

EPSON DRIVER SILENT INSTALLATION AND DEVICES MANUAL SETTING

EPSON DRIVER SILENT INSTALLATION

If the USB connection is needed, install Epson TMUSB in silent mode, following the instructions below.

1. Open a command prompt as ADMINISTRATOR.
2. Type the directory path of the Epson TMUSB setup.exe, then type a space and then type "/quiet".
For example:
`"C:\TMUSB\Setup.exe" /quiet`
3. Press Enter.
The Setup program runs.

To install Epson driver in silent mode, follow the instructions below.

1. Open a command prompt as an ADMINISTRATOR.
2. Type the directory path of the Epson driver setup.exe, then type a space and then type "/quiet". For example:
`"C:\EpsonForFiscalSetup\Release_x64\setup.exe" /quiet`
3. Press Enter.
The Setup program runs.

DEVICES MANUAL SETTING

To generate and manage the four devices (CashDrawer, ElectronicJournal, FiscalPrinter, LineDisplay) without using SetupPOS program, perform the following operations, according to the environment.

JAVAPOS (x86/x64)

1. Modify the **jpos.xml** file according to your needs (see specific paragraph, with the description of the file contents and the example in the "example_files" folder) and place it in a folder visible from the application (current directory or classpath).
2. Modify the **RegSettings.xml** file according to your needs (see specific paragraph, with the description of the file contents and the examples in the "example_files" folder) and place it in the path C:\ProgramData\EPSON\UPOSDriverForFiscal\JavaPOS (or according to the system variable %ProgramData%).
3. If exists, delete the **IOModulePort.xml** file, which is located in the path C:\ProgramData\EPSON\IOModuleTest (or according to the system variable %ProgramData%). It will be automatically generated by the driver when it is first used.
4. Restart the system.
5. To verify that the installation and the devices setting have been successful, run the JavaPos sample test, contained in the driver installation folder.
When first used, the driver automatically generates the C:\ProgramData\EPSON\IOModuleTest\IOModulePort.xml file, which contains the specifications of the printer connection (for example, in case of USB, it automatically recovers the ID of the USB port).

It is recommended **NOT** to use the SetupPOS if you want to manually manage the device settings, because, in the specific case of JavaPos, the SetupPOS modifies the jpos113.jar, inserting the reference path of the jpos.xml to be used.

POS FOR .NET (x86/x64)

1. Modify the **RegSettings.xml** file according to your needs (see specific paragraph, with the description of the file contents and the examples in the "example_files" folder) and place it in the path C:\ProgramData\EPSON\UPOSDriverForFiscal\OPOS.NET (or according to the system variable %ProgramData%).
2. Modify the **Configuration.xml** file according to your needs (see specific paragraph, with the description of the file contents and the example in the "example_files" folder) and place it in the path C:\ProgramData\Microsoft\Point Of Service\Configuration (or according to the system variable %ProgramData%).

3. If exists, delete the **IOModulePort.xml** file, which is located in the path
C:\ProgramData\EPSON\IOModuleTest (or according to the system variable %ProgramData%). It
will be automatically generated by the driver when it is first used.
4. Restart the system.
5. To verify that the installation and the devices setting have been successful, run the DotNet sample
test, contained in the driver installation folder.
When first used, the driver automatically generates the
C:\ProgramData\EPSON\IOModuleTest\IOModulePort.xml file, which contains the specifications of
the printer connection (for example, in case of USB, it automatically recovers the ID of the USB port).

OPOS (x86)

1. According to the system (32 or 64 bit), modify the **OposData_x86.reg** / **OposData_x64.reg** file
according to your needs (see specific paragraph, with the description of the file contents and the
examples in the "example_files" folder).
2. Open a command prompt as ADMINISTRATOR.
3. Type "REG IMPORT", then type a space, then type the directory path of the OposData.reg.
For example, for 32 bit system type:

```
REG IMPORT "C:\Epson\DevicesManualSetting\OposData_x86.reg"
```


For example, for 64 bit system type:

```
REG IMPORT "C:\Epson\DevicesManualSetting\OposData_x64.reg"
```
4. Press Enter.
The import of registry keys starts.
5. Modify the **RegSettings.xml** file according to your needs (see specific paragraph, with the
description of the file contents and the examples in the "example_files" folder) and place it in the
path C:\ProgramData\EPSON\UPOSDriverForFiscal\OPOS (or according to the system variable
%ProgramData%).
6. If exists, delete the **IOModulePort.xml** file, which is located in the path
C:\ProgramData\EPSON\IOModuleTest (or according to the system variable %ProgramData%). It
will be automatically generated by the driver when it is first used.
7. Restart the system.
8. To verify that the installation and the devices setting have been successful, run the Opos sample
test, contained in the driver installation folder.
When first used, the driver automatically generates the
C:\ProgramData\EPSON\IOModuleTest\IOModulePort.xml file, which contains the specifications of
the printer connection (for example, in case of USB, it automatically recovers the ID of the USB port).

