

MANTRA MFS110 REGISTERED DEVICE SERVICE - MANUAL

WINDOWS

MANTRA SOFTECH INDIA PVT LTD
Version 1.1.0

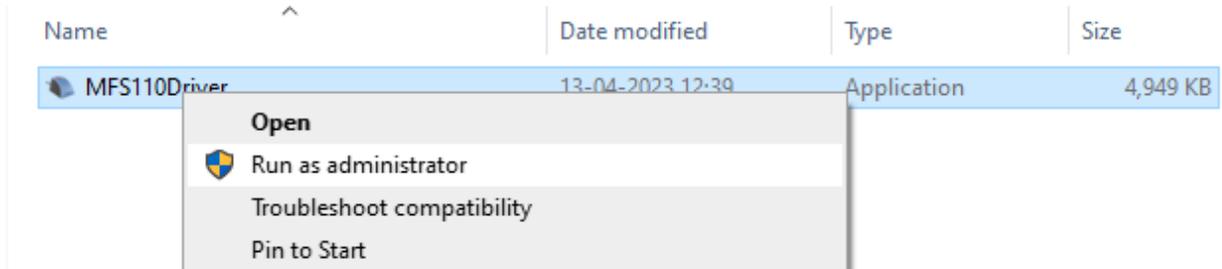
TABLE OF CONTENTS

1. Mantra MFS110 Driver Setup Installation.....	3
2. Mantra MFS110 RD Service Installation.....	4
3. MFS110 L1 Registered Device	7
4. RD Service Test Application	8
5. Proxy Setting	10
6. Browser Configuration for RD Service	12
7. Configure System Time Zone	15
8. Device Registration on Management Server.....	16
9. Technical Support	16
10. Development Support	16

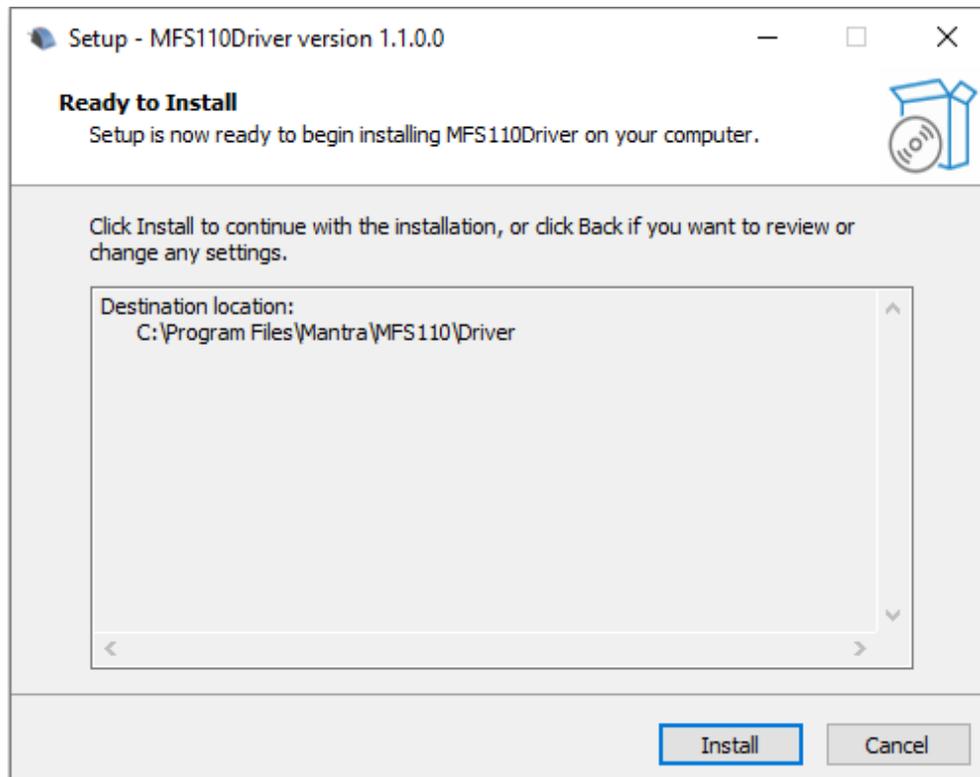
1. Mantra MFS110 Driver Setup Installation.

