

First Internet Bank Business Banking Platform

Enterprise Payment Solutions™

Ensenta Panini Integration

Installation and Troubleshooting Guide





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Syneryg Voens^{IIII}; Syneryg Voens^{IIIIII}; Syneryg Voens^{IIII}; Syneryg Voens^{IIIII}; Syneryg Voens^{IIII}; Syneryg Voens^{IIII}; Syneryg Voens^{IIIII}; Syneryg Voens^{IIII}; Syneryg Voens^{IIIII}; Syneryg Voens^{IIIII}; Syneryg Voens^{IIII}; Syneryg Voens^{III}

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Overview

The Panini Everest Engine and Digital Check AJAX API are two Windows[®] services that work in tandem with respective check scanner drivers when used with the Ensenta RDC platform. This installation and troubleshooting guide serves as a resource for Financial Institutions' (FI) administrators to install scanner software, uninstall scanner software, test, diagnose, and correct any technical issues that may arise with the Panini and Digital Check scanners.

System Requirements

For the PC:

- Ram: 4GB or greater
- CPU: Dual Core or greater
- Internet: Broadband connection 3 Mbps or greater

For Microsoft[®] Windows[®]:

- Windows 7: Microsoft Internet Explorer[®], Google Chrome[™], Mozilla[®] Firefox[®]
- Windows 8/8.1: Microsoft Internet Explorer[®], Google Chrome[™], Mozilla[®] Firefox[®]
- Windows 10: Microsoft Internet Explorer[®], Google Chrome[™], Mozilla[®] Firefox[®]

***NOTE:** Supported browsers include the latest version and two prior versions.

The following scanners support this application's features

Scanner	Model Supported
Panini®	My Vision X®
	Vision X®
	l:Deal®



[4]

Install Panini Engine Driver

The Panini Everest Engine is a Windows[®] service driver that enables the use of Panini Vision X[®] and Panini Ideal[®] on the Ensenta bRDC platform. Once you have received the files for your scanner, download and save the .exe file to your desktop.

Panini Engine Driver Setup

Important! Ensure that the scanner is not plugged into your computer prior to installation.

1. Click the Panini logo on your desktop to launch the Panini Everest Engine Setup installer.



FIGURE 1 – PANINI EVEREST ENGINE INSTALLER

2. Read the License Agreement and click I accept the terms of the license agreement. Click Next.



FIGURE 2 – PANINI LICENSE AGREEMENT



3. Choose Complete as the Setup Type. Click Next.

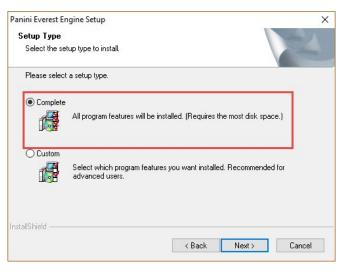


FIGURE 3 – PANINI SETUP TYPE

4. Click Finish to complete the Setup.

Panini Everest Engine Setup	
	InstallShield Wizard Complete Setup has finished installing Panini Everest Engine on your computer.
	< Back Finish Cancel

FIGURE 4 – PANINI SETUP COMPLETION



5. Launch the Panini Everest Engine application by clicking the Panini logo on the desktop.



FIGURE 5 – PANINI EVEREST ENGINE

- 6. The Panini test application page will appear. The **Engine Status** should read **Available for Connection.**
- 7. Click Connect.

Welcome to the Panini Everest Engine
Engine Version:1.6.6
Engine Status: Available for connection.
Connect

FIGURE 6 – PANINI EVEREST ENGINE DEMO APPLICATION

Depending on your PC, the connection time may vary between 30 seconds and one minute.