FILES DESCRIPTION

RegSettings.xml

Scheme and description of the file.

The file differs depending on the type of connection used (serial, usb or wired) and, for the FiscalPrinter device, has specific properties.

Serial connection

```
<?xml version="1.0" encoding="utf-8"?>
<RegSettings>
  <DeviceInformation>
    <CategorySetting Name="" Version="">
      <DeviceSetting Device="" LDN="" Desc="">
        <PropertySetting>
          <Property Name="FixedPaymentLine" Value=""/>
          <Property Name="ZPlusDayTotal" Value=""/>
          <Property Name="PrintQtyIfOne" Value=""/>
          <Property Name="FPPollStatus" Value=""/>
          <Property Name="EJPollStatus" Value=""/>
          <Property Name="CDPollStatus" Value=""/>
          <Property Name="CDAutoOpen" Value=""/>
          <Property Name="PrinterOverwrite" Value=""/>
          <Property Name="CashPosID" Value=""/>
        </PropertySetting>
        <PortSetting Value="Serial">
          <FlowControl Value="3"/>
          <StopBits Value="0"/>
          <DataBits Value="8"/>
          <Parity Value="0"/>
          <OutputBufferSize Value="4096"/>
          <BaudRate Value="57600"/>
          <PortName Value="COM1"/>
        </PortSetting>
      </DeviceSetting>
    </CategorySetting>
  </DeviceInformation>
  <CommonInformation>
    <CommonProperty Name="TraceFileMaxSize" Value=""/>
    <CommonProperty Name="TraceFileName" Value=""/>
    <CommonProperty Name="TraceEnable" Value=""/>
  </CommonInformation>
</RegSettings>
```

USB connection

```
<?xml version="1.0" encoding="utf-8"?>
<RegSettings>
  <DeviceInformation>
    <CategorySetting Name="" Version="">
      <DeviceSetting Device="" LDN="" Desc="">
        <PropertySetting>
          <Property Name="FixedPaymentLine" Value=""/>
          <Property Name="ZPlusDayTotal" Value=""/>
          <Property Name="PrintQtyIfOne" Value=""/>
          <Property Name="FPPollStatus" Value=""/>
          <Property Name="EJPollStatus" Value=""/>
          <Property Name="CDPollStatus" Value=""/>
          <Property Name="CDAutoOpen" Value=""/>
          <Property Name="PrinterOverwrite" Value=""/>
        </PropertySetting>
      </DeviceSetting>
    </CategorySetting>
  </DeviceInformation>
  <CommonInformation>
    <CommonProperty Name="TraceFileMaxSize" Value=""/>
    <CommonProperty Name="TraceFileName" Value=""/>
    <CommonProperty Name="TraceEnable" Value=""/>
  </CommonInformation>
</RegSettings>
```

```

        <Property Name="CashPosID" Value=""/>
    </PropertySetting>
    <PortSetting Value="">
        <PortName Value=""/>
    </PortSetting>
</DeviceSetting>
</CategorySetting>
</DeviceInformation>
<CommonInformation>
    <CommonProperty Name="TraceFileMaxSize" Value=""/>
    <CommonProperty Name="TraceFileName" Value=""/>
    <CommonProperty Name="TraceEnable" Value=""/>
</CommonInformation>
</RegSettings>

