

# ***Star USB Vendor Class Driver Installation Manual***

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## Introduction

This manual describes how to install the Star USB Vendor Class Driver.

The Star USB Vendor Class Driver can be used for Star USB models in OPOS, JavaPOS, and OCX environments.

To update or change a Star USB Vendor Class Driver that has already been installed, refer to the "USB Vendor Class Update Manual" (usb-vendorclass-update\_sm\_en.pdf) provided separately.

### **Compatible OS :**

- Windows 7 32bit / 64bit
- Windows 8 32bit / 64bit (except Windows RT)
- Windows 8.1 32bit / 64bit (except Windows RT 8.1)
- Windows 10 32bit / 64bit (except Windows 10 Mobile and Windows 10 IoT)

The installation steps vary according to the operating system. Therefore, refer to the section for the environment that you are using.

The downloaded printer driver is compressed. Please decompress the printer driver and save it to a desired location(\*), such as your hard disk, before installation.

\*) If the desired location on the hard disk is drive N, the path of the .inf file after decompression will be as follows.

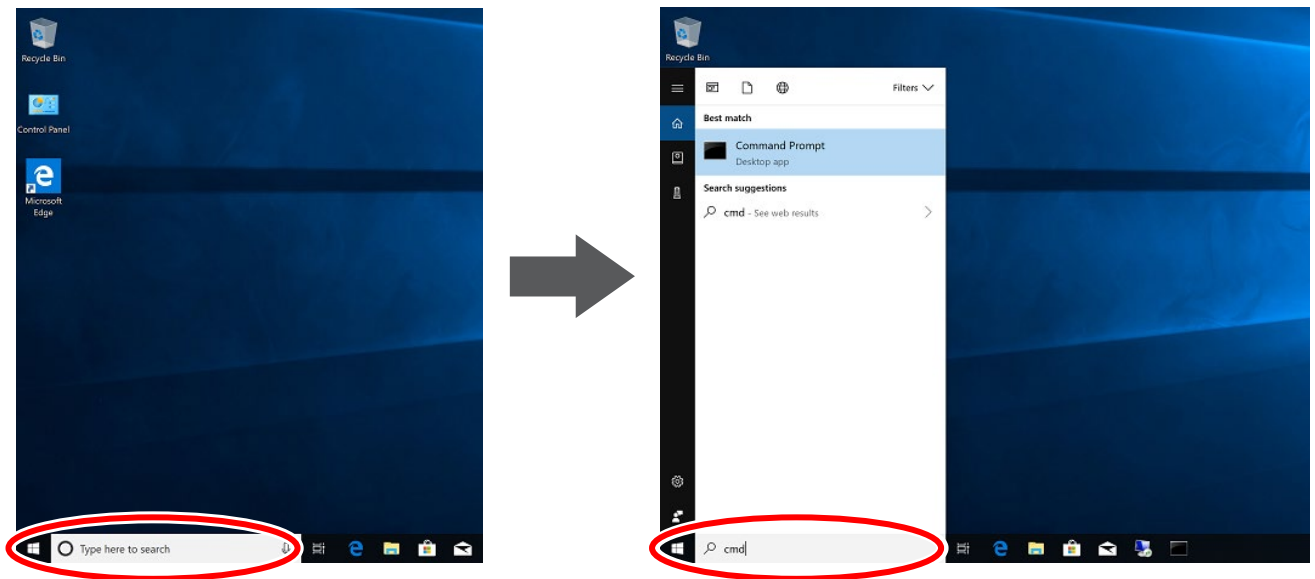
*Example :* N:\StarUSBVendorClassDriver\_W7-10\_yyyymmdd\USBVendorClassDriver

