



Configuration Guide

Version 4.1

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March 2016

This Configuration Guide answers many of the most common questions regarding the uniCenta oPOS setup and configuration after installation. It is a "What Do I Do Next?" of key components.

Foreward

Many of the settings and options are intuitive and self-explanatory, yet it's still worthwhile providing a brief description of what they do, especially for newcomers to uniCenta oPOS

Configuring uniCenta oPOS for the first time? Take things step-by-step and try not to feel too intimidated. Follow this guide and you won't go far wrong.

If you're upgrading it's recommended you [read the upgrade page](#).

There are a few things that need to be done if this is a new uniCenta oPOS installation.

- Decide if this is a single or multi-terminal installation
- Install Java JRE 1.8 (minimum).
- Install MySQL server 5.5 (minimum) or use the MAMP installer especially if you know you will want to use the Web reporting. MySQL server installation is not covered in this guide and it is expected it is installed and functioning properly.


If an upgrade, you can use all your existing settings and only need to review, and possibly adjust, the new Configuration settings in uniCenta oPOS where necessary. Either way, fresh install or upgrade, it's a good idea to be prepared before embarking on the set up.

The most essential application needed is [MySQL server installed](#) and without it you cannot run uniCenta oPOS.

Support for installing or configuring a local or remote MySQL database is not included though a basic review is included at the end of this guide to help you.

Date	Version	Author	Comment
January 2016	1.0	Jack Gerrard	Drafting
February 2016	1.1	Jack Gerrard	Additional text
March 2016	1.2	Jack Gerrard	Database

GENERAL

06-Nov-2015 4:25:17 uniCenta oPOS Touch Friendly Point Of Sale 

Configuration

General | Locale | Payment Method | Peripherals | System Options | Ticket Setup | Company | Database Setup


Terminal Name: Computer Name/IP: office/192.168.1.100



Department:

Skin:


Screen:

Tickets:

Logo: 

Text:  

☐ Hide Footer Status Bar

office - Boutique
jdbc:mysql://unicenta-server:3306/unicentaopos_jm_btq 72 MB of 495 MB 

Terminal Name : This is automatically completed when uniCenta oPOS is first started. It is the Computer Name as set by your machine's Operating System and is used to identify the terminal in places such as reporting. You can change the name to one of your preference such as: Terminal 1, Reception Desk or Deli Counter.

Computer Name/IP : For future use. Displays the Computer Name and its currently assigned network IP address. These settings are controlled by your machine and Operating System. Refer to your Operating System manual to change these.

Department : For future use. Optional. Can be a description of your choice or left blank.

Skin : This affects the Look & Feel of uniCenta oPOS.

The default is **uniCenta**, yet if you prefer you can set to another.

Metal, **Nimbus** and **CDE/Motif** skins are native to Java.

Windows will use the native Look & Feel of your Windows version.

Screen : Choose **window** if your machine is used for other things like email or web browsing tasks or **fullscreen** to lock-down the desktop to prevent user access to other app's.

Tickets : This option sets up the main sales transaction screen and other functionality.

simple only allows one sale at a time. This setting is good for supermarkets.

standard (default) allows you to "stack" sales. Good for complex Products

restaurant introduces a Table Plan and Reservations.


Logo : You can replace the uniCenta logo on the main login form with your own if you wish. The suggested size is approximately 600 x 400 pixels – when you have a 1024x768 pixel screen - in jpg or png format.

Text : Replace the uniCenta oPOS GNU GPL3 license text with your own preferred content. Text can contain core <html> formatting tags such as <h1>Heading</h1>

Hide Footer Status Bar : This checkbox controls appearance of the footer section. If un-checked (default state) it appears on all uniCenta oPOS screens. It displays core configuration information such as the database in use, and the currently logged on user, as well as a Java JVM RAM used/available widget.

The Status Bar is a useful reference when initially setting up uniCenta oPOS and can be switched off later.

When the option is checked; the footer is hidden from view.


