

How to install Morpho RD Services & https Configuration steps

Checklist

- Morpho Device 1300 Series
- Laptop/Desktop
- Active Internet Connection





From where to get the drivers & how to extract?

- Click <u>here</u> to download the drivers.
- After downloading the file extract the file as showing in picture.

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How to install drivers?

- Open extracted folder "Morpho RD"
- Go to "Morpho_RD_2.0.1.15" Folder → open "EXE" folder
- Right click on exe and run as administrator.
- Follow the instruction in setup wizard to complete the installation

Name	<u> </u>	Date modified	Туре	Size
🔂 MorphoRd	ServiceL0SoftSetup.exe	9/22/2017 3:25 PM	Application	6,8
	Open			
	🛞 Run as administrator			
	Troubleshoot compatibility			
	🛜 Install with Revo Uninstaller	Pro		
	7-Zip	•		
	Edit with Notepad++			
	🐺 Data Protection	•		
	Share with	•		
	Scan for threats			

MSO Device Driver Installation:

- After RD Service installation restart the system then Connect white listed Morpho biometric scanner to the system. After connecting the device to the system the device driver will be installed.
- If device driver not installed then follow the below steps:
 A) Right click on Computer and click on manage.

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•	Selety North	•			
<u>n</u>	Noteoad	•	Documents		
	Stip Second Management Station	•	Pictures		
	Manual	•	Music		
	тантарын	,	Computer		
	Man	•			Open
0.0			Control Panel	0	<mark>Manage</mark>
1	contributed in ear		Devices and Printe	٣	Scan for threats
	Calculator		Default Programs		Map network drive
100	Pound	•			Disconnect network drive
			Help and Support	\checkmark	Show on Desktop
200	Remote Desktop Connection	•			Rename
	/ IIPs Elfabric				Properties

MSO Device Driver Installation:

B) Now click on **Device Manager and check Morpho** Smart CBM

- C) If the driver is present there with yellow warning sign then Right click on the device driver icon->click on Update Driver->"Browse My Computer for Driver Software" -> Let me Pick from a list of device drivers on my computer->Have Disk->Browse->go to "C:\Morpho\MorphoSmart USB Driver" and select "usbBioDriver.inf"" in Driver search location and click on next for completion of manual driver installation and restart the machine for driver installation finalization.
- After restart it should show as below in the Universal Serial Bus Controllers in device manager:

MSO Device Driver Installation:

D) If the device driver is not showing under Universal Serial Bus Controllers then please check under Other Devices there will be driver icon of Unknown Device. E) Right click on the **Unknown Device icon->click on Update Driver- >** "Browse My Computer for Driver Software" -> Let me Pick from a list of device drivers on my computer->Have Disk->Browse->go to "C:\Morpho\MorphoSmart USB Driver" and select "usbBioDriver.inf"" in Driver search location and click on next for completion of manual driver installation and restart the machine for driver installation finalization.

 After restart it should show as below in the Universal Serial Bus Controllers in device manager:

MSO Device Registration:

After device driver installation the device need to be registered.

Note: After successful device registration please restart Morpho RD Service to get update from Management Server.

How to restart Morpho RD Service:

Click on Start button and type services.msc in RUN window.
Now in windows services go to MorphoRDService and restart it.

File Action View Help								
🌼 Services (Local)	Services (Local)							
	Morpho RD Service	Name	Description	Status	Startup Type	Log On As 🔺		
	Stop the service Pause the service Restart the service	 McAfee Agent Ba McAfee Agent Co McAfee Agent Ser McAfee DLP Endp McAfee Drive Encr McAfee Firewall C McAfee Kervice C McAfee Service C McAfee Task Man McAfee Validation Media Center Exte 	McAfee Ag McAfee Ag McAfee Ag McAfee DL Coordinates Provides fir McAfee On Manages M Allows sche Provides val Allows Med	Started Started Started Started Started Started Started Started Started	Manual Automatic Automatic Automatic Automatic Manual Automatic Automatic Automatic Manual Disabled	Local Syste Local Syste		
		 Microsoft .NET Fr Microsoft .NET Fram Microsoft .NET Fr Microsoft .NET Fr Microsoft iSCSI Ini Microsoft Office D Microsoft Softwar Morpho RD Service MorphoSmart US Mozilla Maintena 	Microsoft ework NGEN v2. Microsoft Manages In Run portion Manages so Provides co The Mozilla	0.50727_X86 Started Started	Disabled Disabled Automatic (D Manual Manual Manual Automatic Automatic Manual	Local Syste Local Syste Local Syste Local Syste Local Syste Local Syste Local Syste Local Syste		
	Extended Standard							

Copy Server Certificate and Key:

- Go to Extracted folder Morpho RD Production Copy "ConfigSettings.ini", "server.crt" & "server.key".
- Now copy these files in :
- My Computer C Drive MorphoRdServiceL0Soft Copy and Replace the files here.