```

Wired connection

```

<?xml version="1.0" encoding="utf-8"?>
<RegSettings>
    <DeviceInformation>
        <CategorySetting Name="" Version="">
            <DeviceSetting Device="" LDN="" Desc="">
                <PropertySetting>
                    <Property Name="FixedPaymentLine" Value=""/>
                    <Property Name="ZPlusDayTotal" Value=""/>
                    <Property Name="PrintQtyIfOne" Value=""/>
                    <Property Name="FPPollStatus" Value=""/>
                    <Property Name="EJPollStatus" Value=""/>
                    <Property Name="CDPollStatus" Value=""/>
                    <Property Name="CDAutoOpen" Value=""/>
                    <Property Name="PrinterOverwrite" Value=""/>
                    <Property Name="CashPosID" Value=""/>
                </PropertySetting>
                <PortSetting Value="">
                    <IPAddress Value=""/>
                    <PortName Value=""/>
                </PortSetting>
            </DeviceSetting>
        </CategorySetting>
    </DeviceInformation>
    <CommonInformation>
        <CommonProperty Name="TraceFileMaxSize" Value=""/>
        <CommonProperty Name="TraceFileName" Value=""/>
        <CommonProperty Name="TraceEnable" Value=""/>
    </CommonInformation>
</RegSettings>

```

For each device that you want to use (CashDrawer, ElectronicJournal, FiscalPrinter, LineDisplay) an entire <CategorySetting> node must be created.

COMMON FILEDS

<CategorySetting Name="" Version="">

Field name	Field type	Field value
Name	chosen from a fixed list	assign the specific class, based on the type of device CashDrawer = CashDrawer ElectronicJournal = ElectronicJournal FiscalPrinter = FiscalPrinter LineDisplay = LineDisplay
Version	fixed	01.13.00

<DeviceSetting Device="" LDN="" Desc="">

Field name	Field type	Field value
Device	chosen from a fixed list	Assign the specific value, according to the model of the device. In case of JavaPOS environment, it must match the one assigned in the jpos.xml. In case of DotNet environment, it must match the one assigned in the Configuration.xml. In case of Opos environment, it must match the one assigned in the OposData.reg. CashDrawer = FP-90IICD / FP-90IIICD / FP-81CD / FP-81IICD ElectronicJournal = FP-90IIEJ / FP-90IIIEJ / FP-81EJ / FP-81IIIEJ FiscalPrinter = FP-90II / FP-90III / FP-81 / FP-81II LineDisplay = FP-90IILD / FP-90IIILD / FP-81LD / FP-81IILD
LDN	variable	Logical name to assign to the device (must be different for each device). In case of JavaPOS environment, it must match the one assigned in the jpos.xml. In case of DotNet environment, it must match the one assigned in the Configuration.xml. In case of Opos environment, it must match the one assigned in the OposData.reg.
Desc	chosen from a fixed list	assign the specific value, based on the model of the device. In case of JavaPOS environment, it must match the one assigned in the jpos.xml. In case of DotNet environment, it must match the one assigned in the Configuration.xml. CashDrawer = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II CashDrawer ElectronicJournal = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II ElectronicJournal FiscalPrinter = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II FiscalPrinter LineDisplay = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II LineDisplay

<CommonProperty Name="TraceFileMaxSize" Value=""/>

Field name	Field type	Field value
Value	variable	assign the maximum number of bytes that can reach the trace file

<CommonProperty Name="TraceFileName" Value=""/>

Field name	Field type	Field value
Value	variable	Assign the path and the name of the trace file (eg "trace.log")

<CommonProperty Name="TraceEnable" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not to enable the generation of the trace file Trace enabled = TRUE

		Trace disabled = FALSE
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ONLY FOR FISCAL PRINTER

<Property Name="**FixedPaymentLine**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not to enable the management of the fixed description of payments Fixed payments enabled = TRUE Fixed payments disabled = FALSE

<Property Name="**ZPlusDayTotal**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not enable printing of the X report together with Z report X report printing enabled = TRUE X report printing disabled = FALSE

<Property Name="**PrintQtyIfOne**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not to enable the printing of the quantity line if the quantity corresponds to only one unit Print quantity if 1 enabled = TRUE Print quantity if 1 disabled = FALSE

<Property Name="**FPPollStatus**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not to enable polling on the status of the FiscalPrinter Polling enabled = TRUE Polling disabled = FALSE

<Property Name="**EJPollStatus**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not to enable polling on the status of the ElectronicJournal Polling enabled = TRUE Polling disabled = FALSE

<Property Name="**CDPollStatus**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not to enable polling on the status of the CashDrawer Polling enabled = TRUE Polling disabled = FALSE

<Property Name="**CDAutoOpen**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not to enable automatic opening of the drawer at the end of the receipt Automatic opening enabled = TRUE Automatic opening disabled = FALSE