Welcome to the Panini Everest Engine
Engine Version:1.6.6 Connecting

FIGURE 7 – PANINI EVEREST ENGINE DEMO APPLICATION



- 8. Scanners only operate with one driver, so any attempt to connect to a scanner already in use will prompt an override code to proceed. See <u>Uninstall Panini</u> for general steps on how to uninstall drivers (steps and file names may vary depending on the other drivers that have been previously installed on your PC).
- **9.** The scanner will make a sound as it connects to the Panini Everest Engine. The following page will appear:

Welcome to the Panini Everest Engine
Engine Version:1.6.6 Application connected. Feeder Empty: True
Start Stop Free Track

FIGURE 8 – PANINI EVEREST ENGINE DEMO APPLICATION

10. Click **Disconnect** and close the browser tab for the Panini Everest Engine before moving on to the next step.



Connect Panini Scanner to bRDC Web Platform

1. Log into your online banking platform and access the deposit feature.

***NOTE**: Depending on your configuration, you may not see the Login screen below. Rather, you will be directed immediately to the Welcome page shown in Step 2.

∂ ensenta	<mark>ال</mark> هوي Register) jin
		0
Login		
	continue or click register if you are new.	
Username	Läsemarne	
Password	Password	
	forgot your, password2	
	Login	

FIGURE 9 – ENSENTA BRDC LOGIN

2. Click on Settings (gear icon) in the top right corner of the Welcome page.

			Deposit	E History	Settings	E+ Logout
						Θ
	Welcome					
	Depositing checks is simple - Use your high speed check deposit a batch of checks.	scanner to				
	How it works					
Select an account	Scan checks	Confirm deposit				
101	= s					

FIGURE 10 – ENSENTA BRDC WELCOME PAGE



FIGURE 11 – ENSENTA BRDC SETTINGS ICON

3. In the General Setting section, ensure that Use Check Scanner is set to Yes.

*NOTE: Depending on your configuration, your settings options may be different.

General settings	
Show description	Yes No
Show Intro	Yes No
Show help sidebar	Yes No
Use Check Scanner	Yes No
Show batch total	Yes No

FIGURE 12 – ENSENTA GENERAL SETTINGS

4. Under Scanner Settings, ensure that the **Ranger Driver Scanner** option is set to **No**.

Ranger Driver Scanner	Yes No	
Select Scanner Model	Panini:VisionX	•
Scanner Address	localhost:44343	Test



5. Choose Panini VisionX[®] as your scanner model.

*Note: If using the Panini Ideal[®] you will still need to select Panini VisionX[®] as your scanner model.

Yes No
Panini:VisionX
localhost:44343





6. Type localhost: 44343 into the Scanner Address textbox if using Internet Explorer[®]. Click Test.

Scanner Settings	
Ranger Driver Scanner	Yes No
Select Scanner Model	Digital Check: TS240
Scanner Address	localhost:5660 Test

FIGURE 15 – ENSENTA SCANNER ADDRESS SETTINGS

7. Type 127.0.0.1:8080 into the Scanner Address textbox if using Google Chrome[™] or Mozilla Firefox[®]. Click Test

***NOTE**: It is recommended to have one primary browser for bRDC as Scanner Address settings will **NOT** automatically carry over if you switch browsers.

Scanner Settings		
Ranger Driver Scanner	Yes No	
Select Scanner Model	Panini:VisionX	•
Scanner Address	127.0.0.1:8080	Test

FIGURE 16 – ENSENTA SCANNER ADDRESS SETTINGS FOR GOOGLE CHROME[™] & MOZILLA FIREFOX®

- 8. The scanner will attempt to connect to bRDC.
- 9. Click OK to return to the **bRDC** page.



FIGURE 17 – SCANNER TEST SUCCESSFUL

10. Click Save.

Scanner Settings	
Ranger Driver Scanner	Yes No
Select Scanner Model	Panini:VisionX
Scanner Address	localhost:44343
Reset	

FIGURE 18 – SAVE SCANNER SETTINGS

You are now ready to make check deposits.



Troubleshoot Panini

Restarting the Panini Service

You may need to restart the Panini Service if the scanner is not connecting to either the Panini Everest Engine or bRDC.