1. Start installation:

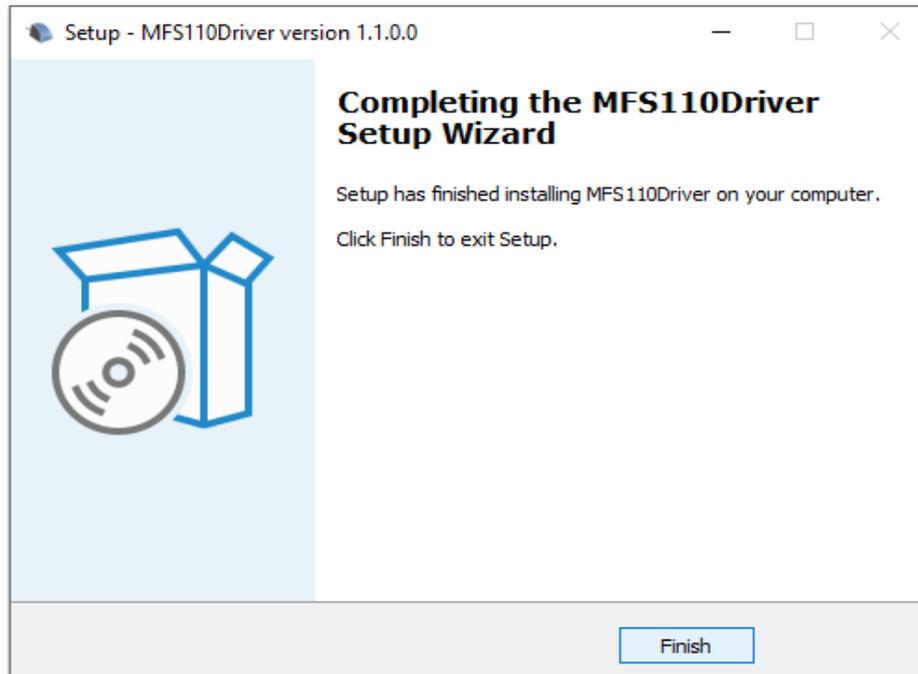
Right click on setup file and select “Run as administrator”.



2. Welcome Wizard and Destination Location:



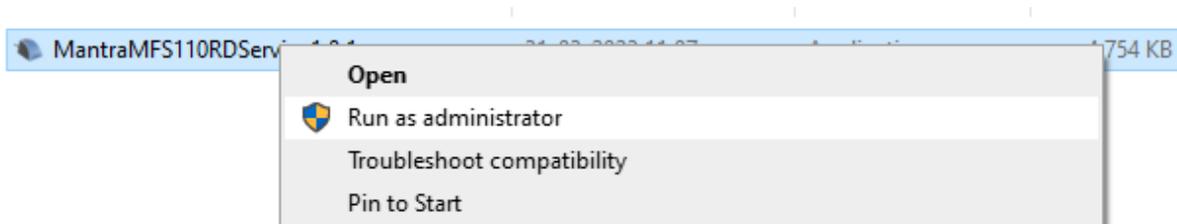
3. Finish Driver Installation



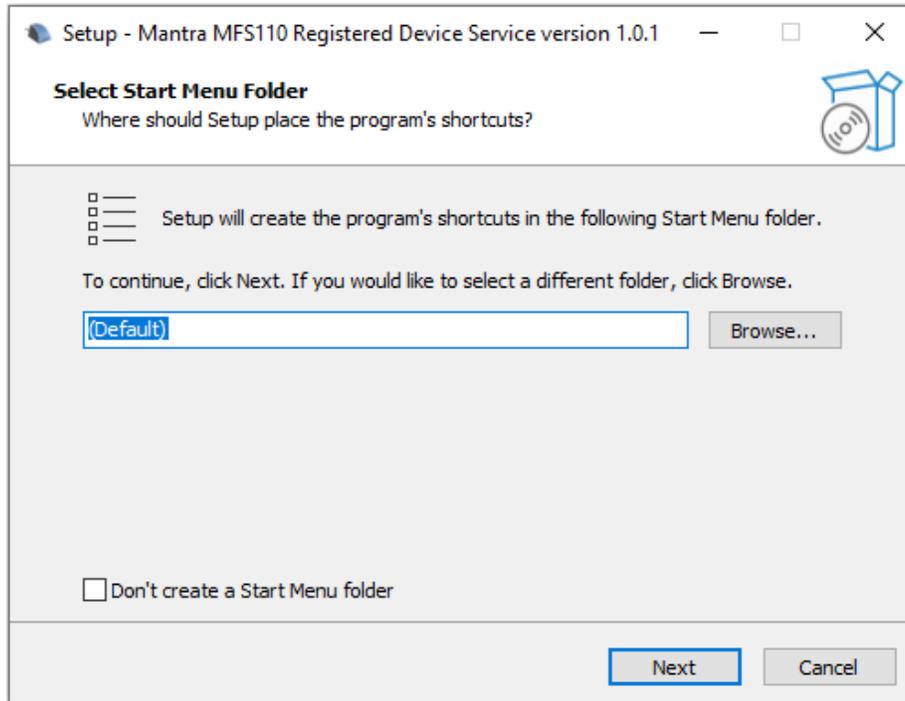
2. Mantra MFS110 RD Service Installation.

