysql-connector-java-5.1.39

CONFIGURATION

Database
uniCenta oPOS now uses the latest mysql-connector-java-5.1.39.jar driver version.

Driver Library
     New installs (without existing unicentaopos.properties) will use the
          C:\your installationfoldername\.\mysql-connector-java-5.1.39.jar

     Prior to version 4.3.1 : Upgrades (with existing unicentaopos.properties): should change to:
          C:\your installationfoldername\.\mysql-connector-java-5.1.39.jar

Use the open folder button and browse to your uniCenta oPOS installation ./lib folder

The Driver Class – in both cases - should be:
          com.mysql.jdbc.Driver

Driver Class
     New installs (without existing unicentaopos.properties) will use the
          com.mysql.jdbc.Driver
     Prior to version 4.3.1 : Upgrades (with existing unicentaopos.properties): will not be required to change the Driver Class required which is;.
          com.mysql.jdbc.Driver
     Users who have installed version 4.3 : Will need to change existing unicentaopos.properties Driver Class to;.
          com.mysql.jdbc.Driver

Please Save Changes and then Restart uniCenta oPOS.
Depending on the Cache settings of machine's OS you may you will need to perform the above twice for it to take effect.

REPORTS

Product Sales Profit Report
Incorrect Actual Sales and Actual Profit columns did not include * UNITS multiplier.
     Fix: sales_productsalesprofit.bs script

FORMS

Database Transfer
Additional development to further enhance performance and reliability of transfer process.
Transfer time is now approximately 20 times faster than previous.
> Change: addBatch statements
> Change: Set auto commit to false during import

JPanelCSVImport
Products with same Description were Updated instead of Added as new.
> Change: Allow Import process to accept duplicate Product names instead of showing as
Updated

Sales screenCustomer Create pop-up
Creating a Customer from within the Sales Screen failed.
> Change: Increase Object createValue() from 26 to 27

Sales Screen
Recent forum post demand was high to reverse the previously requested changes (4.1) to how the
Remote Printer tickets were processed – the whole ticket on every change – so this is now reversed
to print a new Remote Printer ticket for only the new item line added.
> Change: Please see RESOURCES section below

Please Note: a new Remote Print ticket is NOT sent when a Multiplier or other value is changed in a
ticket previously sent to the Remote Printer. In those cases you should add a new ticket line.

RESOURCES

script.SendOrder
> Changed: Add conditionall #if getProperty("updated").... to #for loop
> Changed: Add setProperty("updated").... end of #for loop

Printer.Ticket.P1 through to Pinter.Ticket.P6
> Changed: Add conditionall #if getProperty("updated").... to #for loop

DEVELOPERS

Maven

pom.xml
> Change: mysql-java-connector-6.0.5 reversed out to mysql-java-connector-5.1.39