<Property Name="**PrinterOverwrite**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify whether or not to enable overwriting of display messages generated automatically by the printer Overwriting enabled = TRUE Overwriting disabled = FALSE

<Property Name="**CashPosID**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	specify the printer ID number, from 001 to 999

SERIAL CONNECTION

<**PortSetting** Value=""/>

Field name	Field type	Field value
Value	fixed	Serial

<**FlowControl** Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	assign the specific value, based on the FlowControl to be used Xon/Xoff = 1 DTR/DSR = 2 RTS/CTS = 3

<**StopBits** Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	assign the specific value, based on the StopBits to be used 1bit = 0 1,5bit = 1 2bit = 2

<**DataBits** Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	assign the specific value, based on the DataBits to be used

		7bit = 7 8bit = 8
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<**Parity** Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	assign the specific value, based on the Parity to be used None = 0 Odd = 1 Even = 2

<**OutputBufferSize** Value=""/>

Field name	Field type	Field value
Value	fixed	4096

<**BaudRate** Value="57600"/>

Field name	Field type	Field value
Value	chosen from a fixed list	assign the BaudRate value, between one of the following: 9600 – 19200 – 38400 – 57600 – 115200

<**PortName** Value=""/>

Field name	Field type	Field value
Value	variable	assign the serial port to be used (for example "COM1")

USB CONNECTION

<**PortSetting** Value="">

Field name	Field type	Field value
Value	fixed	USB

<**PortName** Value=""/>

Field name	Field type	Field value
Value	variable	assign the "USB1" port, making sure that NO OTHER Epson USB devices are connected to the system

WIRED CONNECTION

<**PortSetting** Value="">

Field name	Field type	Field value
Value	fixed	Wired

<**IPAddress** Value=""/>

Field name	Field type	Field value
Value	variable	assign the IP address to be used (for example "192.168.1.250")

<**PortName** Value=""/>

Field name	Field type	Field value
Value	variable	assign the IP address to be used (for example "192.168.1.250")

jpos.xml (only for JavaPos)

Scheme and description of the file.

```
<?xml version="1.0" encoding="UTF-8"?>
<JposEntries>
  <JposEntry logicalName="">
    <creation factoryClass="" serviceClass=""/>
    <vendor name="" url=""/>
    <jpos category="" version=""/>
    <product description="" name="" url=""/>
    <prop name="PhysicalDevice" type="String" value=""/>
    <prop name="DeviceDesc" type="String" value=""/>
    <prop name="DriverName" type="String" value=""/>
    <prop name="InstallFolderPath" type="String" value=""/>
  </JposEntry>
</JposEntries>
```

For each device that you want to use (CashDrawer, ElectronicJournal, FiscalPrinter, LineDisplay) an entire `<JposEntry>` node must be created.

Pay particular attention to the correctness of the "InstallFolderPath" parameter.

<JposEntry logicalName="">

Field name	Field type	Field value
logicalName	variable	logical name to assign to the device (must be different for each device)

<creation factoryClass="" serviceClass=""/>

Field name	Field type	Field value
factoryClass	fixed	jp.co.epson.FiscalDriver.EpsonJposFiscalServiceInstanceFactory
serviceClass	chosen from a fixed list	assign the specific class, based on the type of device - CashDrawer = jp.co.epson.FiscalDriver.CashDrawer.CommonCashDrawerService - ElectronicJournal = jp.co.epson.FiscalDriver.EJ.CommonEJService - FiscalPrinter = jp.co.epson.FiscalDriver.FiscalPrinter.CommonFiscalPrinterService - LineDisplay = jp.co.epson.FiscalDriver.LineDisplay.CommonLineDisplayService

<vendor name="" url=""/>

Field name	Field type	Field value
name	fixed	SEIKO EPSON
url	fixed	empty ("")

<jpos category="" version=""/>

Field name	Field type	Field value
category	chosen from a fixed list	assign the specific class, based on the type of device - CashDrawer = CashDrawer - ElectronicJournal = ElectronicJournal

		- FiscalPrinter = FiscalPrinter - LineDisplay = LineDisplay
version	fixed	01.13.00