1. Open the start menu and type in **services.msc**. Right-click on **Services** and select **Run as administrator**.

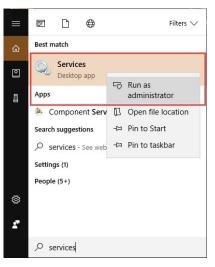


FIGURE 19 - WINDOWS® START MENU

2. Locate Panini Everest Guardian. Click on Stop.

File Action View	Help					
⇐ ➡ 📰 🖾	🗟 📑 🛛 📰 🕨 🔲 II 🕪					
🎑 Services (Local)	O Services (Local)					
	Panini Everest Guardian	Name	Description	Status	Startup Type	Log
		Office Source Engine	Saves install		Manual	Loc
	Stop the service	Offline Files	The Offline		Manual (Trig	Loc
	Restart the service	OpenSSH Authentication A	Agent to ho		Disabled	Loc
		Optimize drives	Helps the c		Manual	Loc
		Panini Everest Guardian		Running	Automatic (D	Lo
		🎑 Parental Controls	Enforces pa		Manual	Loc
		🌼 Payments and NFC/SE Man	Manages pa	Running	Manual (Trig	Loc
		🖏 Peer Name Resolution Prot	Enables serv		Manual	Loc
		🧠 Peer Networking Grouping	Enables mul		Manual	Loc
		🏟 Peer Networking Identity M	Provides ide		Manual	Loc
		🌼 Performance Counter DLL	Enables rem		Manual	Loc
		🏟 Performance Logs & Alerts	Performanc		Manual	Loc
		🏟 Phone Service	Manages th		Manual (Trig	Loc
		🏟 Plug and Play	Enables a c	Running	Manual	Loc
		🏟 PNRP Machine Name Publi	This service		Manual	Loc
		🌼 Portable Device Enumerator	Enforces gr		Manual (Trig	Loc
		🖏 Power	Manages p	Running	Automatic	Loc
		🏟 Print Spooler	This service	Running	Automatic	Loc
		🌼 Printer Extensions and Notif	This service		Manual	Loc
		🌼 PrintWorkflow_22205984	Print Workfl		Manual	Loc
		🌼 Problem Reports and Soluti	This service		Manual	Loc
	1	<				>

FIGURE 20 - WINDOWS® SERVICES MODULE



3. Click Start to restart the Panini service.

🤹 Services					- 0	×
File Action View	Help					
Þ ⇒ 🖬 🖨 🧧	à 🗟 🛛 📷 🕨 🔳 💵 🕨					
Services (Local)	O Services (Local)	7				
	Panini Everest Guardian	Name	Description	Status	Startup Type	Log
		🔍 Office Source Engine	Saves install		Manual	Loc
	<u>Start</u> the service	Offline Files	The Offline		Manual (Trig	Loc
	Advertised in the second se	QuenSSH Authentication A	Agent to ho		Disabled	Loc
		Optimize drives	Helps the c		Manual	Loc
		🖏 Panini Everest Guardian			Automatic (D	Loc
		🔍 Parental Controls	Enforces parer	tal controls	for child account	s in Wi
		Rayments and NFC/SE Man	Manages pa	Running	Manual (Trig	Loc
		🌼 Peer Name Resolution Prot	Enables serv		Manual	Loc
		🌼 Peer Networking Grouping	Enables mul		Manual	Loc
		🌼 Peer Networking Identity M	Provides ide		Manual	Loc
		🌼 Performance Counter DLL	Enables rem		Manual	Loc
		🌼 Performance Logs & Alerts	Performanc		Manual	Loc
		🍓 Phone Service	Manages th		Manual (Trig	Loc
		🍓 Plug and Play	Enables a c	Running	Manual	Loc
		🌼 PNRP Machine Name Publi	This service		Manual	Loc
		🌼 Portable Device Enumerator	Enforces gr		Manual (Trig	Loc
		🏟 Power	Manages p	Running	Automatic	Loc
		🍓 Print Spooler	This service	Running	Automatic	Loc
		🌼 Printer Extensions and Notif	This service		Manual	Loc
		PrintWorkflow_22205984	Print Workfl		Manual	Loc
		🆏 Problem Reports and Soluti	This service		Manual	Loc
	1	<				>

FIGURE 21 - WINDOWS® SERVICES MODULE

4. Double-click the Panini Everest Engine logo from the desktop.



FIGURE 22 – PANINI EVEREST ENGINE DEMO ICON

5. The **Panini Everest Engine** screen will appear. The Engine Status should read Available for Connection. Click **Connect**.

