



Site Service Installation Guide

LS One – 2017.2



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1 Introduction

1.1 The purpose of this document

The purpose of this document is to give a quick overview of LS One Site Service. The topics include installing the application, proper configuration, features and client (LS One POS) connections.

1.2 Functional overview

LS One Site Service gives LS One POS access to centralized data in real time, such as hospitality table statuses, centralized transaction suspension and centralized staff management. It also provides centralized gift card handling, and centralized loyalty point handling.

1.3 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.

1.4 Icons used in this guide



Tip



Note



Warning

2 Installation

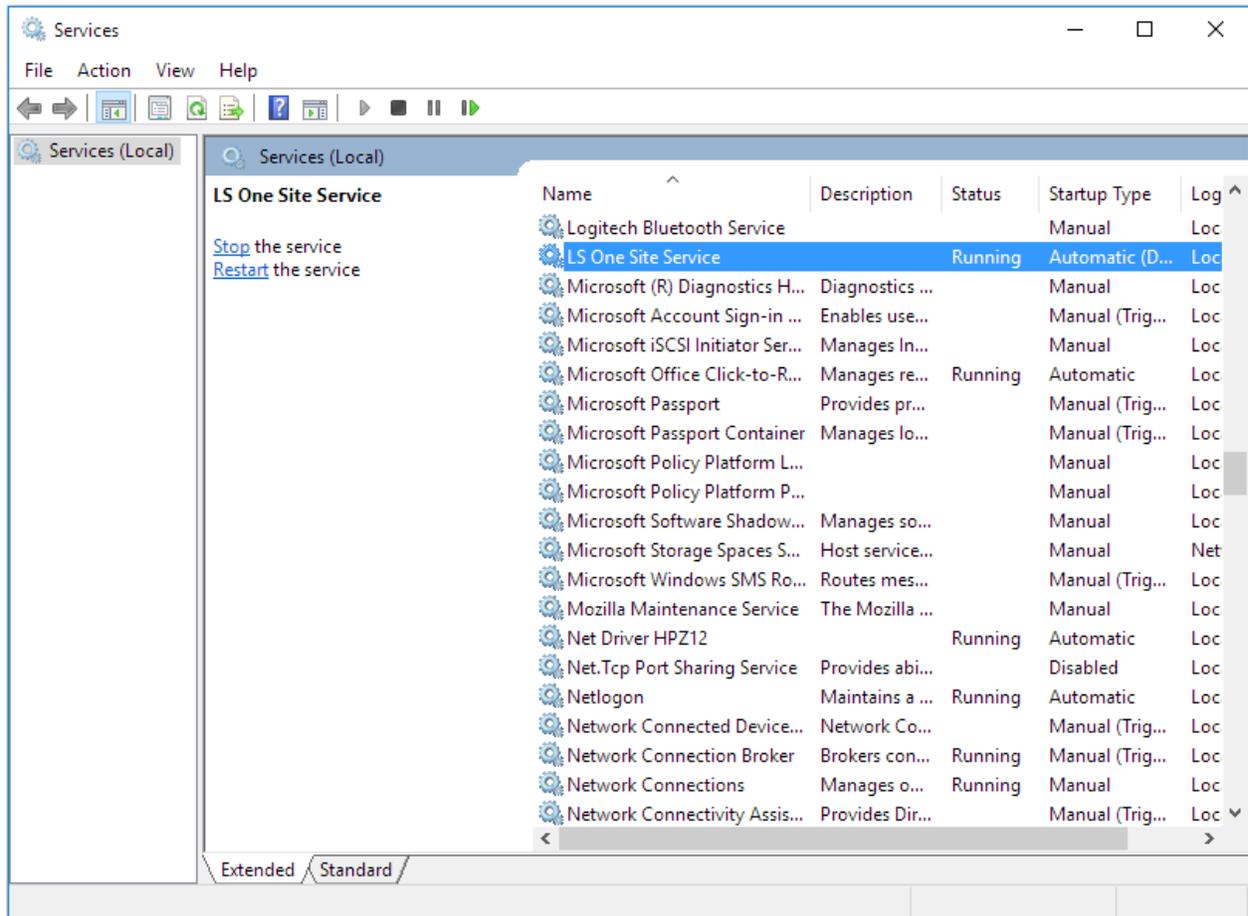
2.1 Installing LS One Site Service



LS One Site Service should be installed on the “Head office” level of the store where the Site Manager resides.

Run **LSOneSiteServiceInstall.exe** from the LS One Site Service setup package and accept all default choices suggested by the install wizard. When the installation is complete, please verify the installation by confirming that LS One Site Service has started in the list of available services on the computer. To verify this, please access the computer management and locate LS One Site Service in the list of started services.