1. Start installation:

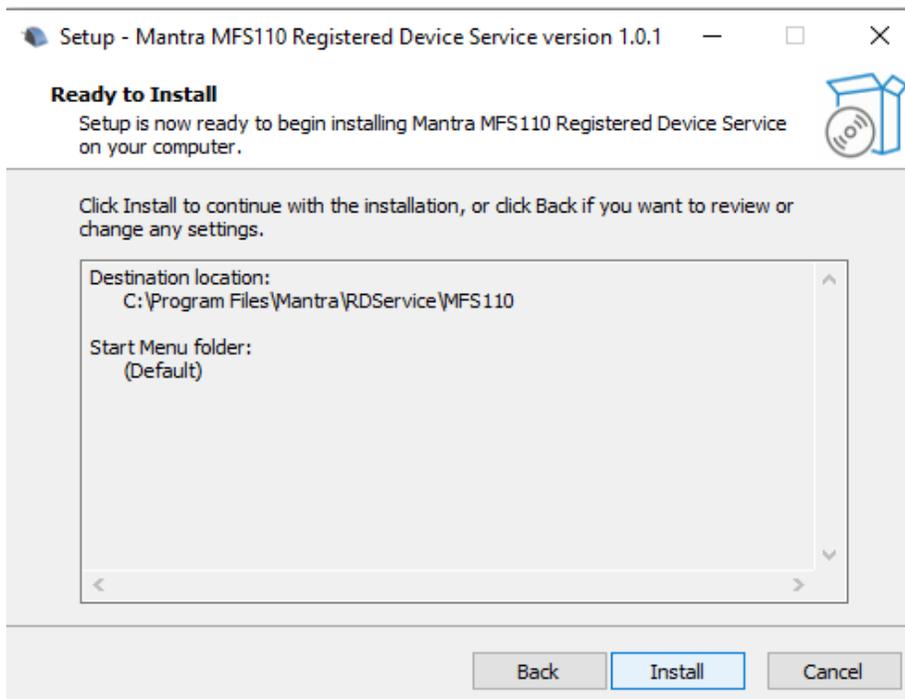
- Right click on setup file and select **“Run as administrator”**.



2. Welcome Wizard:



3. Destination Location:



4. Finish RD Service Installation:

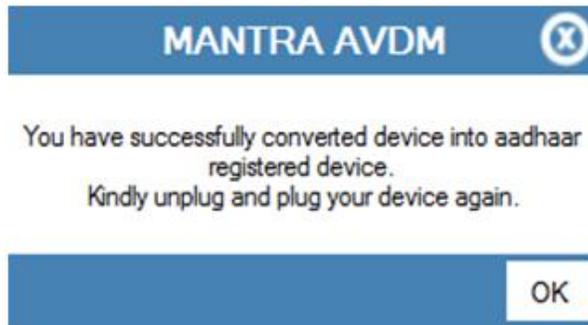


- After installation of RD Service, it can be found under Services form “Control Panel\All Control Panel Items\Administrative Tools”.

Services (Local)					
	Name	Description	Status	Startup Type	Log On As
Mantra MFS110 AVDM					
Stop the service					
Restart the service					
	Mantra AVDM	Mantra Aad...	Running	Automatic	Local System...
	Mantra MFS110 AVDM	Mantra MFS...	Running	Automatic	Local System...
	Mantra MIS100V2 AVDM	Mantra MIS...	Running	Automatic	Local System...