# 1. Installing ( Windows 10 )

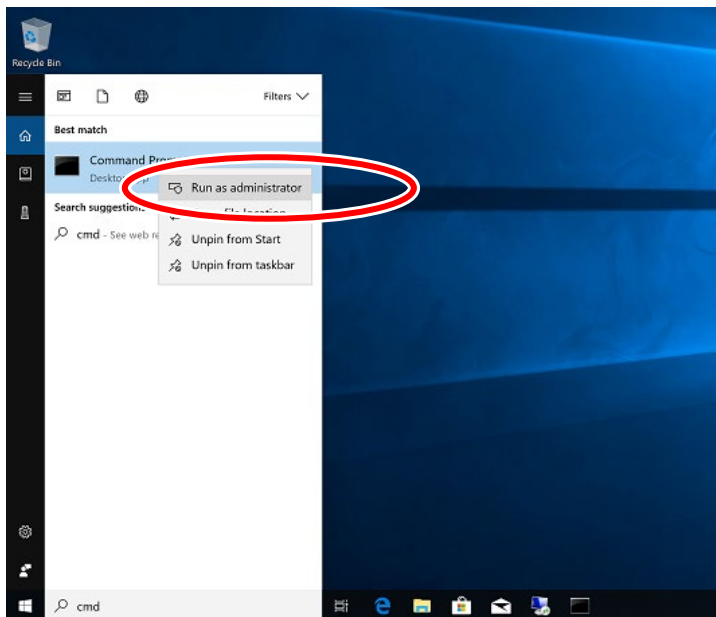
When using the Star USB Vendor Class Driver for the HSP7000, set DIP switch 1-5 to ON. For Star Printers other than the HSP7000, set DIP switch 1-5 to OFF. For details on setting the DIP switches, refer to the "Hardware Manual" provided separately.

**Point!** For Visual Card-Reader/Writers, the DIP switch settings are unnecessary.

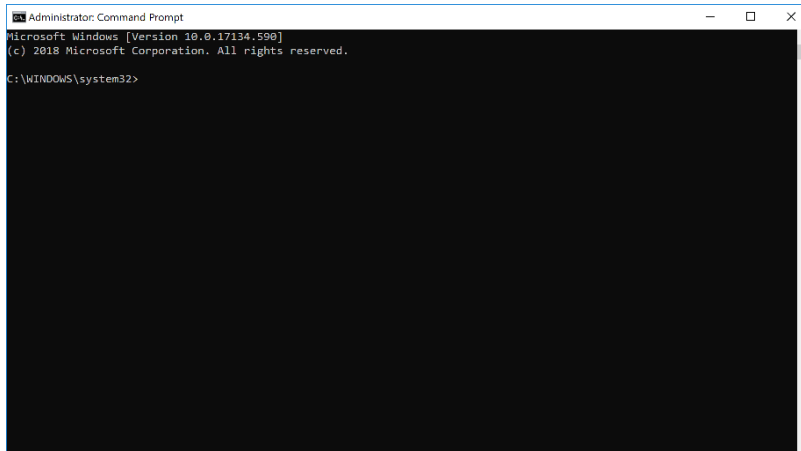
1. Click in the Cortana search box located in the taskbar, type cmd.



2. Right-click on Command Prompt in the search result and then select "Run as administrator" from the menu.



- When the User Account Control dialog box appears, click [Continue ].  
The command prompt starts.