2.1.1 Image: Services view

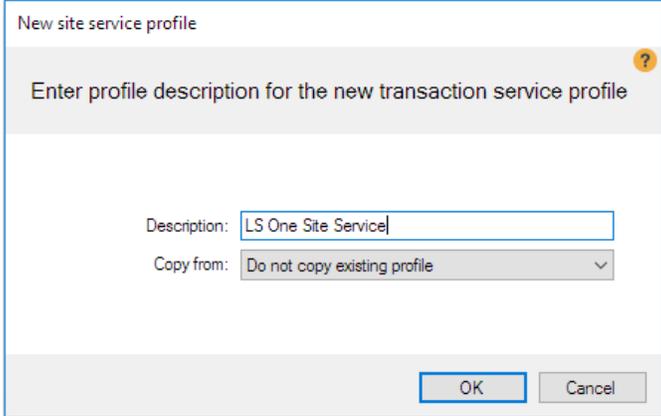


3 Configuration

To configure the LS One Site Service you need to either use the LS One Site Manager to configure the LS One Site Service, or manually edit the “*LS One Site Service.config*” configuration file.

3.1 Using LS One Site Manager

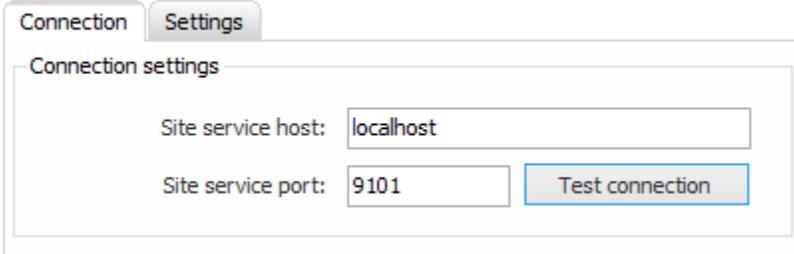
Under Store Setup -> Profiles -> Site service profiles, you can click on the  button to add a new Site Service profile.



The dialog box titled "New site service profile" contains the following elements:

- A header bar with the text "Enter profile description for the new transaction service profile" and a help icon (question mark in a circle).
- A text input field labeled "Description:" containing the text "LS One Site Service".
- A dropdown menu labeled "Copy from:" with the selected option "Do not copy existing profile".
- Two buttons at the bottom: "OK" and "Cancel".

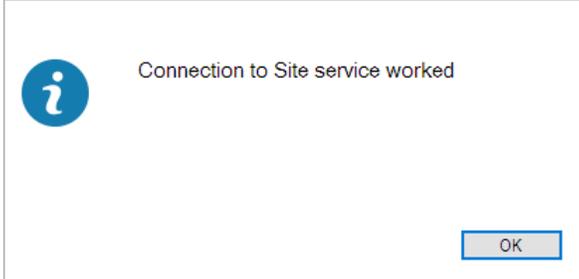
Once you click OK, you will be presented with the next screen where you can set up the connection. In the dialog below, the site service is set up on a local computer, but you can use an IP address or a configured machine name instead. The default port is 9101.



The "Connection settings" dialog box has two tabs: "Connection" and "Settings". The "Settings" tab is active. It contains the following elements:

- A text input field labeled "Site service host:" containing the text "localhost".
- A text input field labeled "Site service port:" containing the text "9101".
- A "Test connection" button.

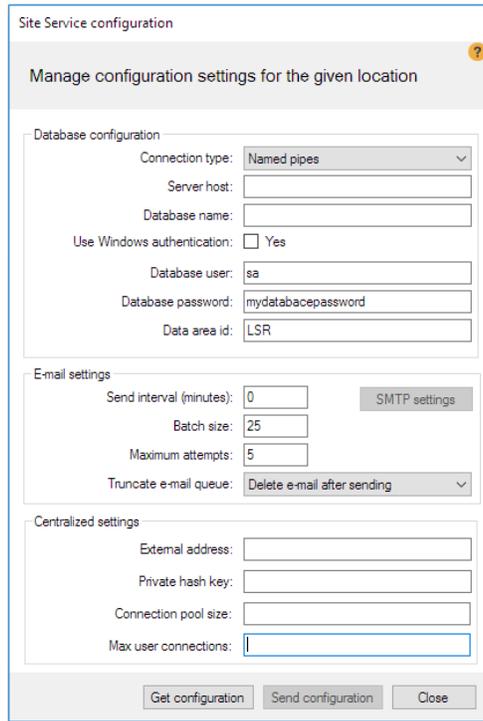
Start by making sure that you can reach the service using these settings, by clicking the Test connection button. You should see the following message dialog.



The message dialog box contains the following elements:

- An information icon (letter 'i' in a blue circle).
- The text "Connection to Site service worked".
- An "OK" button at the bottom right.