06-Nov-2015 4:26:33 uniCenta oPOS Touch Friendly Point Of Sale 

Configuration

General **Locale** Payment Method Peripherals System Options Ticket Setup Company Database Setup

Locale	(System default)
Integer	(Default)
Double	(Default)
Currency	(Default)
Percent	(Default)
Date	(Default)
Time	(Default)
Date Time	(Default)

Save Restore

office - Boutique jdbc:mysql://unicenta-server:3306/unicentaopos_jm_btq 81 MB of 495 MB 

The following settings shouldn't need to be changed as uniCenta oPOS picks up your computer's current settings. You can change if needed, but it is advised to leave as is unless you have a specific requirement.

Locale : Change this if you prefer to operate uniCenta oPOS in another language. Not all languages in this list are available as uniCenta translations. When a specific term is not available in a uniCenta oPOS language translation the default language (English UK) is used.

Please note: Check the uniCenta web site for current translations available.

Integer : Sets the format of whole numbers. Some countries use the "," to separate thousands unit values whilst others use it as a decimal separator.

Double : As Integer setting. Common use is to display more than two decimal place values on-screen and in reports

Currency : This option allows you to change the default currency symbol, used on-screen and in reports, to another symbol or letters/words. For example: \$ to USD or Dollar

Percent : Again, this option can be set to a preferred format such as reducing the number of decimal places.

Date : Default. Not changeable. Uses the machines Operating System Date settings.

Time : Default. Not changeable. Uses the machines Operating System Date settings.

Date Time : Default. Not changeable. Uses the machines Operating System Date settings.

PAYMENT METHOD

The screenshot shows the 'Configuration' window of uniCenta oPOS. The 'Payment Method' tab is selected. It contains two dropdown menus: 'Card Reader' set to 'Not defined' and 'Payment Gateway' set to 'external'. There is an unchecked 'Test Mode' checkbox. At the bottom are 'Save' and 'Restore' buttons. The status bar at the bottom shows the user 'office - Boutique', the database connection 'jdbc:mysql://unicenta-server:3306/unicentaopos_jm_btl', and a memory usage indicator '81 MB of 495 MB'.

06-Nov-2015 4:26:45 uniCenta oPOS Touch Friendly Point Of Sale powered by uniCenta

Configuration

General Locale **Payment Method** Peripherals System Options Ticket Setup Company Database Setup

Card Reader Not defined

Payment Gateway external ☐ Test Mode

Save Restore

office - Boutique
jdbc:mysql://unicenta-server:3306/unicentaopos_jm_btl 81 MB of 495 MB uniCenta

Credit Card Payment gateways have been removed from uniCenta oPOS due to the latest PCI Regulations. These will now be available as plug-ins.


Card Reader : For User, Customer and payment Card device readers.

- **Not defined** : Default.
- **Intelligent** : Retained for specialist and legacy readers. Please check with your card reader supplier.
- **Generic** : Most commonly used and available.
- **Keyboard** : Allows entry of *cardholder*, *card number* and *expiration date* when making a settlement payment of a sales transaction when a magnetic card reader is not available.
- **NCR/Rfid** : Reserved for future.

Payment Gateway : This will be populated when a specific uniCenta Card Payment gateway plug-in is used. Set to external if you have a separate card payment terminal and want to record card sales.

- Not defined
- External

PERIPHERALS

06-Nov-2015 4:26:58 uniCenta oPOS Touch Friendly Point Of Sale 

Configuration

General | Locale | Payment Method | **Peripherals** | System Options | Ticket Setup | Company | Database Setup

Customer Display: screen

Printer: screen

Printer 2: Not defined

Printer 3: Not defined

Printer 4: Not defined

Printer 5: Not defined

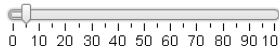
Printer 6: Not defined

Scale: Not defined

Scanner: Not defined

Reports Printer: EPSON TM-T88II(R) Red...


iButton: ☐ OFF

Responsiveness: 

Fast Slow

0 10 20 30 40 50 60 70 80 90 100

Save Restore

office - Boutique
jdbc:mysql://unicenta-server:3306/unicentaopos_jm_btq 84 MB of 495 MB 

Each of these settings offers a selection for a manufacturer's communication protocol.

When chosen you will be asked to complete the type and connection port. You can always come back to this section if you don't have these to hand right now. Set to screen if you don't so you can check printer output whilst setting up uniCenta oPOS

Customer Display : Applies to both built-in and stand-alone displays.