<product description="" name="" url=""/>

Field name	Field type	Field value
description	chosen from a fixed list	assign the specific class, based on the type of device - CashDrawer = EPSON CashDrawer Device Service - ElectronicJournal = EPSON ElectronicJournal Device Service - FiscalPrinter = EPSON FiscalPrinter Device Service - LineDisplay = EPSON LineDisplay Device Service
name	fixed	EPSON Services for JavaPOS(TM) Standard
url	fixed	empty ("")

<prop name="PhysicalDevice" type="String" value=""/>

Field name	Field type	Field value
value	chosen from a fixed list	assign the specific class, based on the device's model - CashDrawer = FP-90IICD / FP-90IIICD / FP-81CD / FP-81IICD - ElectronicJournal = FP-90IIIEJ / FP-90IIIEJ / FP-81EJ / FP-81IIIEJ - FiscalPrinter = FP-90II / FP-90III / FP-81 / FP-81II - LineDisplay = FP-90IILD / FP-90IIILD / FP-81LD / FP-81IIILD

<prop name="DeviceDesc" type="String" value=""/>

Field name	Field type	Field value
value	chosen from a fixed list	assign the specific class, based on the device's model - CashDrawer = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II CashDrawer - ElectronicJournal = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II ElectronicJournal - FiscalPrinter = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II FiscalPrinter - LineDisplay = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II LineDisplay

<prop name="DriverName" type="String" value=""/>

Field name	Field type	Field value
value	fixed	EPSON UPOS FiscalDriver

<prop name="InstallFolderPath" type="String" value=""/>

Field name	Field type	Field value
value	variable	full installation path to the driver root folder (for example "C:\Program Files\EPSON\UPOSDriverForFiscalJavaPOS")

Configuration.xml (only for Pos for .NET)

Scheme and description of the file.

```
<?xml version="1.0" encoding="utf-8"?>
<PointOfServiceConfig Version="1.0">
  <ServiceObject Type="" Name="">
    <Device HardwarePath="">
      <LogicalName Name=""/>
      <Property Name="DeviceDesc" Value=""/>
      <Property Name="DriverName" Value=""/>
      <Property Name="InstallFolderPath" Value=""/>
      <Property Name="PhysicalDevice" Value=""/>
      <Property Name="LogicalName" Value=""/>
    </Device>
  </ServiceObject>
</PointOfServiceConfig>
```

For each device that you want to use (CashDrawer, ElectronicJournal, FiscalPrinter, LineDisplay) an entire <ServiceObject> node must be created.

<ServiceObject Type="" Name="">

Field name	Field type	Field value
Type	chosen from a fixed list	assign the specific category, based on the type of device CashDrawer = CashDrawer ElectronicJournal = ElectronicJournal FiscalPrinter = FiscalPrinter LineDisplay = LineDisplay
Name	chosen from a fixed list	assign the specific category name, based on the type of device CashDrawer = EPSON CashDrawer ElectronicJournal = EPSON ElectronicJournal FiscalPrinter = EPSON FiscalPrinter LineDisplay = EPSON LineDisplay

<Device HardwarePath="">

Field name	Field type	Field value
HardwarePath	variable	assign the value of the connection, depending on the type. For example: Serial = COM1 USB = USB1 Wired = 192.168.1.250

<LogicalName Name=""/>

Field name	Field type	Field value
Name	variable	logical name to assign to the device (must be different for each device)

<Property Name="DeviceDesc" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	assign the specific value, based on the model of the device CashDrawer = UPOS Framework FP-90II / FP-90III / FP-81 /

		FP-81II CashDrawer ElectronicJournal = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II ElectronicJournal FiscalPrinter = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II FiscalPrinter LineDisplay = UPOS Framework FP-90II / FP-90III / FP-81 / FP-81II LineDisplay
--	--	---

<Property Name="**DriverName**" Value=""/>

Field name	Field type	Field value
Value	fixed	EPSON UPOS Fiscal Driver

<Property Name="**InstallFolderPath**" Value=""/>

Field name	Field type	Field value
Value	variable	full installation path to the driver root folder (for example "C:\Program Files\EPSON\UPOSDriverForFiscal\OPOS.NET")

<Property Name="**PhysicalDevice**" Value=""/>

Field name	Field type	Field value
Value	chosen from a fixed list	assign the specific value, based on the model of the device CashDrawer = FP-90IICD / FP-90IIICD / FP-81CD / FP-81IICD ElectronicJournal = FP-90IIEJ / FP-90IIIEJ / FP-81EJ / FP-81IIIEJ FiscalPrinter = FP-90II / FP-90III / FP-81 / FP-81II LineDisplay = FP-90IILD / FP-90IIILD / FP-81LD / FP-81IILD

<Property Name="**LogicalName**" Value=""/>

Field name	Field type	Field value
Value	variable	logical name to assign to the device (must be different for each device)

OposData_x86.reg / OposData_x64.reg (only for Opos)

Scheme and description of the file.

