PosPay client service installation and integration Windows

Documentation

Document information:	
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1   Changes

Change log:		
Date:	Description:	By:
2012-05-24	Initial version	Helge Dahl
2012-10-03	New installation guide for version 4.2.5	Stian Pettersen
2013-02-05	Modified for version 4.x.x	Helge Dahl
2013-05-10	Modified for version 4.6.x	Helge Dahl
2015-10-27	Modified for version 4.15.x	Stian Pettersen

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2 Introduction

This document describes the PosPay client service installation and configuration process for communication with Mynt terminals. In addition it contains basic "getting startet information" for integrating through the Java API.

3 Prerequisites

The following files are required:
- Myntinstaller-4.x.x-Win32.zip

The following files are optional
- pospay.properties

4 Installation

1. Unzip Myntinstaller-4.x.x-Win32.zip to a local folder.
2. Go to the newly created folder and execute target/ myntinstaller-4.x.x-Win32.exe. For Windows 7 and Windows Vista, execution must be performed with Administrator privileges.

3. Select installation path and click "Next".
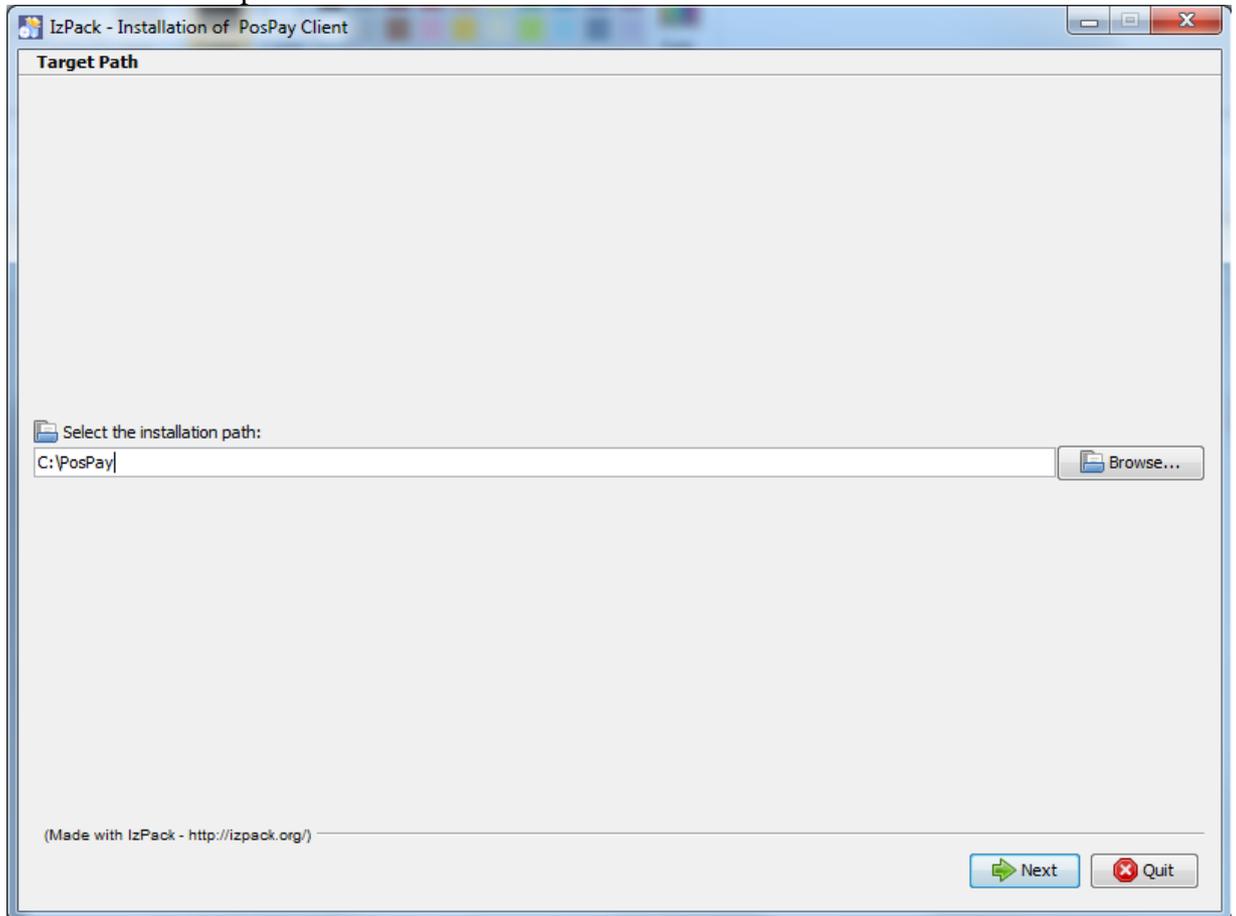
4.

5. Click "OK".
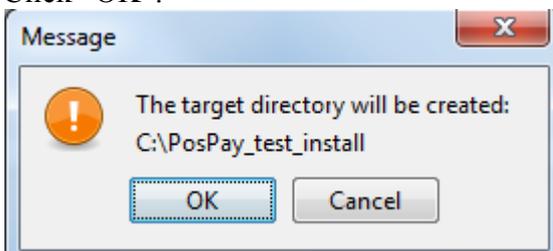
6. Enter merchant id and terminal id.

   Select terminal connection type USB or LAN. If you are installing for use with a LAN terminal, enter IP address of terminal. Leave port "as is" (default).

   Select connection type Normal is for WAN connections to PayEx host, SSL is for open internet connections.

   Leave desktop shortcut for support on default, yes. This will create a shortcut to TeamViewer.

   If you have a base configuration file for install (pospay.properties), select yes. In the next step browse your system and select the file. All properties specified in configuration file will be included in the created config.properties.

