

Date: Mar 2016  
Author: Jack Gerrard  
Version: 4.1.2

This latest update resolves notified forums issues and other un-reported updates.  
The change list is shown below.

The unicentaopos-4.1-windows-installer.exe is the latest version and contains the latest updates :

You can install into your existing uniCenta oPOS folder OR  
into a new folder

Please ensure you make a backup of your uniCenta oPOS folder before installing.  
And, remember, always test new versions thoroughly before implementing into production.

#### TO INSTALL:

Unzip the unicentaopos4.1.2.zip contents to your uniCenta oPOS 4.1 folder  
Start uniCenta oPOS

\*\*\*\*\*

1. When 1000+ Products per Category + using uniCenta Skin causes recurring  
AWTEventMulticaster - EventListener remove()  
Workaround - Use other Skins  
Issue doesn't occur with other Skins

#### DONE

\*\*\*\*\*

#### REFACTOR:

Extend compatibility to Linux and/or Mac OS X hosted MySQL databases  
Refactor all database.tablenames and other entities to lower-case

#### JPANELTICKET:

Comment out un-necessary system Beep event when ticketlines <=0  
Fix UPC-A Price/Weight Barcode  
EAN-13 Barcode starting 28 - price includes tax so removed  
CashDrawer open whilst Printer OFF option in use

#### LANGUAGES:

Consoles intro'd in v4.1 but causes issue in RightToLeft languages i.e.: Arabic  
Revert to Monospaced font in following classes:  
DeviceDisplayPanel  
BasicTicketForPrinter  
BasicTicketForScreen

#### LOCALES:

All language locales changed tab.paper to tab.voucher  
Printer.PrintLastTicket  
Printer.ReprintTicket  
Printer.Ticket  
Printer.TicketPreview

#### TICKET.BUTTONS:

Line and Total discount button images are same - Change line discount image to img\_discount\_b  
Replace incorrect TicketPreview printer image to img.printer

#### VOUCHER:

Refactored PaperIn & PaperOut calls to VoucherIn & VoucherOut  
This allows Vouchers + an additional Payment option;

#### ROLES:

Change existing:

```
<class name="payment.paperin"/>  
<class name="refund.paperout"/>
```

To:

Roles: Admin + Manager changed

```
<class name="payment.voucher"/>  
<class name="refund.voucher"/>
```

Rolls: Employee changed

```
<class name="payment.voucher"/>
```

#### CUSTOMERS:

Address2 and PostalCode changes not saving  
CustomersPanel - getSaveProvider missing elements in tcustomers  
Changes to CustomerInfo; CustomerInfoExt; DataLogicSales  
Also resolves Customer Debt value not updating immediately

#### TAXES:

Customer Tax Category not applied when Customer assigned to ticket  
Changes to TaxesLogic class  
Refactor tax.TaxCustCategoryID

#### DISCOUNTS:

SubTotal; Tax and Total values not updating correctly when script.linediscount or script.totaldiscount applied  
Revert JPanelTicket changes to evalScriptAndRefresh method

#### PAYMENT OPTION - New:

JPaymentSlip

SLIP added to Payment panel - to be used as an alternative payment method to Voucher/Coupon where tracking is not required

Changes JPaymentSelect; JPaymentSelectCustomer; JPaymentSelectReceipt; PaymentInfoTicket; Roles and all Locales

Requires update to ROLES

Administrator role is auto-updated during an Upgrade

Add lines below to Manager; Employee roles when upgrading for Slip option to appear on Payment panel:

```
<class name="payment.slip"/>
```

```
<class name="refund.slip"/>
```

#### REPORTS:

JasperReports libraries updated to jasperreports-6.2.0

Change to JRViewer300 (rename to JRViewer400) use 6.2.0 libraries

Apache poi libraries replaced with 3.10

start.bat jasper class path change to jasperReports 6.2.0

#### TOP10SALES CHART

Incorrect values in columns

Fix incorrect column order and calculation errors

sales\_chart\_top10sales.jrxml

sales\_chart\_top10sales.bs