POS Installation Guide

LS One – 2017.2

Contents

1 Introduction

This guide goes through the installation of the LS One POS 2017.2

1.1 Demonstration data

The Demonstration Data is based on a fictitious company, Aurora International Ltd. This company is located in France and its company currency is the Euro. All the data in this company is fictitious and not necessarily correct in all countries.

1.2 Icons used in this guide

Tip

Note

Warning

2 About the version

See release notes for information on version changes.

3 To install LS One POS 2017.2

3.1 Hardware prerequisites

- Processor: 2 GHz or faster.
- 4 GB RAM
- Hard disk: 7 GB free space (to take advantage of the maximum data storage capabilities of SQL Server Express 2014).

💡 This is in addition to the free disk space needed for the operating system.

3.2 Software prerequisites

Before installing LS One POS 2017.2 please make sure you have administrative privileges on the computer where you plan to install the application. In order for the POS to operate, the following software prerequisites must be met:

- Any of the following operating systems:
    - Windows 7
    - Windows 8
    - Windows 8.1
    - Windows 10
    - Windows 2003 Server
    - Windows 2008 Server
- Required frameworks:
    - .NET Framework 4.7 (Required for Site Manager)
    - Windows Installer 4.5 (Required for SQL Server 2014)

The following software is not required but recommended:

- The currently installed hardware's OPOS drivers.

📌 SQL Server Express 2014 is necessary to run the Site Manager.

3.3 Authorization requirements

We prefer that the Windows user has administrative rights. If the user-rights need to be restricted for some reason, make sure you have at least some basic rights granted for the user to be able to run the POS.

- Full access to the "<Program Files>\LS Retail" directory.
- Full access to the "<ProgramData>\LS Retail" directory.

💡 Note that the ProgramData is a hidden folder – Windows needs to be configured to display hidden folders.

⚠️ Make sure that the Windows user belongs to some of the BUILT IN user groups visible in the SQL server, and that user group has been granted the "sysadmin" rights.

3.4 Installation procedure

LS One POS 2017.2 is distributed in a single .zip file containing the executable setup file **(LS One POS Setup.exe)** which must be extracted before it can be executed. Before you start the POS application you must run this installation. This file will extract the installation files on to a temporary folder and run the installation program automatically from there.

💡 If you have a previous version of the LS One / LS POS installed on the machine already it will be overwritten, unless you specify a different directory for the new install.

The procedure should be as follows:

1. Double-click the file **LS One POS Setup.exe.** The setup program will initialize.
2. Select the appropriate language and press **OK**.
3. Press **Next**, read and select *I accept the license agreement.*
4. Select a path and folder name to where the program will be installed, then press **Next**.
5. Select the checkbox if a desktop icon should be created and then press **Next**.
6. Press **Install** to start the installation process.
7. Press **Finish** completing the installation.
8. To start working with the POS application, see chapter 2 About the version.
9. The following links will be installed where you can now start the program.

If requested, an icon is created on the desktop

3.4.1 Image: Desktop icon

LSOne.POS.Setup
.exe

💡 The configuration file is now located at C:\ProgramData\LS Retail\LS POS

The Program Data is a hidden folder – Windows needs to be configured to display hidden folders

3.5   Uninstalling LS POS 2017.2

Go to **C:\Program Files\LS Retail\LS One POS** and run unins000.exe to uninstall completely remove LS One POS and all its components.

3.6   Uninstalling Microsoft SQL Server 2014

Open the control panel and double-click **Add remove programs**. Select the Microsoft SQL Server 2014 icon from the list, press **Remove** and confirm by pressing **Yes**. Choose the Database Engine from the list of instances and press **Next** and **Finish** starting the removal.