Welcome to the Panini Everest Engine
Engine Version:1.6.6 Engine Status:Available for connection.
Connect

FIGURE 23 – PANINI EVEREST ENGINE DEMO APPLICATION



Depending on your PC, the connection time may vary between 30 seconds and one minute.

Welcome to the Panini Everest Engine
Engine Version:1.6.6 Connecting

FIGURE 24 – PANINI EVEREST ENGINE DEMO APPLICATION

- 6. Scanners only operate with one driver, so any attempt to connect to a scanner already in use will prompt an override code to proceed. See <u>Uninstall Panini</u> for general steps on how to uninstall drivers (steps and file names may vary depending on the other drivers that have been previously installed on your PC).
- **7.** The scanner will make a sound as it connects to the Panini Everest Engine. The following page will appear as shown below. Click **Disconnect** and close the browser tab for the Panini Everest Engine and attempt to connect again using bRDC.

Welcome to the Panini Everest Engine
Engine Version: 1.6.6 Application connected. Feeder Empty: True Disconnect
Start Stop Free Track

FIGURE 25 – PANINI EVEREST ENGINE DEMO APPLICATION



Updating Device Manager

If you cannot connect to bRDC, you may need to replace **Vision X without Firmware** with **Vision X with Firmware** in your **Device Manager**.

1. Type Device Manager into the Start menu and click **Device Manager**.

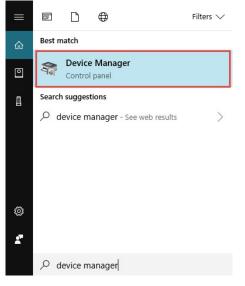


FIGURE 26 - WINDOWS® START MENU

2. Locate Panini

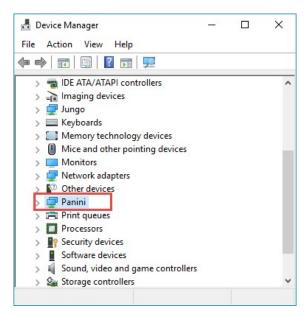


FIGURE 27 – WINDOWS® DEVICE MANAGER



3. Expand the Panini entry. Notice two sub files: **Panini USB Driver** and **Vision X** with Firmware.

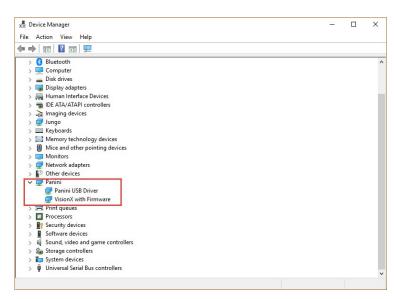


FIGURE 28 - WINDOWS® DEVICE MANAGER

***NOTE**: If the Panini Everest Engine service has never been used with the scanner, Vision X will display as Vision X without Firmware. Firmware will have to be installed by connecting to Panini Everest Engine application.

4. To install Vision X with Firmware, click the **Panini Everest Engine** application on your desktop.



FIGURE 29 - PANINI EVEREST ENGINE DEMO ICON



5. Click Connect.

Welcome to the Panini Everest Engine
Engine Version:1.6.6
Engine Status: Available for connection.
Connect

FIGURE 30 - PANINI EVEREST ENGINE DEMO

In your Device Manager window, **Vision X without Firmware** will be replaced with **Vision X with Firmware**.



FIGURE 31 – WINDOWS® DEVICE MANAGER

6. Click Disconnect.

Welcome to the Panini Everest Engine
Engine Version:1.6.6 Application connected. Feeder Empty: True Disconnect
Start Stop Free Track

FIGURE 32 - PANINI EVEREST ENGINE DEMO

It is imperative to disconnect the Panini Everest Engine after each launch. Only one connection is possible with the device, so disconnect from the test page before scanning checks.