3. MFS110 L1 Registered Device

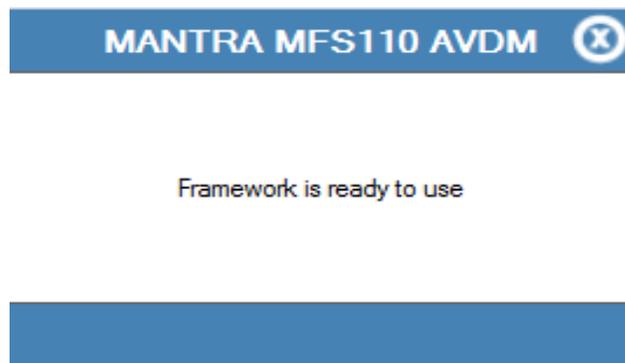
- When RD Service will detect device then it will convert it into registered device and user will be notified with success response by RD Service.
- After that you need to unplug and plug your device.



- If your device is not listed at Mantra Management Server than user will be notified with below message so in this case you need to contact with our Service Team at <http://servico.mantratecapp.com> Or **079-49068000 / 079- 69268000**.



- Once registered MFS110 device will be plugged to the system, RD service will detect it automatically and validate it on Mantra's Management Server.
- Once validation competed then it will generate below popup for user information.



- By calling capture function of RD service, user can capture biometric data.

The screenshot displays the 'Capture' configuration page in the Mantra Management Server. At the top, there are four buttons: 'Discover AVDM', 'Device Info', 'Capture' (highlighted in green), and 'Reset'. Below these is a 'Select Option to Capture' section with various input fields for AVDM, Timeout, PTimeout, PId/Ver, Env, Client Key, OTP, Wadh, Finger Count, Face Count, Iris Type, Iris Count, and Finger Type. The 'AVDM' dropdown is set to '(READY-11100)Mantra MFS110 Authentication Vendor Device Manager'. The 'Data Type' is set to 'X'. The 'Wadh' field is empty. 'Finger Count' is '1', 'Face Count' is '0', and 'Iris Type' is 'SELECT'. 'Timeout' is '10000', 'PTimeout' is '20000', 'PId/Ver' is '2.0', and 'Env' is 'PP'. 'Client Key' and 'OTP' are 'Enter text'. Below the configuration fields are three sections: 'AVDM / Device Info', 'Pid Options', and 'Pid Data'. 'AVDM / Device Info' shows a truncated XML snippet. 'Pid Options' shows a truncated XML snippet for options. 'Pid Data' shows a truncated XML snippet for the captured data, including fields like 'errInfo', 'fCount', 'fType', 'nmPoints', 'qScore', 'DeviceInfo', and 'mc'.

Mantra Management Server

- It is necessary that RD service installed in client machine must interact with Mantra's Management Server.
- For that, client machine must access the domain <https://aadhaardevice.com> and it's all sub-domains.

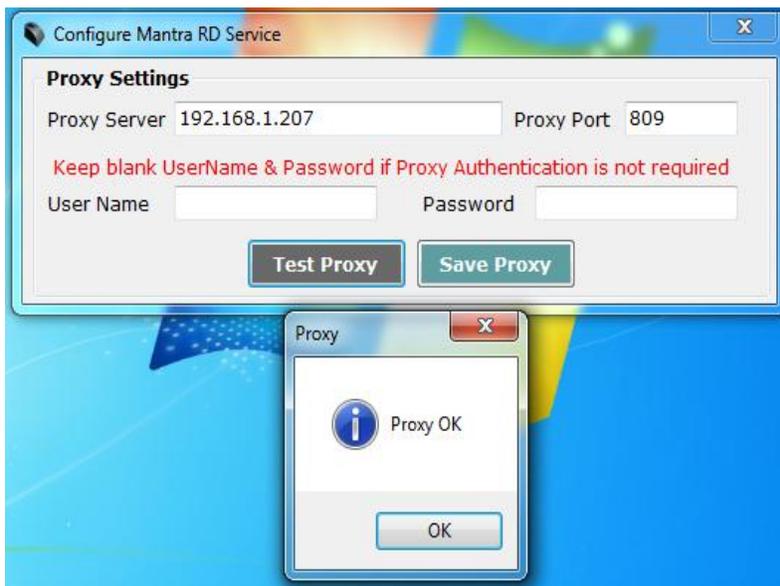
5. Proxy Setting

Proxy in Network (if proxy is required to connect internet)