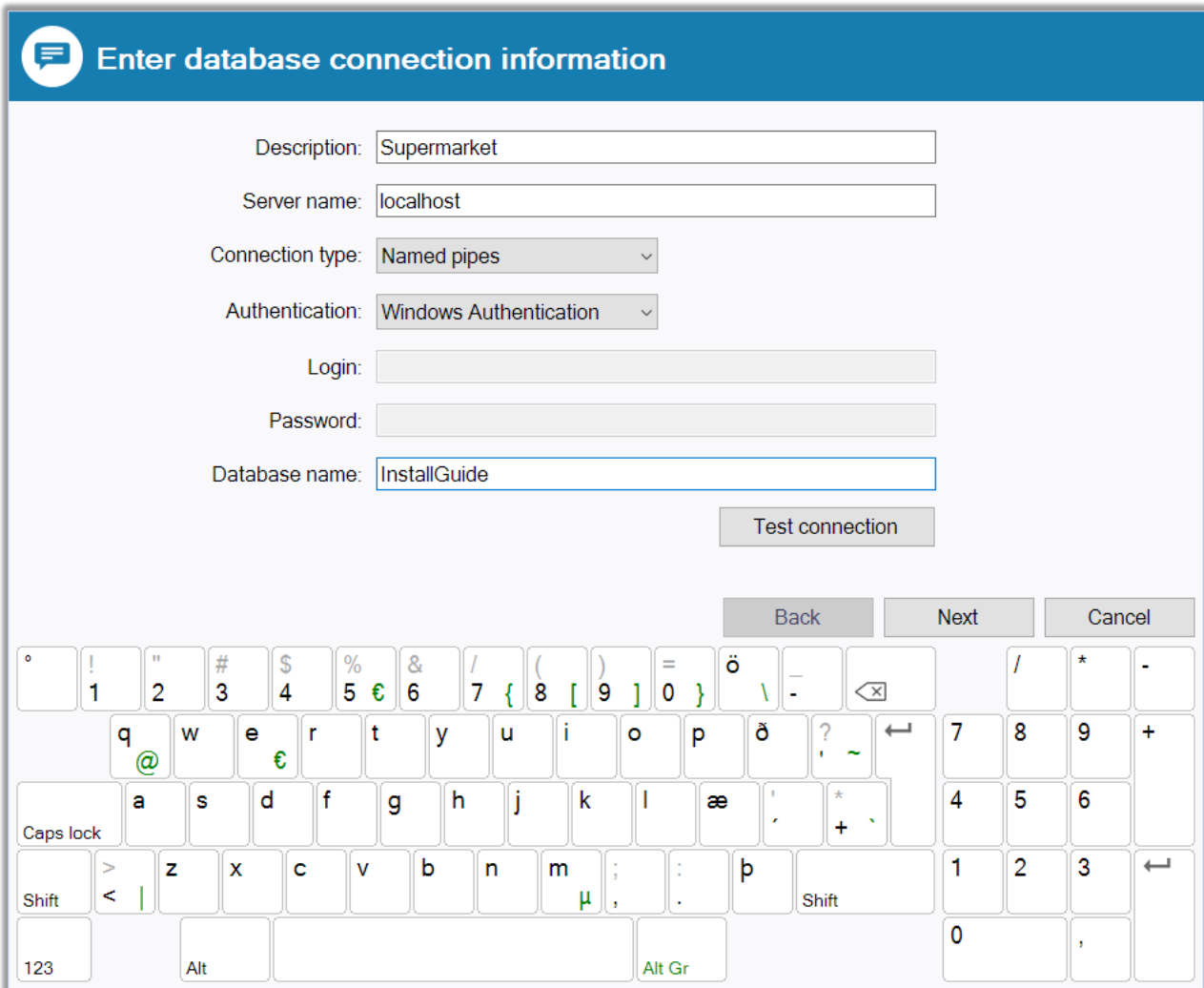## 3.7   Uninstalling Microsoft SQL Server Native Client

Open the control panel and double-click **Add remove programs**. Select the Microsoft SQL Server Native Client icon from the list press **Remove** and confirm by pressing **Yes**.

4 Getting started

4.1 Starting the POS

- At system startup, the POS application will start automatically.
- To start the POS on demand, click on the LS One POS icon on the desktop.
- If the POS is being started for the very first time (and no configuration file (pos.exe.config.xml) exists, the following dialog appears:

4.1.1 Image: Enter database connection information

If no database exists, enter a **Database name** and go to the next view by clicking **Next** button. If you have a database, enter the database name and click on button: **Test connection.** If successful, this message should come up:
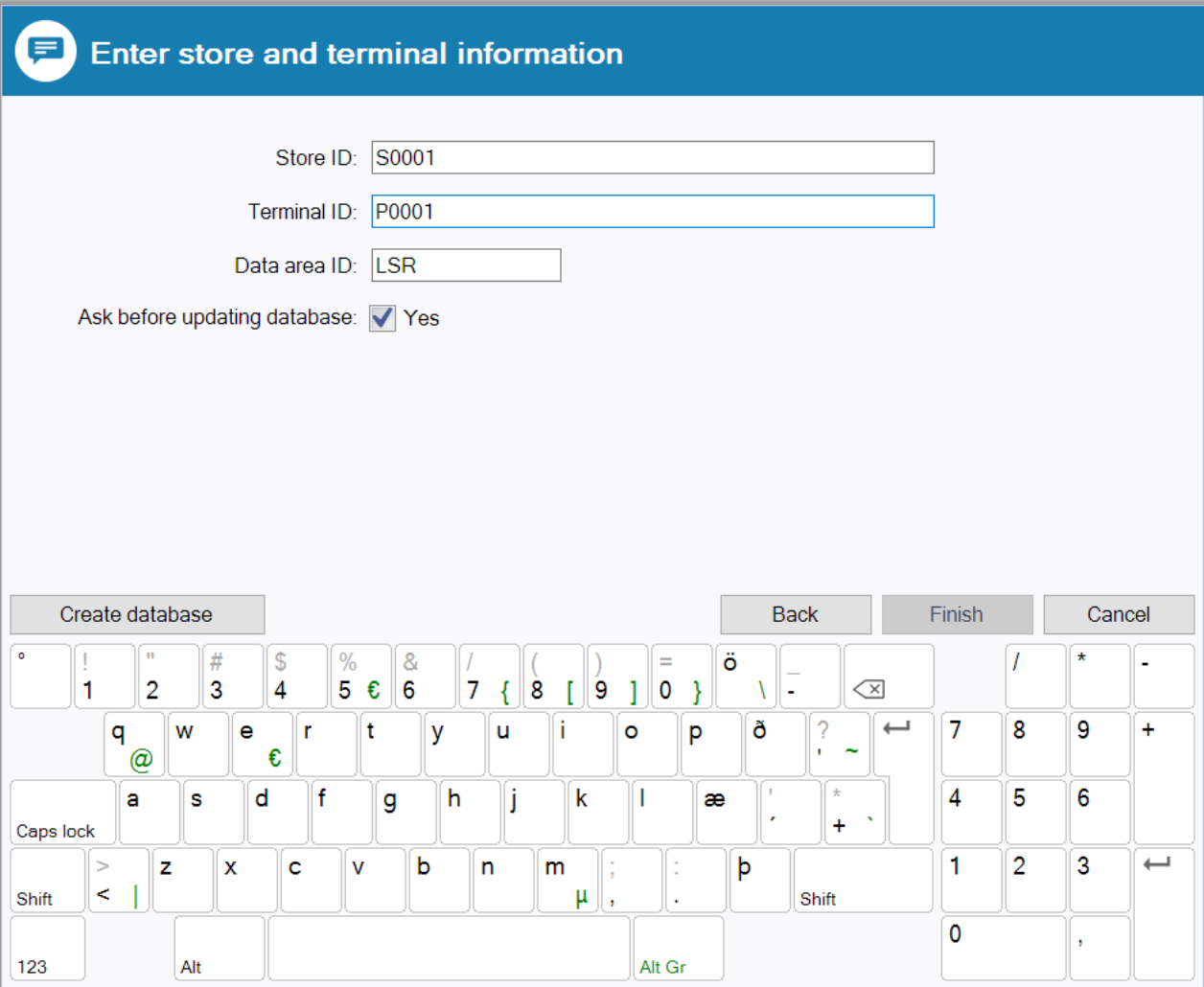
4.1.2 Image: Successful connection to database dialog
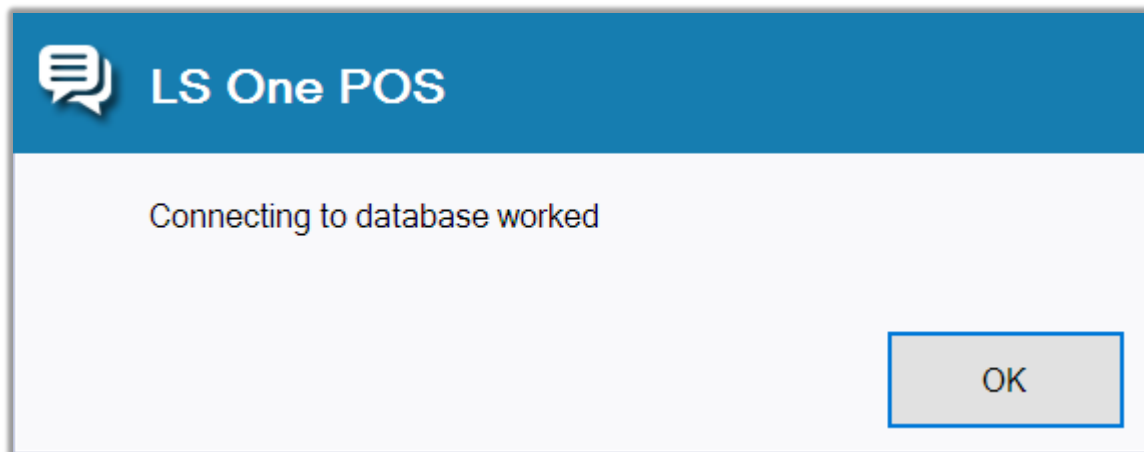
Click on **OK,** and then **Next** button.

The following window appears:

4.1.3 Image: Store and terminal information

Enter the Store, Terminal and Data area ID.

If you have a database, click the **Finish** button.

