

Ingenico USB Driver Installer

Release Note

Ingenico - ICO-OPE-01981-VG

2014/08/01

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1_Main Characteristics

1_1 Supported Operating System

- Windows XP
- Windows Vista
- Windows 7
- Windows 2008 Server
- Windows 2008 Server R2
- Windows 8 and 8.1
- Windows XP Embedded

Any other operating systems are not supported due to license or technical limitations.

1_2 Installer/Driver Relationship

Installer Version	Driver Version
2.60	2.1.6.36 (DUA-1)
2.40	2.1.6.36
2.20	2.1.6.31
1.5	2.1.6.31
1.4	2.1.6.31
1.3	2.1.6.31
1.2	2.1.6.28
1.1	2.1.6.28
1.0	2.1.6.24

2_Installer Evolutions

2_1 Version 2.60

Add support of the following OS: Windows XP 64bits and update version for Windows 8.1.

/ Fixed issues :

FT #	Title	Comment
TPROTOC-766	Jungo on Windows XP 64bits	OS now supported
TPROTOC-894	Update for Windows 8.1	Test on new update of OS: Window8.1

TPROTOC-806	Support of new PIDs	T3 terminals: Desk5000 and Desk3xxx. New PID for iSC480 (different of iSC350)
TPROTOC-717	Documentation improvement	English text review.
TPROTOC-702	Documentation improvement	Add more explanation about the policy for port attribution.
TPROTOC-701	Modification of the installer's graphic interface to display all the terminal types in the drop-down box.	

2_2 Version 2.40

Add support of the following OS: Windows XP Embedded.

/ Fixed issues :

FT #	Title	Comment
<u>13956</u>	Jungo on Windows XP Embedded	OS now supported

2_3 Version 2.20

Add support of the following OS: Windows 8, Windows 2008 Server and Windows 2008 Server R2.

/ Fixed issues :

FT #	Title	Comment
<u>14009</u>	Jungo on Windows 8	OS now supported
<u>14278</u>	Support Windows Server 2008	OS now supported

2_4 Version 1.5

Modification of the driver's installation order. The Serial Port Communication driver (CDC ACM) is installed first. It corrects a problem which occurs during the installation with a device connected when the Force Com Port option is enabled.

Add option '/partial_cleanup', to only remove the current installed package when installing a new one. This option is required for LLT.

Add option '/fix_exec' to enable the workaround solution introduced in the version 1.4 to fix a process execution by NSIS.

/ Fixed issues :

FT #	Title	Comment
<u>13286</u>	Install take a long time	Add an option to skip older version uninstall

2_5 Version 1.4

Implementation of a workaround solution to fix a problem of process execution by NSIS. This workaround solution causes the multiple displays of windows when executing the "wdreg.exe" process.

2_6 Version 1.3

Fix update process while device plugged on the working station

/ Fixed issues :

FT #	Title	Comment
<u>11964</u>	Buffer size modification	Buffer increased to 1Ko
<u>12297</u>	Incompatibility with Honeywell's USB Driver	Change driver system ID to be compatible with other Jungo based driver
<u>13211</u>	Incomplete uninstall of version 1.1	Previous version fully deleted
<u>13289</u>	Issue when installing the same version again	Install process waits for the end of the uninstall before installing the driver

2_7 Version 1.2

Remove log creation (not supported)
Clean install directory when uninstall

/ Fixed issues :

FT #	Title	Comment
<u>11878</u>	Files not deleted during uninstall	The installation folder is cleaned after the driver uninstallation
<u>11879</u>	Registry database not cleaned during uninstall	The uninstallation process removes all the registry keys used by the driver
<u>11880</u>	TeliumUSBPortUpdater settings not saved	Jungo installer fetch TeliumUSBPortUpdater settings and use them if existing

<u>11881</u>	GUI interface error when reusing old driver settings	Minor bug correction in the GUI display
<u>11917</u>	Suppress log file generation	Log file deleted
<u>11939</u>	Uninstall "/U" option must uninstall the package with the driver	The uninstall option "/U" removes the driver package
<u>11941</u>	Uninstall unofficial of Usbser driver	Add an advanced option to force the deletion of the not-official versions of the old USB driver

2_8 Version 1.1

Switch to NSIS
 Add new options in command line
 Add uninstall feature
 Backup Force COM Port parameter before install

/ Fixed issues

FT #	Title	Comment
<u>9852</u>	Detect USB disconnect	Modem signals managed in the driver
<u>10473</u>	Silent install required	Install can now be silent with parameter /S
<u>10572</u>	Force port COM	New certified version allow to force COM port
<u>11228</u>	Creation of uninstall program	Installer can uninstall the Jungo driver
<u>11500</u>	Installation and user guide missing	Documentation updated and delivered with the installer

2_9 Version 1.0

First installation (build with InnoSetup)

3_Driver Evolutions

Hereafter are briefly described Jungo USB driver's evolutions.