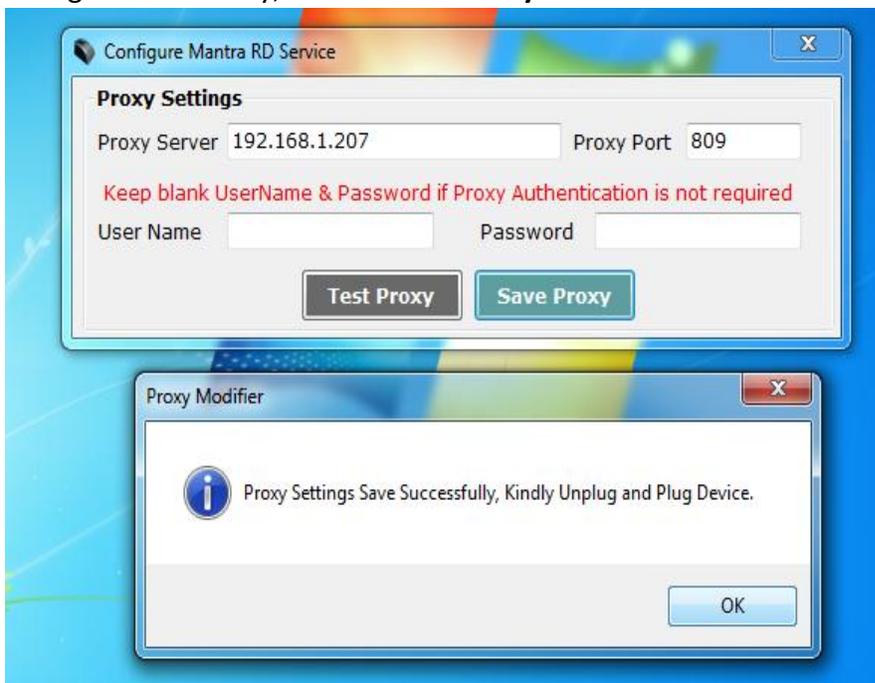
- After installation of RD Service below Application – **Config Mantra MFS110 RDSservice** shortcut will be available on ‘desktop’ as well as in ‘All Programs’.



- Enter Username and Password if Proxy Authentication is required otherwise keep as Blank.



- On "OK" Message of Test Proxy, click on **Save Proxy**.



- You need to **"Unplug and Plug"** device so RD Service will take that proxy setting to communicate "Mantra Management Server".

6. Browser Configuration for RD Service

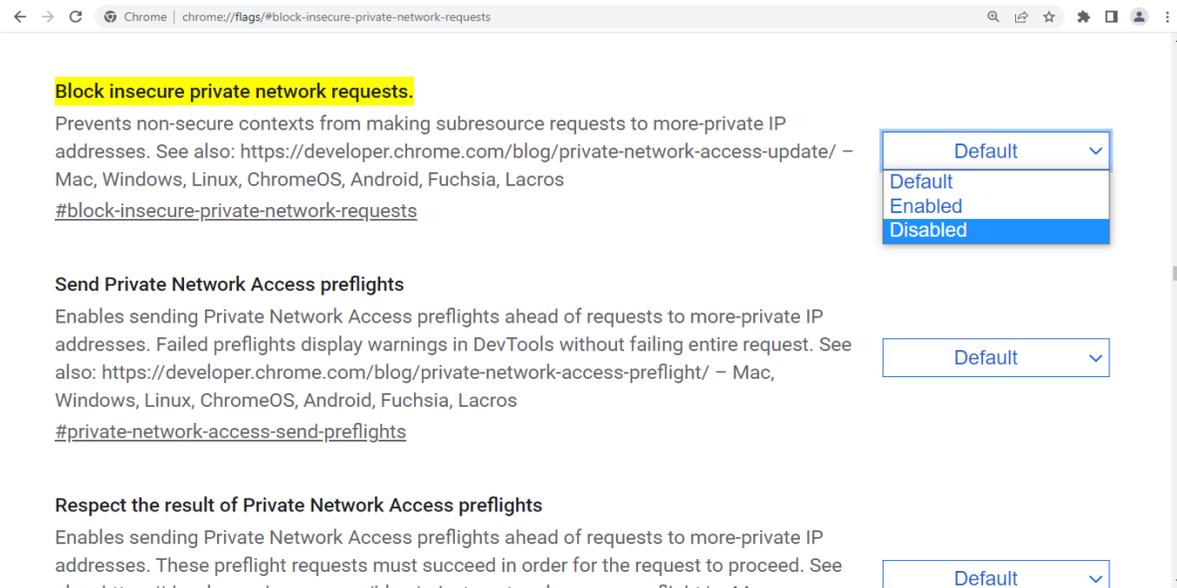
There is no any configuration require in Chrome or Firefox if web application is running on **HTTPS**.