If you do not have a database, click **Create database** button. A progress dialog should appear.
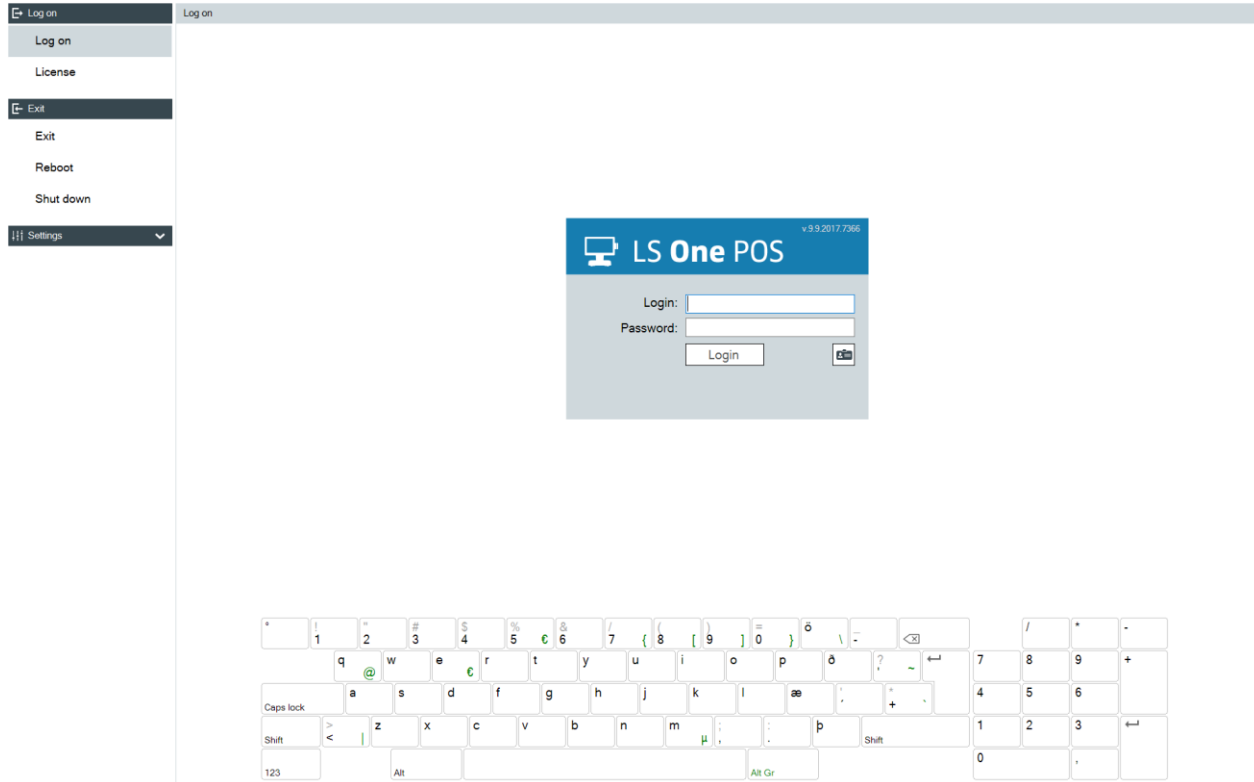
4.1.4   Image: Progress dialog
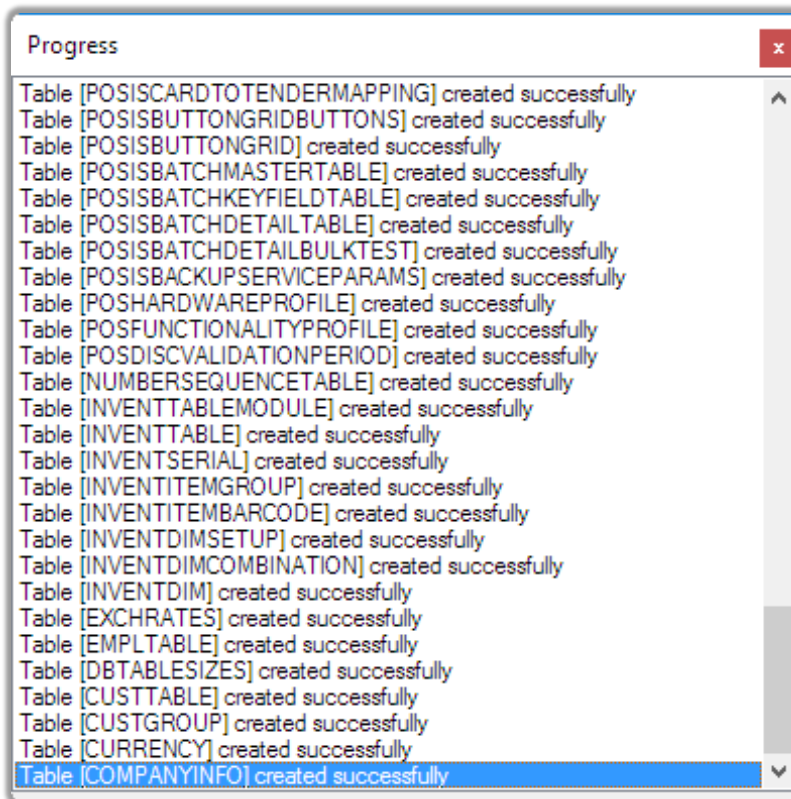
When the database has been created, select the **Finish** button.