Note: If the Panini Everest Engine fails to operate after you have launched and disconnected from the test page, restart your PC and relaunch the Panini Everest Engine application. Contact Ensenta Support if the problem persists.



Uninstall Panini Driver

In the event you need to uninstall the Panini Everest Engine, follow the steps outlined below. If you have operated a Panini scanner on your computer using different software for remote deposit capture, it is recommended that you uninstall all other Panini drivers. Only the Panini Everest Engine driver provided to you for bRDC should remain on your PC.

1. Ensure that the Panini scanner is plugged in during the uninstallation process and launch Device Manager from the Start menu.

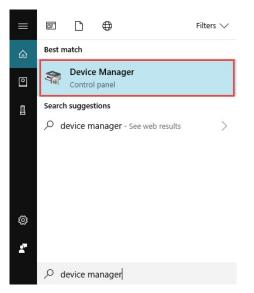


FIGURE 33 - WINDOWS® START MENU

2. Locate the Panini file within the Device Manager.

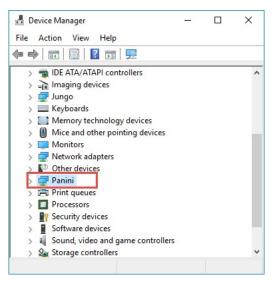


FIGURE 34 - WINDOWS® DEVICE MANAGER



- 3. Expand Panini and right-click Vision X with Firmware.
- 4. Click Uninstall Device.

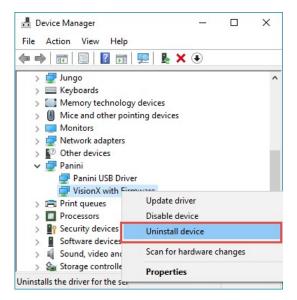


FIGURE 35 – WINDOWS® DEVICE MANAGER UNINSTALL DEVICE

5. Check Delete the driver software for this device. Click Uninstall. Note: Some drivers may replace Uninstall with OK.

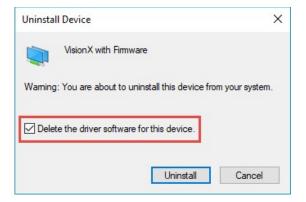


FIGURE 36 – WINDOWS® DEVICE UNINSTALLER



6. In Device Manager, locate and right-click Panini USB Driver.

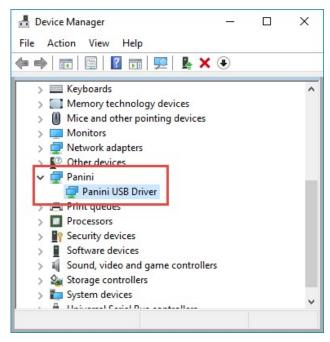


FIGURE 37 – WINDOWS® DEVICE MANAGER

7. Click Uninstall Device.

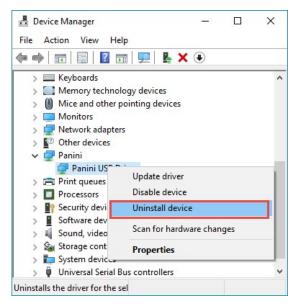


FIGURE 38 - WINDOWS® DEVICE MANAGER UNINSTALL DEVICE



8. Check Delete the driver software for this device. Click Uninstall. Note: Some drivers may replace Uninstall with OK.

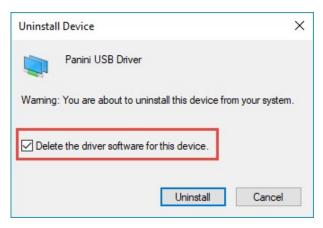


FIGURE 39 - WINDOWS® DEVICE UNINSTALLER

9. Panini will be completely removed from the Device Manager. Unplug the scanner from the PC to ensure complete uninstallation.