Printer : This is usually your main receipt printer but you can choose any printer even if it is a remote network printer.

Printers 2 – 6 : Same applies as the the main Printer though any of these may be either directly attached or on a network.

Scale : Choose from one of the manufacturers in the list. Optionally you can choose to display to a virtual scale to screen.

Scanner : Many barcode scanners today are USB and act like a keyboard. If you have serial scanner, set the port it's connected to. Only Scanpal and compatibles are supported.

Reports Printer : A locally attached or network printer.

iButton : Also known as a Dallas Key. Used for user security. Switch to ON if you have a reader installed. The Responsiveness track – default is 5 – sets the delay period for when the key is lifted off the iButton reader.

SYSTEM OPTIONS

Settings in this section affect the way certain components appear or function. uniCenta oPOS will work just fine if these are left as they are.

System

Set Tax included on startup : Controls how tax is applied to variable price Products in the sales screen. Leave this un-checked for normal operation.

Single Instance : When checked prevents another copy of uniCenta oPOS running on the same computer.

Hide Payment panel text overlay : Switches off the text shown on the currency images when checked.

Keypad

Use 00 keypad button : Replace the number pad's single 0 with 00

Input box above keypad : Moves the number pad's input area.

Move Close Cash buttons : Moves buttons from the form's footer to the top.

Automatics

Auto LogOff after Sale? : Returns to the login screen after a sale is closed or the sales screen is inactive after After ? seconds

In Restaurant mode – return to table plan? : Check if it is preferred not to return to login screen.

Auto Refresh Table Map : Keeps the table status up to date opposed to doing a manual refresh. After ? seconds

Enable Service Charge :Used together with the special xxx988 Product to add (optional) fixed charge to a sales transaction.

Service Charge Rate ?% : The rate to charge. This value should be net of Tax.

Restaurant mode only? : Will only be applied when Restaurant screen is used.


Restaurant

Show Customer name on table plan : Check to show when a Customer is assigned to a ticket. Assign a colour using the colour picker.

Show User's detail on table plan : Check to show the Server's name assigned to a ticket. Assign a colour using the colour picker.

Table Name Text colour : Assign a colour using the colour picker.

TICKET SETUP

06-Nov-2015 4:27:24 uniCenta oPOS Touch Friendly Point Of Sale 

Configuration

General Locale Payment Method Peripherals System Options **Ticket Setup** Company Database Setup


Receipt number min' length

Receipt number prefix

Length of Pickup Number

☐ Receipt Print Off

Save Restore


office - Boutique
jdbc:mysql://unicenta-server:3306/unicentaopos_jm_btq 86 MB of 495 MB 

Receipt number min' length : Determines the printed format of the receipt number.
Example if set to 6 would be 000022

Receipt number prefix : Allows you to add further identifier to receipt numbers.

Length of Pickup Number : Unique identifier used when for example sending an order to a kitchen printer.

Receipt Print Off : Controls default receipt print behaviour on the sales close payment screen.

06-Nov-2015 4:27:36 uniCenta oPOS Touch Friendly Point Of Sale 

Configuration

General | Locale | Payment Method | Peripherals | System Options | Ticket Setup | **Company** | Database Setup

Header 1 uniCenta oPOS

Header 2 Touch Friendly Point Of Sale

Header 3 Copyright (c) 2009-2015 uniCenta

Header 4

Header 5

Header 6

Footer 1 Thank you for your custom

Footer 2 Please Call Again


Footer 3

Footer 4

Footer 5

Footer 6


Save Restore

office - Boutique
jdbc:mysql://unicenta-server:3306/unicentaopos_jm_btq 89 MB of 495 MB  uniCenta

Header 1 – 6 : Complete the text to be used in your receipt's header section.

Footer 1 – 6 : Complete the text to be used in your receipt's footer section.

DATABASE SETUP

06-Nov-2015 4:27:46 uniCenta oPOS Touch Friendly Point Of Sale 


Configuration

General Locale Payment Method Peripherals System Options Ticket Setup Company **Database Setup**

By default uniCenta oPOS supports two separate databases!