4.2   Login to LS One POS

The POS will start automatically and this view will appear:

4.2.1   Image: POS view

Log in to the POS for the first time:
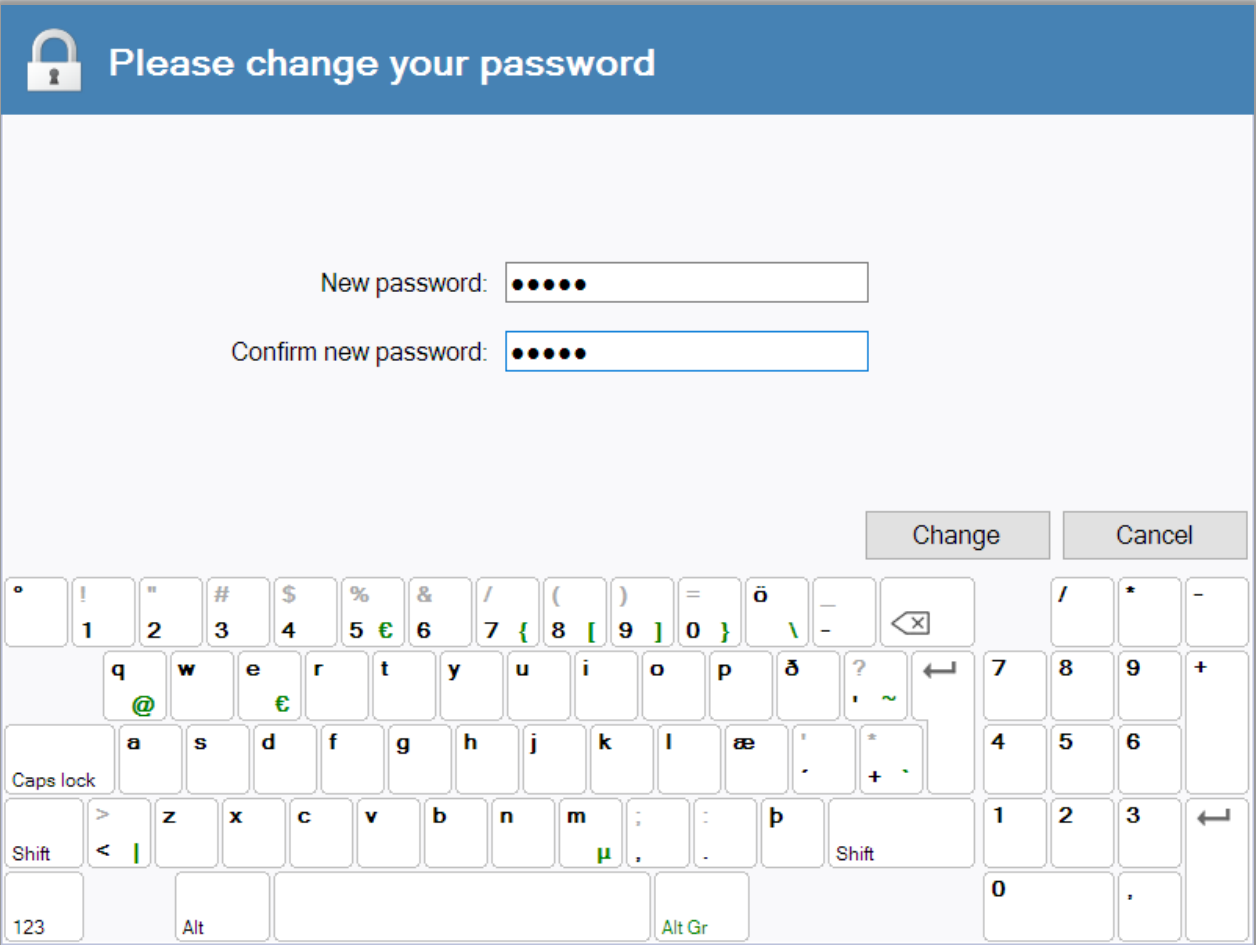
Login: admin

Password: 1234

A dialog will appear asking you to change your password.

4.2.2 Image: Change password dialog

If there was no pre-existing database, an error message will appear when you log in to the POS. You have to install the Site Manager and create the necessary data there.

See the *Install Site Manager Guide - LS One 2017.2* for further information.

4.3 POS starts with wrong values

Should the POS start with the wrong values, the best way is to run the **LS One POS (Maintenance Mode)** and edit your connection information.