The file differs depending on the type of system used, 32 or 64 bit.

32 bit system

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\OLEforRetail]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\OLEforRetail\ServiceOPOS]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\OLEforRetail\ServiceOPOS\DeviceType]  
"LogicalName"="DeviceModel"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\OLEforRetail\ServiceOPOS\DeviceType\DeviceModel]  
@="ServiceObject"  
"DriverName"="EPSON UPOS FiscalDriver"  
"InstallFolderPath"="InstallFolderPath"
```

For each device that you want to use (CashDrawer, ElectronicJournal, FiscalPrinter, LineDisplay) an entire [HKEY_LOCAL_MACHINE\SOFTWARE\OLEforRetail\ServiceOPOS] key registry must be created.

Field name	Field type	Field value
DeviceType	chosen from a fixed list	assign the specific class, based on the type of device CashDrawer = CashDrawer ElectronicJournal = ElectronicJournal FiscalPrinter = FiscalPrinter LineDisplay = LineDisplay
LogicalName	variable	Logical name to assign to the device (must be different for each device)
DeviceModel	chosen from a fixed list	Assign the specific value, according to the model of the device. CashDrawer = FP-90IICD / FP-90IIICD / FP-81CD / FP-81IICD ElectronicJournal = FP-90IIIEJ / FP-90IIIEJ / FP-81EJ / FP-81IIIEJ FiscalPrinter = FP-90II / FP-90III / FP-81 / FP-81II LineDisplay = FP-90IILD / FP-90IIILD / FP-81LD / FP-81IILD
ServiceObject	chosen from a fixed list	Assign the specific value, based on the type of device. CashDrawer = SOEPSON.CashDrawerService.1130 ElectronicJournal = SOEPSON.ElectronicJournalService.1130 FiscalPrinter = SOEPSON.FiscalPrinterService.1130 LineDisplay = SOEPSON.LineDisplayService.1130
InstallFolderPath	variable	full installation path to the driver root folder (for example "C:\\Program Files (x86)\\EPSON\\UPOSDriverForFiscal\\OPOS")

64 bit system

REGEDIT4

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\OLEforRetail]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\OLEforRetail\ServiceOPOS]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\OLEforRetail\ServiceOPOS\DeviceType]  
"LogicalName"="DeviceModel"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\OLEforRetail\ServiceOPOS\DeviceType\DeviceModel]
@="ServiceObject"
"DriverName"="EPSON UPOS FiscalDriver"
"InstallFolderPath"="InstallFolderPath"
```

For each device that you want to use (CashDrawer, ElectronicJournal, FiscalPrinter, LineDisplay) an entire [HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\OLEforRetail\ServiceOPOS] key registry must be created.

Field name	Field type	Field value
DeviceType	chosen from a fixed list	assign the specific class, based on the type of device CashDrawer = CashDrawer ElectronicJournal = ElectronicJournal FiscalPrinter = FiscalPrinter LineDisplay = LineDisplay
LogicalName	variable	Logical name to assign to the device (must be different for each device)
DeviceModel	chosen from a fixed list	Assign the specific value, according to the model of the device. CashDrawer = FP-90IICD / FP-90IIICD / FP-81CD / FP-81IICD ElectronicJournal = FP-90IIEJ / FP-90IIIEJ / FP-81EJ / FP-81IIEJ FiscalPrinter = FP-90II / FP-90III / FP-81 / FP-81II LineDisplay = FP-90IILD / FP-90IIILD / FP-81LD / FP-81IILD
ServiceObject	chosen from a fixed list	Assign the specific value, based on the type of device. CashDrawer = SOEPSON.CashDrawerService.1130 ElectronicJournal = SOEPSON.ElectronicJournalService.1130 FiscalPrinter = SOEPSON.FiscalPrinterService.1130 LineDisplay = SOEPSON.LineDisplayService.1130
InstallFolderPath	variable	full installation path to the driver root folder (for example "C:\Program Files\EPSON\UPOSDriverForFiscal\JavaPOS")