3_1 Version 2.1.6.36 (certified DUA-1):

USB ID supported:
 0x079B/0x0028 – Sagem Telium

0x0B00/0x0052 – Ingenico iHT1
0x0B00/0x0053 – Ingenico iHT2
0x0B00/0x0054 – Ingenico iHT3
0x0B00/0x0055 – Ingenico iHT4
0x0B00/0x0056 – Ingenico iHT5
0x0B00/0x0057 – Ingenico iST1xx/iUC1xx/iUP250
0x0B00/0x0060 – Ingenico iPP3xx/iPP4xx
0x0B00/0x0061 – Ingenico iSC350
0x0B00/0x0062 – Ingenico iSC2xx
0x0B00/0x0063 – Ingenico iSC4xx
0x0B00/0x0066 – Ingenico iCT2xx
0x0B00/0x 0080 – Ingenico Desk5000
0x 0B00/0x 0081 – Ingenico Desk3xxx

3_2 Version 2.1.6.36 (certified):

Enhance the cleaning of requests (better management of resources).

USB ID supported:

0x079B/0x0028 – Sagem Telium
0x0B00/0x0052 – Ingenico iHT1
0x0B00/0x0053 – Ingenico iHT2
0x0B00/0x0054 – Ingenico iHT3
0x0B00/0x0055 – Ingenico iHT4
0x0B00/0x0056 – Ingenico iHT5
0x0B00/0x0057 – Ingenico iST1xx/iUC1xx/iUP250
0x0B00/0x0060 – Ingenico iPP3xx/iPP4xx
0x0B00/0x0061 – Ingenico iSC350
0x0B00/0x0062 – Ingenico iSC2xx
0x0B00/0x0066 – Ingenico iCT2xx

3_3 Version 2.1.6.31 (certified):

Change driver naming to allow two Jungo's drivers to be used at the same time.

USB ID supported:

0x079B/0x0028 – Sagem Telium
0x0B00/0x0052 – Ingenico iHT1
0x0B00/0x0053 – Ingenico iHT2
0x0B00/0x0054 – Ingenico iHT3
0x0B00/0x0055 – Ingenico iHT4
0x0B00/0x0056 – Ingenico iHT5
0x0B00/0x0057 – Ingenico iST1xx/iUC1xx/iUP250
0x0B00/0x0060 – Ingenico iPP3xx/iPP4xx
0x0B00/0x0061 – Ingenico iSC350
0x0B00/0x0062 – Ingenico iSC2xx
0x0B00/0x0066 – Ingenico iCT2xx

3_4 Version 2.1.6.30 (certified specific for NER):

Fix version numbering issue (v2.1.6.29 officialisation).

USB ID supported:
0x079B/0x0028 – Sagem Telium
0x0B00/0x0061 – Ingenico iSC350

3_5 Version 2.1.6.29:

Implement recover after 3 consecutive reading errors.

3_6 Version 2.1.6.28 (certified):

Recover when any ioctl returns USBD_STATUS_DEV_NOT_RESPONDING.

USB ID supported:
0x079B/0x0028 – Sagem Telium
0x0B00/0x0060 – Ingenico iPP3xx
0x0B00/0x0061 – Ingenico iSC350
0x0B00/0x0062 – Ingenico iSC2xx
0x0B00/0x0066 – Ingenico iCT2xx

3_7 Version 2.1.6.27:

Recover when GET_BAUD_RATE ioctl failed.

3_8 Version 2.1.6.26:

Fix flush issue when closing the port.

3_9 Version 2.1.6.25:

Implement FlushFileBuffers function.

3_10 Version 2.1.6.24 (Certified):

Initial version of Jungo driver

USB ID supported:
0x0B00/0x0060 – Ingenico iPP3xx
0x0B00/0x0061 – Ingenico iSC350