4.3.1 Image: Manage database connections
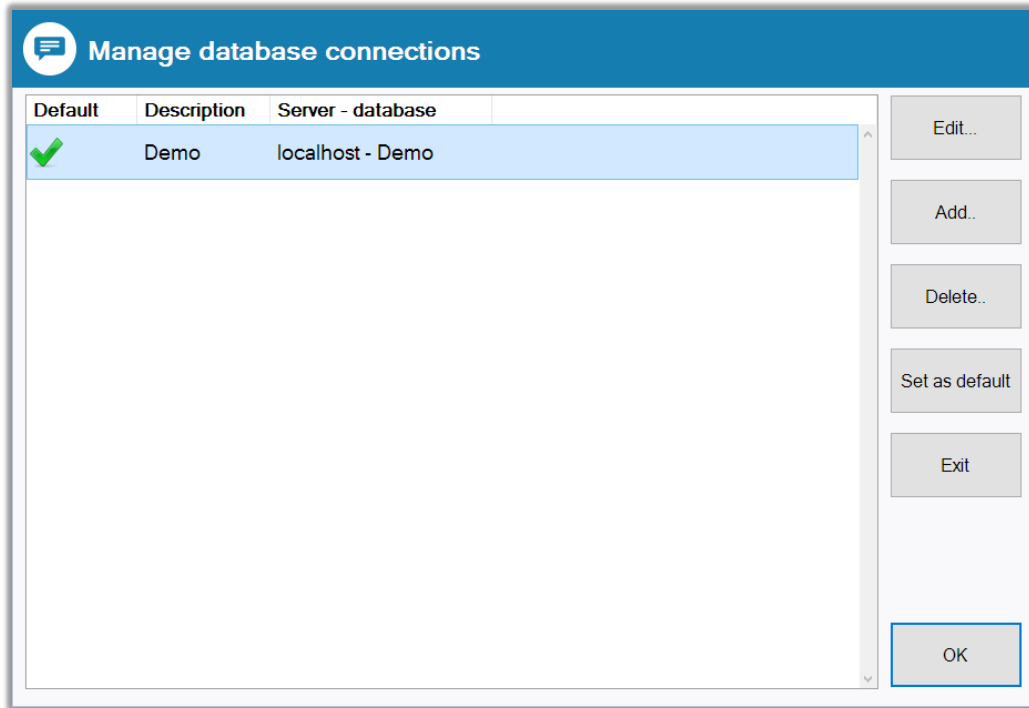
Select the connection you want to edit and press the **Edit** button. This will show you the **Enter database connection information** dialog from chapter **4.1.1.** The values you can change are as follows:

- Database name
  - The name of the database that will be created
- Server name
  - The complete <server>\<instance> to locate the SQL server
- Install path
  - Where the database files should be located. This should point to the .DATA folder for the selected database instance.
- Server is local SQL Express server
  - Select this checkbox if you intend to create the database on an SQL Express server. If the server is not installed, the POS will start the SQL Express installation.
- Authentication, User name, Password:
  - Use this to identify you to the database.
- Store ID
  - The ID of the store created by the Site Manager
- Terminal ID
  - The ID of the terminal created by the Site Manager
- Company ID
  - Table identifier ID. Usually a 3 digit acronym for the company.

- It is good practice to press the **Test connection** button in order to make sure the connection to the database works.
- Should the SQL Server Express 2014 need to be installed, that procedure will launch automatically. This may take a few minutes but the POS will start when it finishes.

Note that the POS will not start normally unless the necessary table data has been inserted. The most crucial data includes:
  - Store information
  - Terminal information
  - Staff information
  - Profiles
  - Touch-screen layout

5   Example: Performing the first sale

If you use the Demo Data and log into the LS One POS Supermarket Store, this view appears:

5.1.1   Image: LS One POS supermarket demo data view
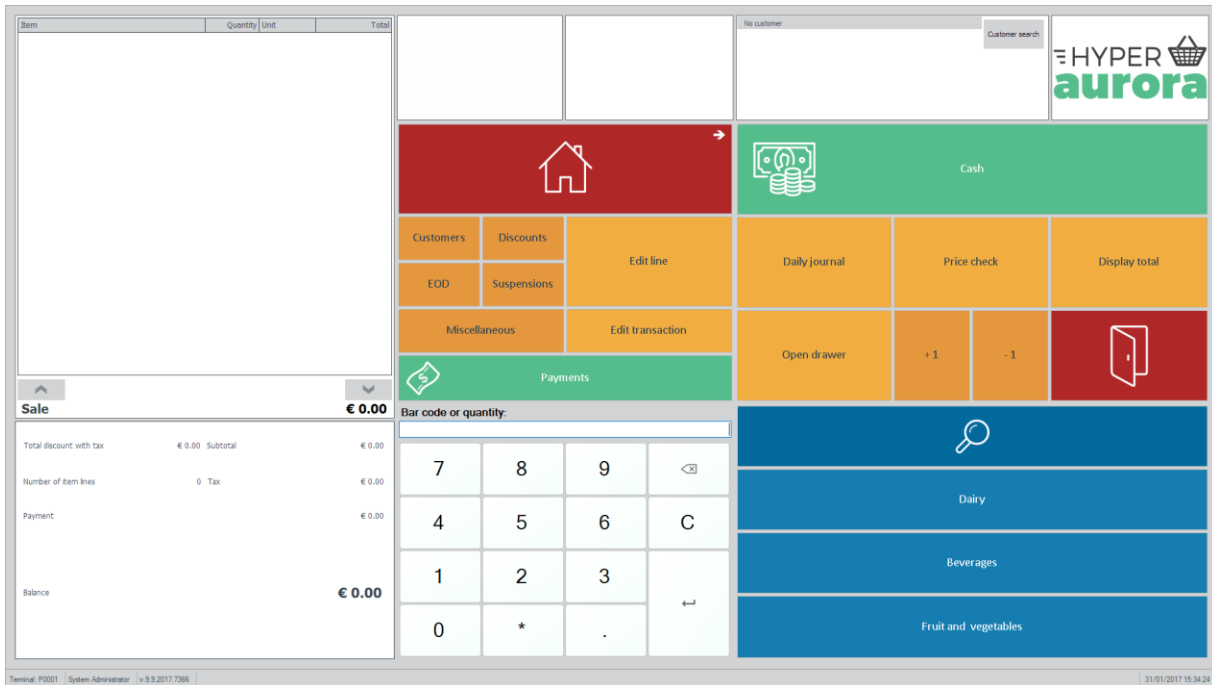
5.1.2   Image: LS One POS supermarket demo data part names
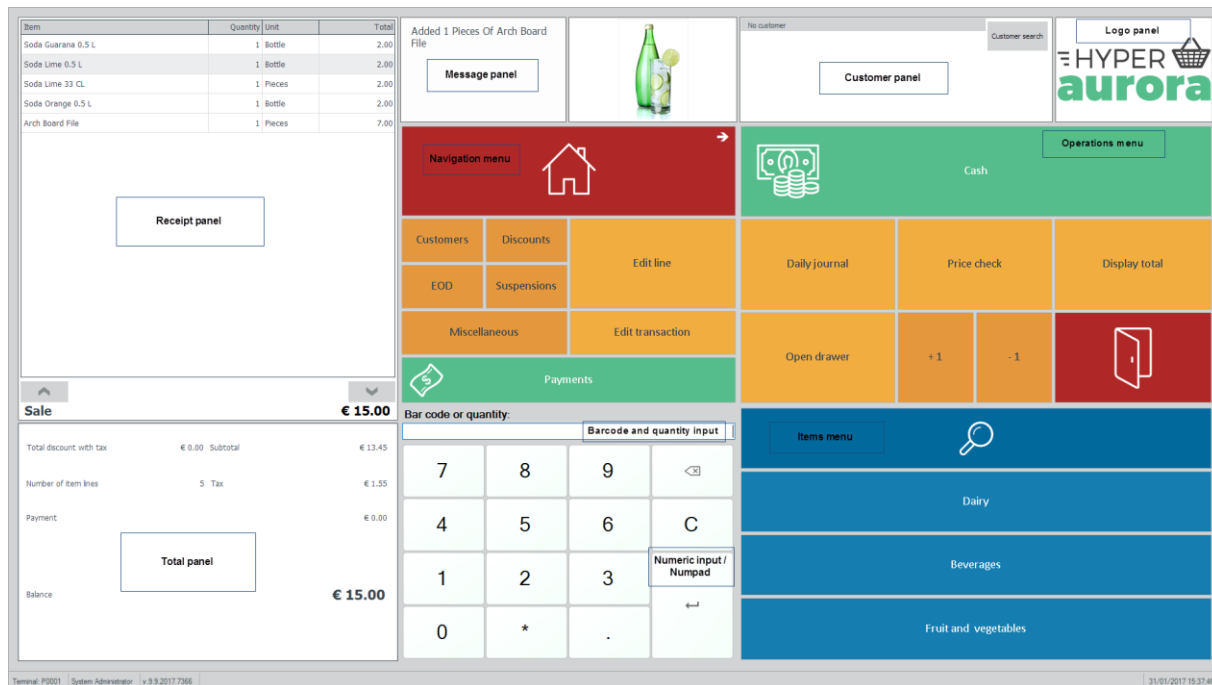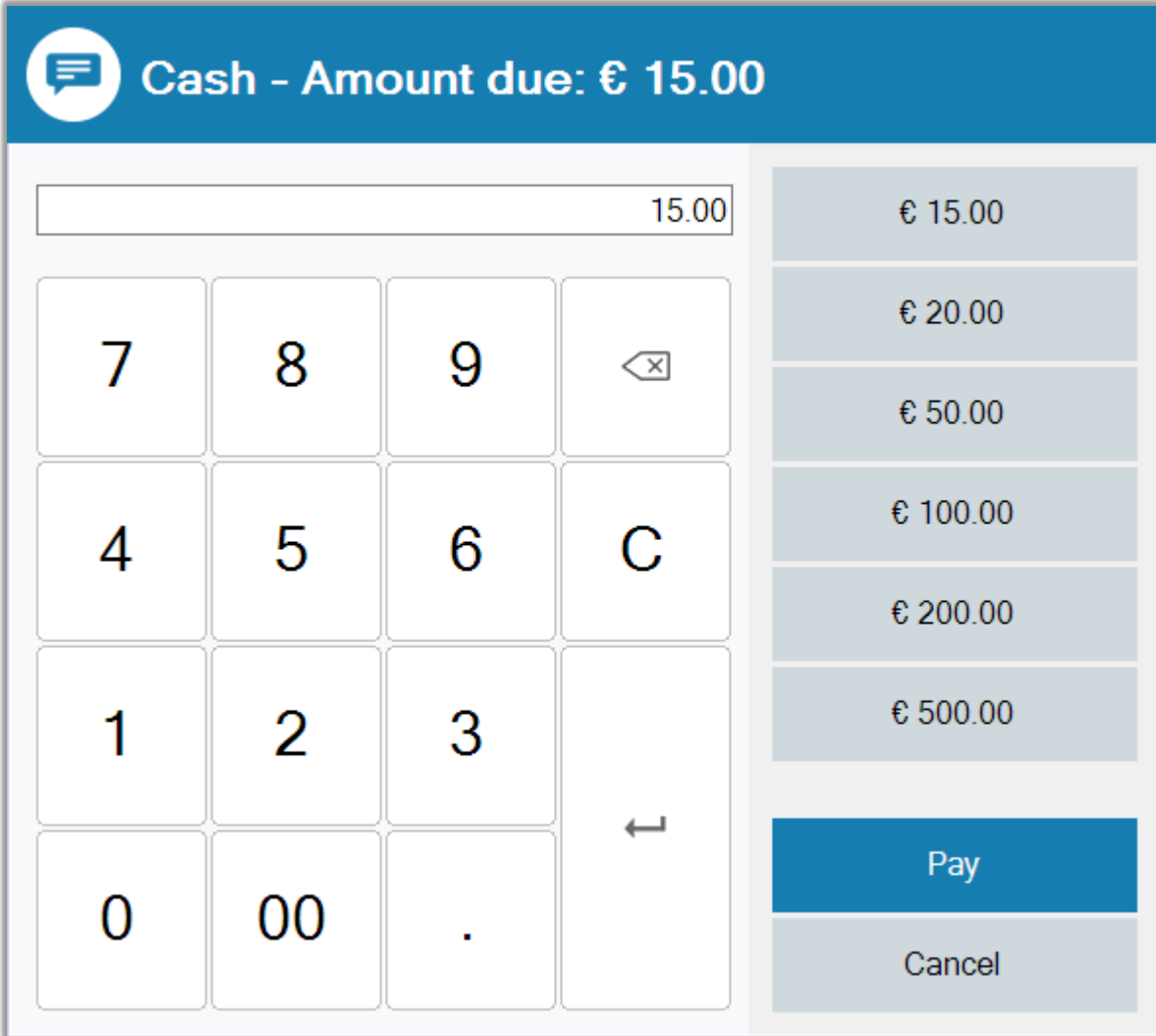
Please note that there are other panels available that are not visible in this layout.