7. Click "Next".
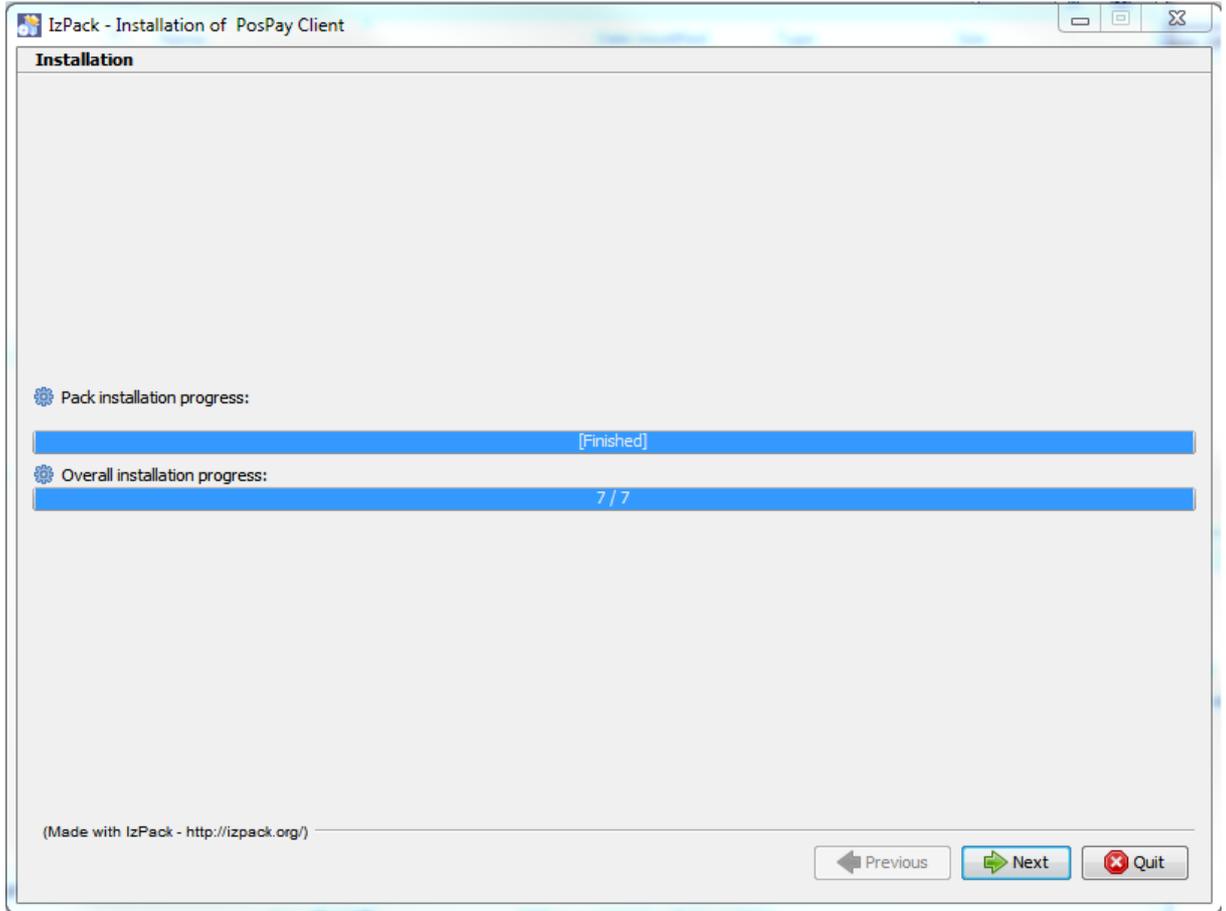