Use the first as the main default database. The second database could be used for training, testing or connection to another location's database
Databases must be installed and configured correctly before trying to connect uniCenta oPOS
More information can be found on the uniCenta web site

uniCenta

Driver Library 

Database Driver Class

Multi-DB ☒ ON



DB 1 Name DB 2 Name



IP 1 Address Port IP 2 Address Port 2

DB 1 URL DB 2 URL

User User

Password Password

 Test 

 office - Boutique
jdbc:mysql://192.168.1.68:3306/unicentaopos_jm_btq 91 MB of 495 MB 

uniCenta oPOS v4.1 only uses MySQL. The option to have a second uniCenta oPOS database is useful for example if you want to try different settings , do training or access another department database all from the same machine.

Driver Library : This is set by default on installation yet it can be changed as new MySQL drivers become available.

Database : Only MySQL available in this version. Support for other SQL databases is planned.

Driver Class : This should not be changed.

Multi-DB : Slide to ON to allow connection to a second MySQL database.

DB 1 Name : Any name you would like this database to be known by. This could be your main "live" database.

IP 1 Address : The physical network address of the MySQL server.

Port : The port the MySQL server is listening on. Port 3306 is the norm. This may differ if hosting your MySQL database in the cloud.

DB 1 URL : The fully qualified connection string to the MySQL database. If the MySQL server is on the same machine as the uniCenta oPOS installation it would look like something this – jdbc:mysql://localhost:3306/unicentaopos_jm_btq

User : The MySQL account user name.

Password : The MySQL account password for the User account.

Test button : Tests the connection to the specified MySQL server using the above settings and credentials.

DB 2 Name : Any name you would like this database to be known by.

IP 2 Address : As IP 1 Address or set to point to another server.

Port 2 : As Port 1 or set to point to another port.

DB 2 URL : Same format as DB 1 URL except specify another MySQL database.

Example – jdbc:mysql://localhost:3306/unicentaopos_jm_lib

User : As User 1 or set to a different account user name.

Password : The MySQL account password for the User account.

Test button : Tests this connection's settings and credentials.

Final thing you need to do is to Save your settings and restart uniCenta oPOS for them to take effect.

IMPORTANT


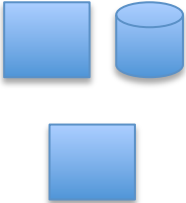
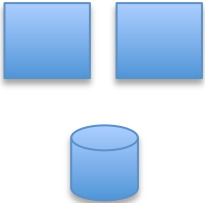
Before installing uniCenta oPOS it is important your platform is up and running and available to it. Your machines, Operating Systems, networks, including internet access, must be installed, configured and performing correctly. Getting these things right before a uniCenta oPOS install – in fact any app' – is a top essential item to include on your pre-install To Do List.

The first LOCAL option is the simplest, quickest and requires only basic technical skills - such as how to install an application on a machine.



A general rule to remember: the more remote the database server the more time and technical skills will be needed. A core and essential understanding needed, for example, is how to properly configure database Users access Permissions.

Here are some typical deployment examples:

LOCAL

	uniCenta oPOS and database server installed on the same machine.
	uniCenta oPOS installed on two machines with the database server installed on either of the machines. The machine hosting the database must be on and available to the other machine.
	uniCenta oPOS installed on one machine and the database on another – such as a server on your own local network.

REMOTE

 <p>The diagram shows a single blue square representing a local machine at the top. Below it is a blue cloud representing a network. At the bottom is a blue cylinder representing a database server.</p>	<p>uniCenta oPOS installed on a local store machine with the database server hosted on a server in a head office which is accessed across your own private wide area network (WAN).</p>
 <p>The diagram shows two blue squares representing multiple local machines at the top. Below them is a blue cloud representing a network. At the bottom is a blue cylinder representing a database server.</p>	<p>uniCenta oPOS installed on multiple local machines connecting to a database server hosted by a web hosting company.</p>

Note:

uniCenta oPOS has been successfully tested on an Amazon RDS MySQL database instance.

If you are interested in testing uniCenta oPOS on a remotely hosted MySQL server you could try setting up an account at <http://www.db4free.net>