- Specify the location of the extracted "SMJUSBCOM.INF" file and execute the following command.

```

Microsoft Windows [ Version 10.0.17763.437 ]
(c) 2018 Microsoft Corporation. All rights reserved.


C:\Windows\system32> pnputil -a N:\StarUSBVendorClassDriver_W7-10_yymmdd\USBVendorClass
Driver\SMJUSBCOM.INF                                     → Command Exection
Microsoft PnP Utility

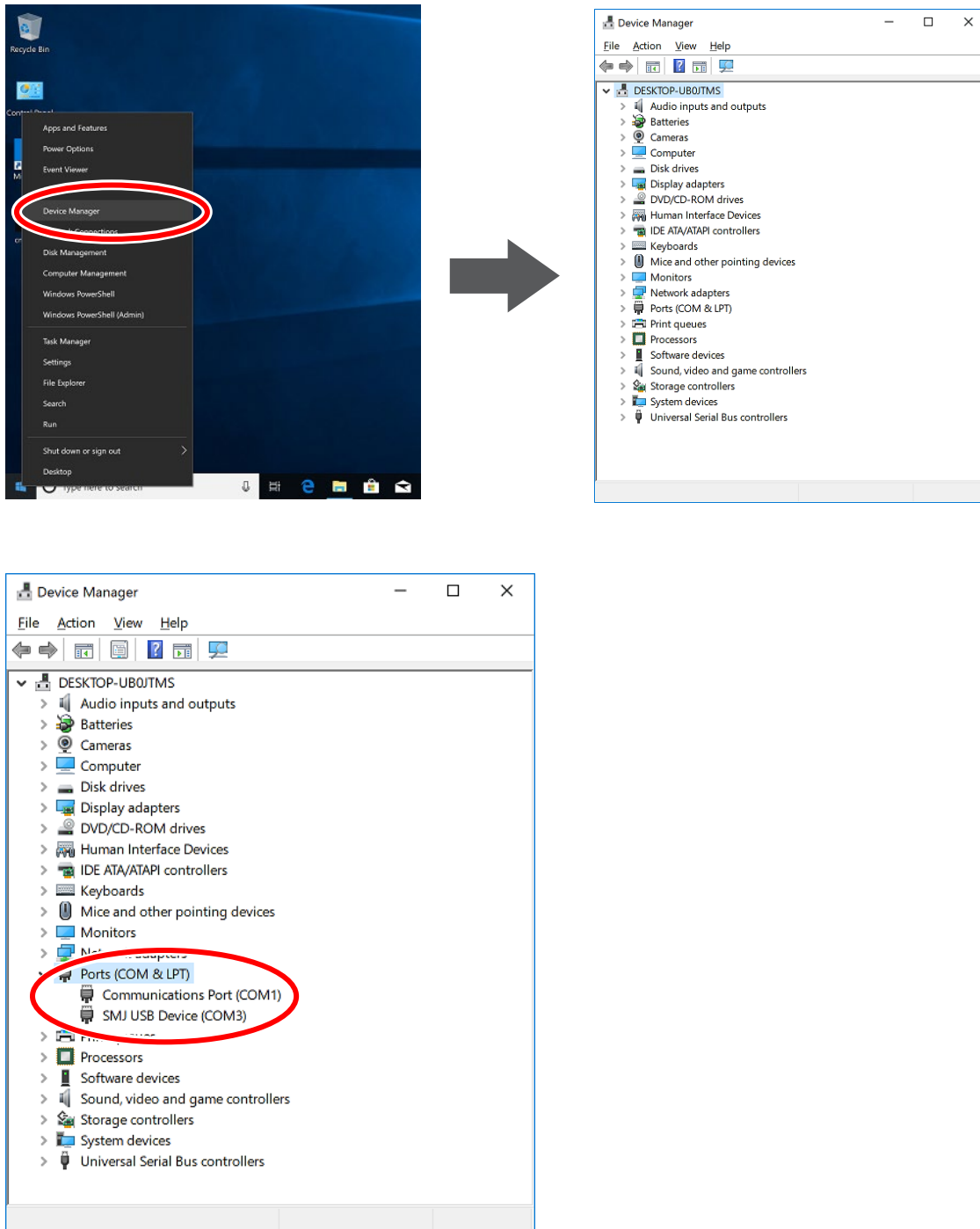
Processing inf :                                          SMJUSBCOM.inf
Driver package added successfully.
Published name :                                          oem1.inf

Total attempted :                                        1
Number successfully imported :                          1

C:\Windows\system32>                                     → Work Completion
    
```

- Connect the Star Printer or Visual Card-Reader/Writer to the computer with a USB cable, and turn on the Star Printer or Visual Card-Reader/Writer with the power switch.  
The computer detects the new hardware and installs the USB Vendor Class Driver with Plug and Play.  
Close the command prompt .

- Right-click the  , select [ Device Manager ] and confirm that **SMJ USB Device (Com\*)** appears under **Ports (Com & LPT)** . If it does, installation has completed successfully.



The installation is completed.