Name	Date modified	Туре	Size
ConfigSettings.ini	26-09-2018 15:39	Configuration sett	1 KB
hosts	26-09-2018 15:40	File	1 KB
Morpho_API.dll	01-11-2017 16:07	Application extens	152 KB
MSO100.dll	16-03-2017 04:24	Application extens	135 KB
📮 server.crt	17-10-2017 12:17	Security Certificate	2 KB
server.key	17-10-2017 12:17	KEY File	4 KB

Https Configuration:

Change in host file:

 Go to C:\Windows\System32\drivers\etc, copy hosts file on desktop and open it in notepad.

Name		Date modified
hosts	0	6/11/2009 2:30 AI
lmhosts.si	7-Zip	6/11/2009 2:30 AI
networks	Edit with Notepad++	6/11/2009 2:30 AI
protocol	WData Protection	6/11/2009 2:30 Al
Services	💙 Scan for threats	0/11/2005 2.50 A
	Restore previous versions	
	Send to	
	Cut	
	Сору	
	Create shortcut	
	Delete	

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This is a sample HOSTS file used by Microsoft TCP/IP for Windows.

This file contains the mappings of IP addresses to host names. Each # entry should be kept on an individual line. The IP address should # be placed in the first column followed by the corresponding host name. # The IP address and the host name should be separated by at least one # space.

Additionally, comments (such as these) may be inserted on individual # lines or following the machine name denoted by a '#' symbol.

For example:

127.0.0.1

102.54.94.97	rhino.acme.com	#	30	ource	se	rver
38.25.63.10	x.acme.com	#	х	clien	t	host

localhost name resolution is handled within DNS itself.
127.0.0.1 localhost
::1 localhost

localhost

Https settings for Chrome browser:

 In address bar type chrome://flags then press Ctrl+F button and in search box type insecure then click on enable to "Allow invalid certificates for resources loaded from localhost".

Chrome://flags ×	Ċ		
← → C Schrome chrome://flags	Å		
Strict site isolation Mac, Windows, Linux, Chrome OS, Android Highly experimental security mode that ensures each renderer process contains pages from at most one site. In this mode, out-of-process iframes will be used whenever an iframe is cross-site. <u>#enable-site-per-process</u> Enable	1/1	^	~
Top document isolation Mac, Windows, Linux, Chrome OS, Android Highly experimental performance mode where cross-site iframes are kept in a separate process from the top document. In this mode, iframes from different third-party sites will be allowed to share a process. <u>#enable-top-document-isolation</u> Default			
Use Blink's zoom for device scale factor. Mac, Windows, Linux, Chrome OS, Android If enabled, Blink uses its zooming mechanism to scale content for device scale factor. <u>#enable-use-zoom-for-dsf</u> Default			
Use an alternative Data Saver back end configuration. Mac, Windows, Linux, Chrome OS, Android Enable a different approach to saving data by configuring the back end server <u>#enable-data-reduction-proxy-server-experiment</u>			
Client-side Lo-Fi previews Mac, Windows, Linux, Chrome OS, Android Enable showing low fidelity images on slow networks. <u>#enable-client-lo-fi</u> Default			
Allow invalid certificates for resources loaded from localhost. Mac, Windows, Linux, Chrome OS, Android Allows requests to localhost over HTTPS even when an invalid certificate is presented. <u>#allow: <mark>Insecure</mark>-localhost</u> Enable			
App Banners Mac, Windows, Linux, Chrome OS Enable the display of Progressive Web App banners, which prompt a user to add a web app to their shelf, or other platform-specific equivalent. <u>#enable-app-banners</u> Default			
Experimental app banners Mac, Windows, Linux, Chrome OS, Android Enables a new experimental app banner flow and UI <u>#enable-experimental-app-banners</u>			



Thank you

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