Uninstall Panini Everest Engine Software

1. To remove Panini software, open the **Control Panel** and select **Programs and Features.**

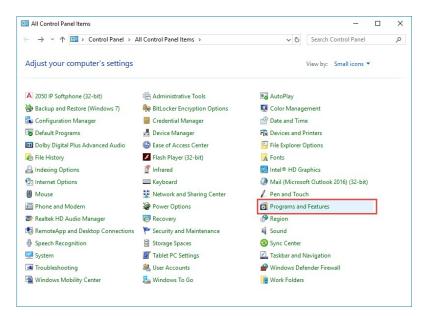


FIGURE 40 - WINDOWS® CONTROL PANEL

2. Scroll down to locate and click Everest Engine. Click Uninstall.

						×
← → × ↑ 🖬 > Control I	Panel > All Control Panel Items > Programs a	and Features		νõ	Search Programs and Feature	s p
Control Panel Home View installed updates	Uninstall or change a program					
Turn Windows features on or	To uninstall a program, select it from the	e list and then click Uninstall, Change,	or Repair.			
off	Organize 👻 Uninstall				BEE +	0
Install a program from the network	Name	Publisher	Installed On	Size	Version	
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FIGURE 41 – PROGRAMS AND FEATURES

You may be prompted to enter your administrator's credentials to proceed. Depending on your device, you may have to wait for up to 30 seconds while the Panini Everest Engine uninstalls from your PC.



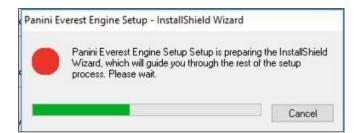


FIGURE 42 - PANINI EVEREST ENGINE UNINSTALLING

3. Click Yes to completely remove Panini Everest Engine.

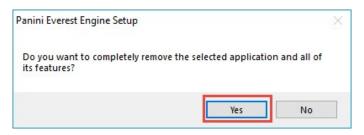


FIGURE 43 – PANINI EVEREST ENGINE UNINSTALLING

4. Click Finish

Panini Everest Engine Setup	
	InstallShield Wizard Complete Setup has finished installing Panini Everest Engine on your computer.
	< Back Finish Cancel

FIGURE 44 – PANINI EVEREST ENGINE UNINSTALLER COMPLETE

You have successfully uninstalled the Panini software from your device.



Additional Troubleshooting

Clear scanner settings from bRDC

The scanner settings are saved as temporary internet files on your PC. Sometimes, third-party applications, system policies, and browser configurations are set to clear or remove these files automatically. Perform the steps below to resolve these issues.

Internet Explorer

1. Open the Start Menu and type Internet Options. Select Internet Options.

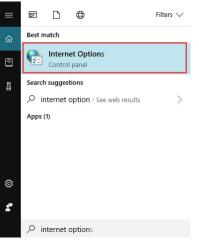


FIGURE 74 – WINDOWS® START MENU

2. In the Internet Properties window under **Browsing History**, ensure that the **Delete browsing history on exit** is <u>not</u> checked

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Tabs -						
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FIGURE 75 – WINDOWS® INTERNET OPTIONS



3. In Browsing History, click **Delete**.



FIGURE 76 - INTERNET OPTIONS BROWSING HISTORY DELETE

4. Check the Preserve Favorites website, Temp. Internet files and Cookies boxes. Select Delete.

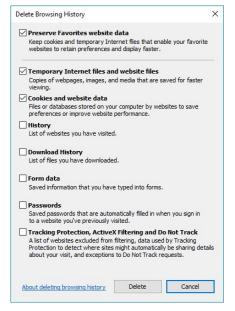


FIGURE 77 - INTERNET OPTIONS CACHE/COOKIES/TEMP FILES DLETE

5. Click OK or Apply.

Notes:

Confirm with your IT department that there are no system policies that will delete cached files.

Examine the system for any maintenance or system cleaning software, such as CCLeaner, or System Mechanic. Contact Ensenta support or your FI's administrator if the problem persists.