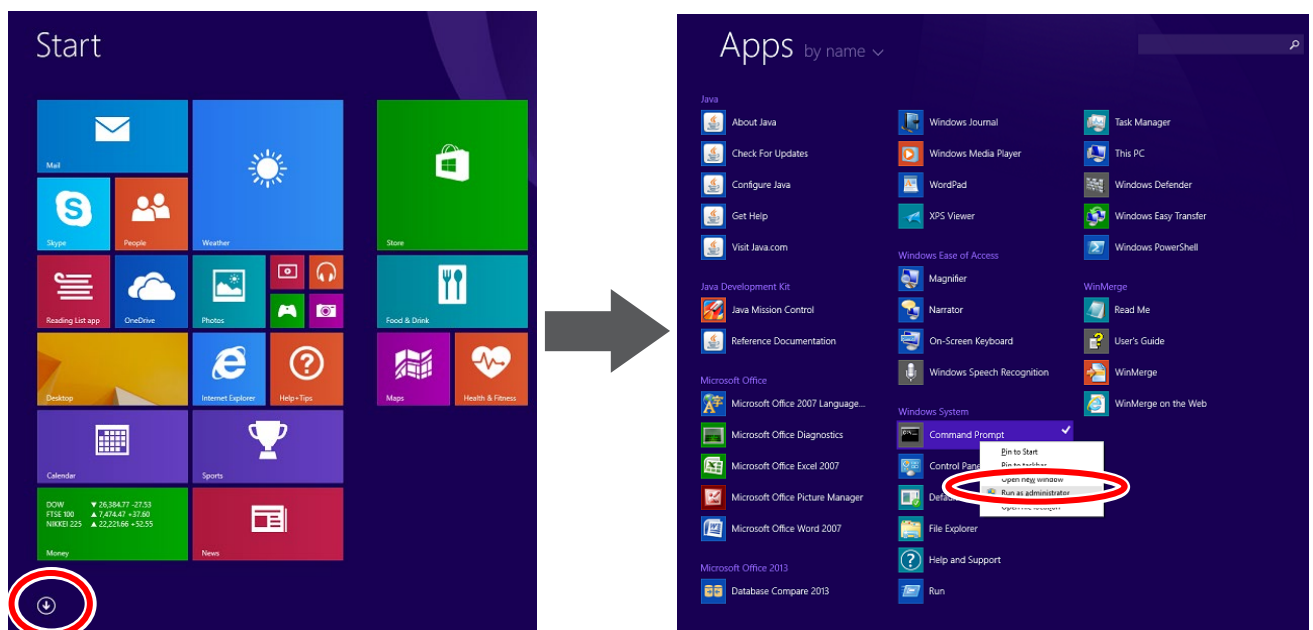
## 2. Installing ( Windows 8.1 )

When using the Star USB Vendor Class Driver for the HSP7000, set DIP switch 1-5 to ON. For Star Printers other than the HSP7000, set DIP switch 1-5 to OFF. For details on setting the DIP switches, refer to the "Hardware Manual" provided separately.

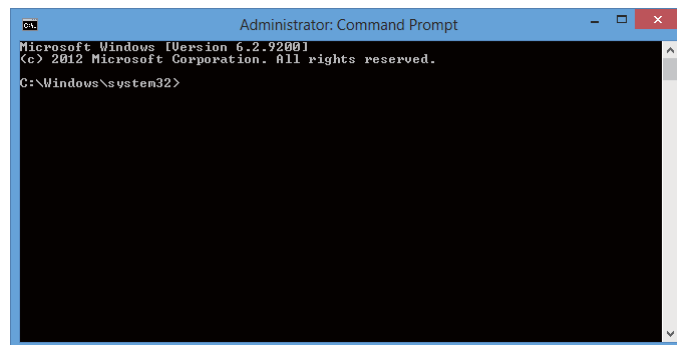
**Point!** For Visual Card-Reader/Writers, the DIP switch settings are unnecessary.

1. On the Start screen, click or tap the funny down-arrow floating in the lower-left corner of the screen.

Right-click [ Command Prompt ], and select [ Run as administrator ].



2. When the User Account Control dialog box appears, click [Continue ].  
The command prompt starts.





- Specify the location of the extracted "SMJUSBCOM.INF" file and execute the following command.

Microsoft Windows [ Version 6.3.9600 ]  
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Windows\system32> **pnputil -a N:\USBVendorClassDriver\_2K-XP-Vista-7\_yymmdd\USBVendorClassDriver\SMJUSBCOM.INF** → **Command Exection**

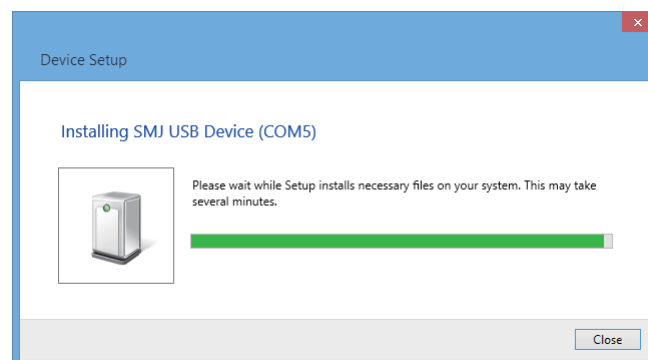
Microsoft PnP Utility

Processing inf : SMJUSBCOM.inf  
Driver package added successfully.  
Published name : oem1.inf