8. Click "Done".
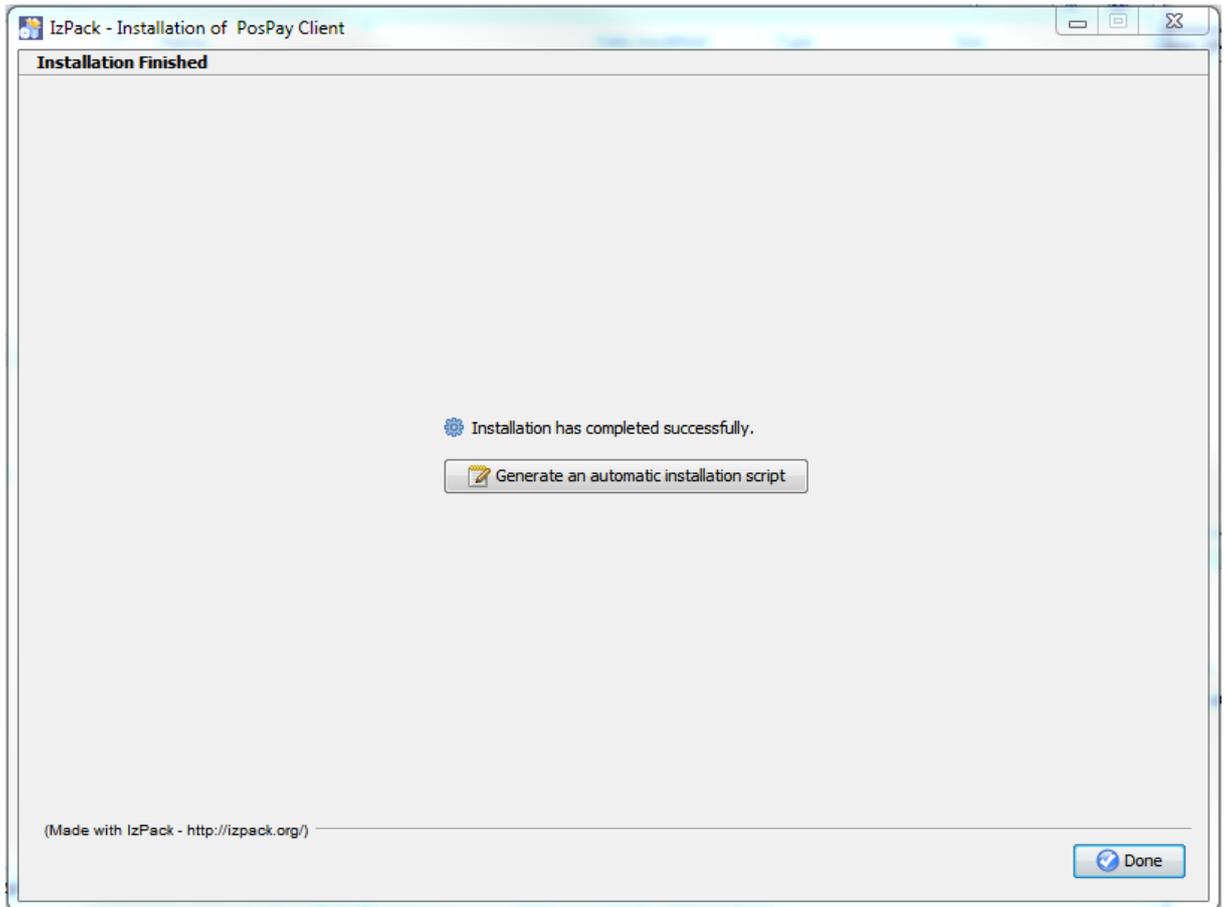
5   Upgrade