You then need to click the Configuration button to set up the configuration of the Site Service. Refer to the table in the next section for more information on each field.



The image shows a 'Site Service configuration' dialog box with the following sections and fields:

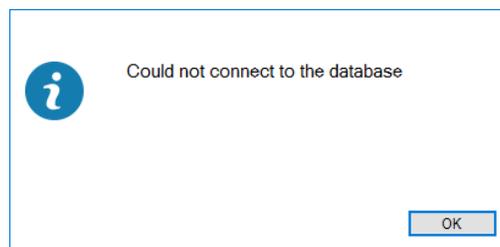
- Database configuration:**
 - Connection type: Named pipes (dropdown)
 - Server host: (text field)
 - Database name: (text field)
 - Use Windows authentication: Yes
 - Database user: sa (text field)
 - Database password: mydatabasepassword (text field)
 - Data area id: LSR (text field)
- Email settings:**
 - Send interval (minutes): 0 (text field)
 - Batch size: 25 (text field)
 - Maximum attempts: 5 (text field)
 - Truncate e-mail queue: Delete e-mail after sending (dropdown)
 - SMTP settings: (button)
- Centralized settings:**
 - External address: (text field)
 - Private hash key: (text field)
 - Connection pool size: (text field)
 - Max user connections: (text field)

Buttons at the bottom: Get configuration, Send configuration, Close.

If you have Windows authentication access to the database you are connecting to you can press the **Use Windows authentication** checkbox and leave out the **Database user** and **Database password**. This is often the case if you are running the site service on your current machine.

Once you have filled out all the fields, click on **Send configuration** to send the configuration data to the Site Service and restart the service. A restart of the service is required after each change.

Once you have sent the configurations, you can test the connection again. If you the database cannot be reached using the database configuration you entered you will get the message:



If you get this message, you need to review your database configuration and maybe change from windows to database user authentication.

3.2 Manual configuration

The configuration file is located by default in *C:\ProgramData\LS Retail\LS One Site Service*.

3.2.1 Image: Configuration text

```
<configuration>
  <appSettings>
    <add key="LogLevel" value="3" />
    <!-- ***** -->
    <!-- Settings that define if a synchronization service is used for dual displays and its timer interval -->
    <add key="UseDualDisplaySync" value="0" />
    <add key="DualDisplaySyncInterval" value="5" />
    <!-- ***** -->
    <!-- ***** -->
    <add key="DatabaseServer" value="localhost" />
    <add key="DatabaseWindowsAuthentication" value="true" />
    <add key="DatabaseUser" value="sa" />
    <add key="DatabasePassword" value="mydatabasepassword" />
    <add key="DatabaseName" value="mydatabase" />
    <!-- ***** -->
    <!-- DatabaseConnectionType can be one of the following: TCP/IP,Named pipes, Shared memory -->
    <!-- ***** -->
    <add key="DatabaseConnectionType" value="Named pipes" />
    <!-- ***** -->
    <!-- StoreControllerUser has to be created as a special server user on the Store Controller normal user will not work -->
    <add key="StoreControllerUser" value="StoreServerUser" />
    <add key="StoreControllerPassword" value="1234" />
    <add key="DataAreaID" value="LSR" />
    <add key="Port" value="9101" />
  </appSettings>
</configuration>
```



If using Windows 7 or later you need to start any editor as administrator to be able to change the configuration file.

After the configuration file has been changed, the LS One Site Service needs to be restarted.

The available settings in the “LS One Site Service.config” file are as follows:

Key	Default value
LogLevel	3
DatabaseName	mydatabase
DatabaseWindowsAuthentication	false
DatabaseUser	sa
DatabasePassword	mydatabasepassword
DatabaseName	mydatabase
DataBaseConnectionType	TCP/IP (Can also be Named pipes or Shared memory)
StoreControllerUser	StoreServerUser
StoreControllerPassword	1234
Port	9101

3.3 Common alterations:

- By default, only errors and exceptions are logged to the log file. To increase the amount of logging performed by the application, change the *LogLevel* settings to *1*. The log file (LSOneSiteService.log) is found in the install directory (see chapter 2.2).
- By default the service operates on port 9101. This can be changed by manipulating the *Port* setting.
- Database properties need to be set up. The settings parameters are exactly the same as in the Site Manager login configuration window.
- If using LS One Hosted environment then the Centralized settings need to be filled out.

4 LS One Site Service - Features

Currently the LS One Site Service contains features to give the LS One POS access to centralized data involving LS One Hospitality features, gift card features, loyalty point status, centralized suspension, centralized returns [and more](#).

5 Connecting the LS One POS

For the POS terminal to have access to LS Site Service, a Site Service profile needs to be configured and set on each terminal.

For more information on the [Site Service profile configuration](#) please go to the [LS One Online help](#)