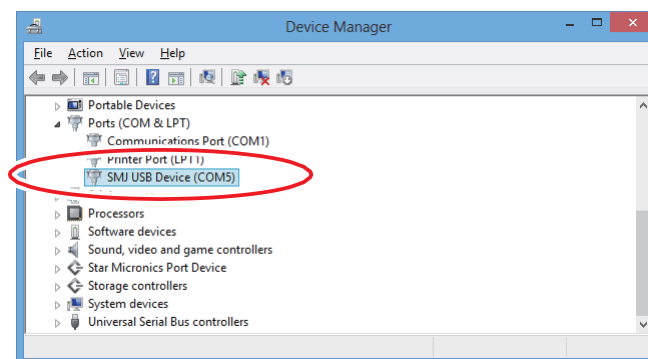
Total attempted : 1  
Number successfully imported : 1

C:\Windows\system32> → **Work Completion**

- Connect the Star Printer or Visual Card-Reader/Writer to the computer with a USB cable, and turn on the Star Printer or Visual Card-Reader/Writer with the power switch.  
The computer detects the new hardware and installs the USB Vendor Class Driver with Plug and Play.  
Close the command prompt .



- From the [All apps]-[Control Panel], select [ Device Manager ] and confirm that **SMJ USB Device (Com\*)** appears under **Ports (Com & LPT)** . If it does, installation has completed successfully.



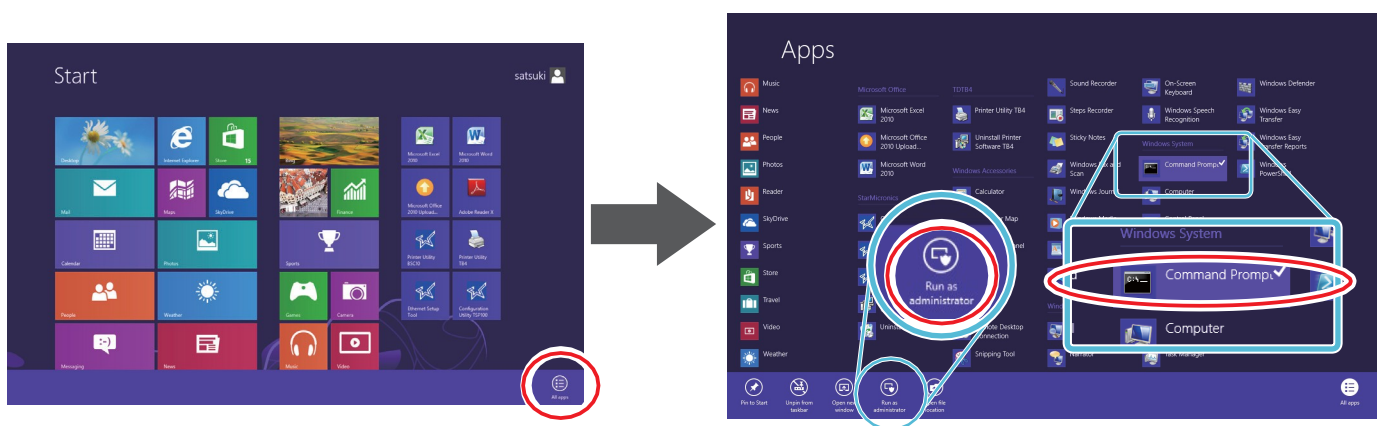
The installation is completed of the above.

### 3. Installing ( Windows 8 )

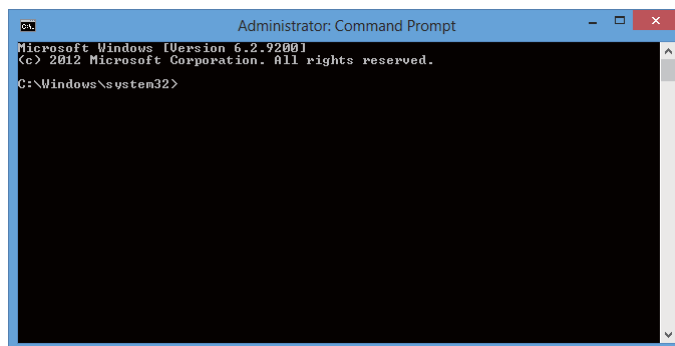
When using the Star USB Vendor Class Driver for the HSP7000, set DIP switch 1-5 to ON. For Star Printers other than the HSP7000, set DIP switch 1-5 to OFF. For details on setting the DIP switches, refer to the "Hardware Manual" provided separately.