Upgrade is performed by the same installer and same execution method as install described in section 4. Select PosPay installation folder as installation path and installer will automatically detect the existing installation and perform an upgrade.

6   Silent install

Create an installation properties file, install.properties, containing the following properties:
INSTALL_PATH=<Application installation path (use / or \\ as directory separator)>
merchant-id=<Merchant id>
terminal-id=<Terminal id>
terminal-connection=<usb or lan>
ip-address=<Ip address of terminal>
port=<Terminal port>
pospay-properties=<PosPay properties file>
connection-type=<normal or ssl>
shortcut-selection=<0 or 1> (No – Yes)
select_config=<0 or 1>
pospay-properties=<config.properties file path (Only necessary if select_config=1>
javavm=<Fully qualified path to jvm jre. (Only necessary for installer with no JRE) >

Run myntinstaller-x.x.x-Win32.exe installer using the following command from preinstalled Java virtual machine: java –jar myntinstaller-x.x.x-Win32.exe –options install.properties

TIP - You can create an install.properties template file by issuing the following command:
java –jar myntinstaller-x.x.x-Win32.exe –options-template install-template.properties

7   Testing the installation

1. Start PosPayService from Windows service console.
2. Check logs for any errors.
3. Start <PPP_HOME>/bin/runPcPos.vbs. This will start the PCPos terminal test application.
4. Run a purchase transaction and verify that terminal behaves as expected.

8   Running the client service

During the installation process a Windows service named PosPayService is created. This Windows service controls the PosPay client service. Logs are written to <PPP_HOME/logs>. If for some reason the user logged on does not have permissions to start and stop windows services, a script can be used for execution. Add the parameter pospay.client.api.init.exec.nativeservice=false in <PPP_HOME>/config/api.properties to enable script execution.

The API components are able to control startup and shutdown of the PosPay client service. The default behaviour is to let API initialization and deinitialization control the lifecycle of the service. If however this is not the preferred behaviour, this can be disabled by setting the property pospay.client.api.init.use.pospayservice=false in <PPP_HOME>/config/api.properties. The service must then be manually started and stopped.

9   Integration with Java API

The Java API consists of the two jar files **pospay-client-api.jar** and **pospay-client-commons.jar**. In addition, several java library files must be included in classpath of the integrating virtual machine. All library files can be found in the sw/java folder of the PosPay installation. Following is a list of jar files on which the Java API depends:

- ezmorph.jar
- commons-beanutils.jar
- commons-codec-1.3.jar
- commons-collections.jar
- commons-lang-2.1.jar
- commons-logging.jar
- log4j.jar
- jdom.jar
- httpclient.jar
- httpcore.jar
- json-lib.jar

When executing the integrating virtual machine, set the following system property:
-DPPP_HOME=<POSPAY_INSTALL_HOME>

Refer to the document PosPay_Client_API_PA20.pdf for further integration details.