LS Retail

5.2   Step by step sale

1. Press the **Item search** in the *Item Menu* and select an item.
2. Press the **CASH** button in the *Operations Menu* to sell the item.
3. The Cash Payment dialog will appear.

5.2.1   Image: Cash payment dialog

4. Press one of the quick payment buttons, on the right of the dialog, for example *€ 15,00*, or enter an amount with the number pad and press the *Pay* button.
5. The transaction is completed and the POS returns to its initial state.

6   Data missing

LS One POS will display an error message and exit if necessary data is missing.

6.1.1   Missing data dialog

An error occurred

A system error has occurred. The application will shut down.

Hide details   Close

System.InvalidOperationException: The terminal ID is missing from the application configuration
  at LSRetail.POS.POSSharedCore.Settings.LoadTerminalSettings(IConnectionManager entry) in C:\LSPOS\LSPOSN
  at LSRetail.POS.POSSharedCore.Settings.Load(IConnectionManager entry) in C:\LSPOS\LSPOSNET DEV\LSPOS
  at LSRetailPosis.POS.Program.frmLogOn_OnLogin(Object sender, LoginEventArguments e) in C:\LSPOS\LSPOSNE
  at LSRetailPosis.POS.Forms.LogOnForm.PageOperationPerformed(Object sender, LogonFormEventArguments e) in
  at LSRetail.Services.LoginPanel.Pages.LogOnPage.HandleLoginResults(LoginResult result) in C:\LSPOS\LSPOSN
  at LSRetail.Services.LoginPanel.Pages.LogOnPage.loginControl_OnLogin(Object sender, EventArgs e) in C:\LSPOS
  at LSRetail.Services.LoginPanel.Controls.LoginControl.btnLogin_Click(Object sender, EventArgs e) in C:\LSPOS\LS
  at LSRetail.Services.LoginPanel.Controls.LoginControl.tbPassword_KeyDown(Object sender, KeyEventArgs e) in C:\
  at System.Windows.Forms.Control.OnKeyDown(KeyEventArgs e)
  at System.Windows.Forms.Control.ProcessKeyEventArgs(Message& m)
  at System.Windows.Forms.Control.ProcessKeyMessage(Message& m)

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