**Point!** For Visual Card-Reader/Writers, the DIP switch settings are unnecessary.

1. Click [ All Apps ] which is appeared when you right-click at out of panel.  
Right-click [ Command Prompt ], and select [ Run as administrator ].



2. When the User Account Control dialog box appears, click [Continue ].  
The command prompt starts.



- Specify the location of the extracted "SMJUSBCOM.INF" file and execute the following command.

Microsoft Windows [ Version 6.2.9200 ]  
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Windows\system32> **pnputil -a N:\USBVendorClassDriver\_2K-XP-Vista-7\_yymmdd\USBVendorClassDriver\SMJUSBCOM.INF** → **Command Exection**

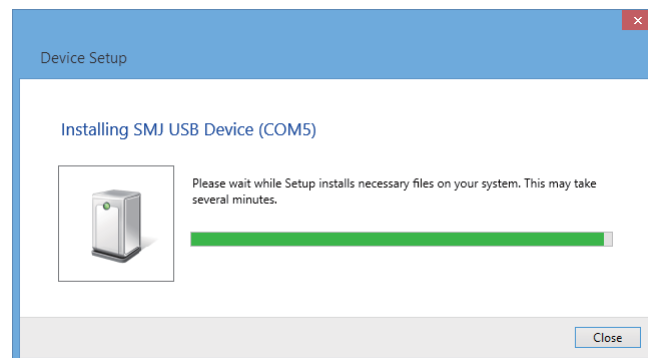
Microsoft PnP Utility

Processing inf : SMJUSBCOM.inf  
Driver package added successfully.  
Published name : oem1.inf

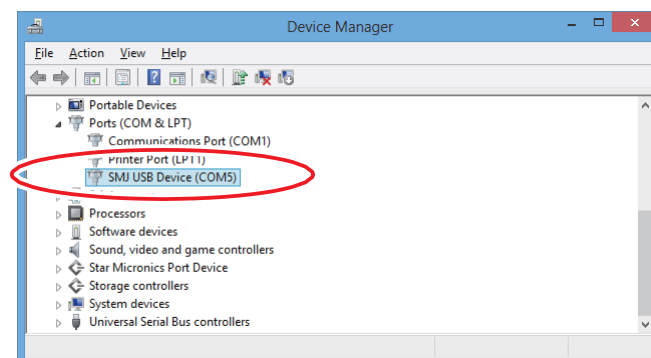
Total attempted : 1  
Number successfully imported : 1

C:\Windows\system32> → **Work Completion**

- Connect the Star Printer or Visual Card-Reader/Writer to the computer with a USB cable, and turn on the Star Printer or Visual Card-Reader/Writer with the power switch.  
The computer detects the new hardware and installs the USB Vendor Class Driver with Plug and Play.  
Close the command prompt .



- From the [All apps]-[Control Panel], select [ Device Manager ] and confirm that **SMJ USB Device (Com\*)** appears under **Ports (Com & LPT)** . If it does, installation has completed successfully.



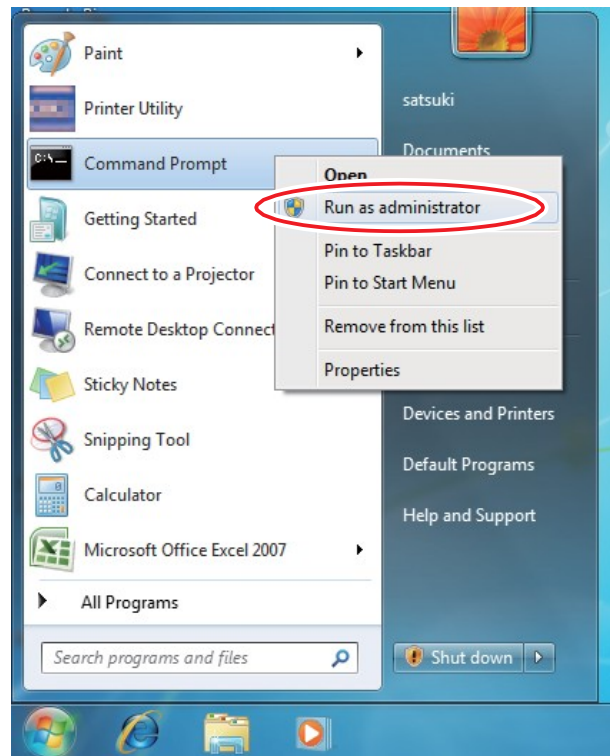
The installation is completed.

## 4. Installing ( Windows 7 )

When using the Star USB Vendor Class Driver for the HSP7000, set DIP switch 1-5 to ON. For Star Printers other than the HSP7000, set DIP switch 1-5 to OFF. For details on setting the DIP switches, refer to the "Hardware Manual" provided separately.

**Point!** For Visual Card-Reader/Writers, the DIP switch settings are unnecessary.

1. From the Start menu in Windows, select [ All Programs ] - [ Accessories ], right-click [ Command Prompt ], and select [ Run as administrator ].



2. When the User Account Control dialog box appears, click [Continue ].  
The command prompt starts.



- Specify the location of the extracted "SMJUSBCOM.INF" file and execute the following command.

Microsoft Windows [ Version 6.1.7600 ]  
 Copyright(c) 2009 Microsoft Corporation. All rights reserved.

C:\Windows\system32> **pnputil -a N:\USBVendorClassDriver\_2K-XP-Vista-7\_yymmdd\USBVendorClass  
 Driver\SMJUSBCOM.INF** → **Command Exection**

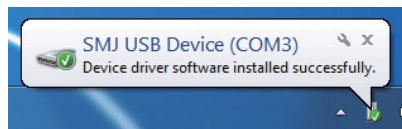
Microsoft PnP Utility

Processing inf : SMJUSBCOM.inf  
 Driver package added successfully.  
 Published name : oem1.inf

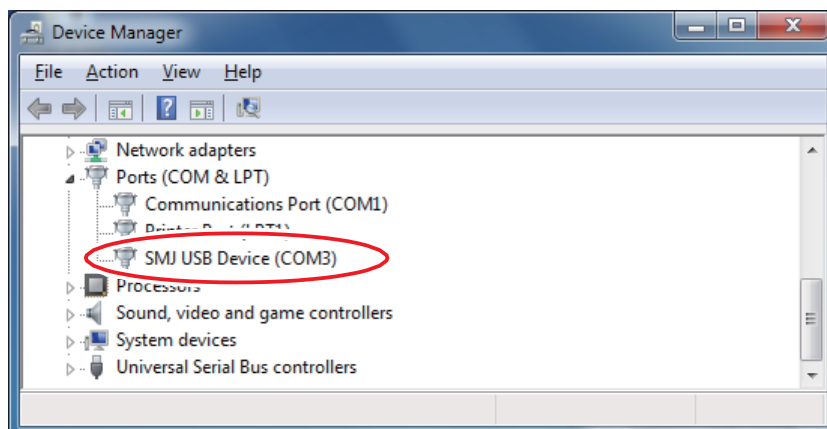
Total attempted : 1  
 Number successfully imported : 1

C:\Windows\system32> → **Work Completion**

- Connect the Star Printer or Visual Card-Reader/Writer to the computer with a USB cable, and turn on the Star Printer or Visual Card-Reader/Writer with the power switch.  
 The computer detects the new hardware and installs the USB Vendor Class Driver with Plug and Play.
- When installation is completed successfully, the following indication will appear in the task bar (at the bottom right of the screen).  
 Close the command prompt .



- From the property of My Computer, select [ Device Manager ] and confirm that **SMJ USB Device (Com\*)** appears under **Ports (Com & LPT)** . If it does, installation has completed successfully.



The installation is completed.

## 5. Revision History

Rev. No.	Date	Content
Rev. 1.0	Oct. 2010	New release.
Rev. 1.1	Jul. 2013	Added Windows 8 support.
Rev. 1.2	Apr. 2019	Added Windows 10 support. End of Support for Windows XP / Vista.



URL: <http://www.starmicronics.com/support/>