Below browser configuration for HTTP request only.

1) Chrome (For HTTP Request only)

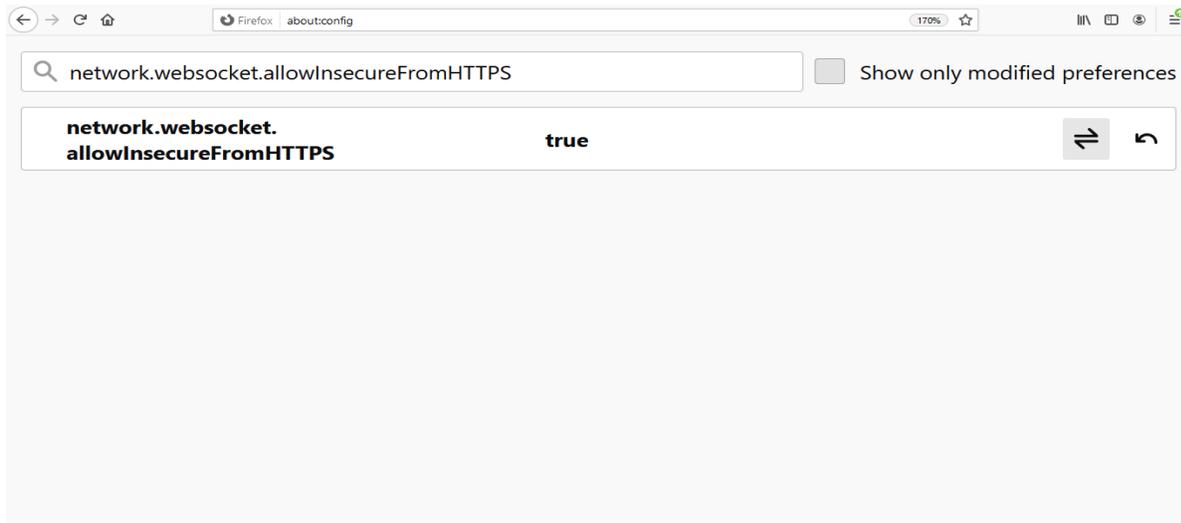
If Web Application which is calling RD Service API is running on HTTP then configure your chrome browser as below.

Browse below URL to change value to 'Disable' for 'Block insecure private network requests'
<chrome://flags/#block-insecure-private-network-requests>



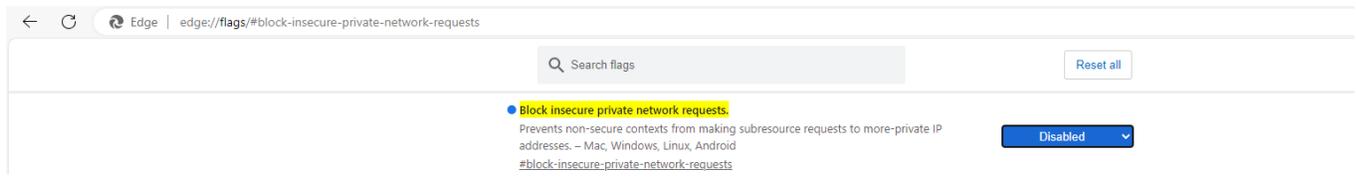
2) Firefox (For HTTP Request only)

Browse below URL to change value to **TRUE** for '**network.websocket.allowInsecureFromHTTPS**'
about:config

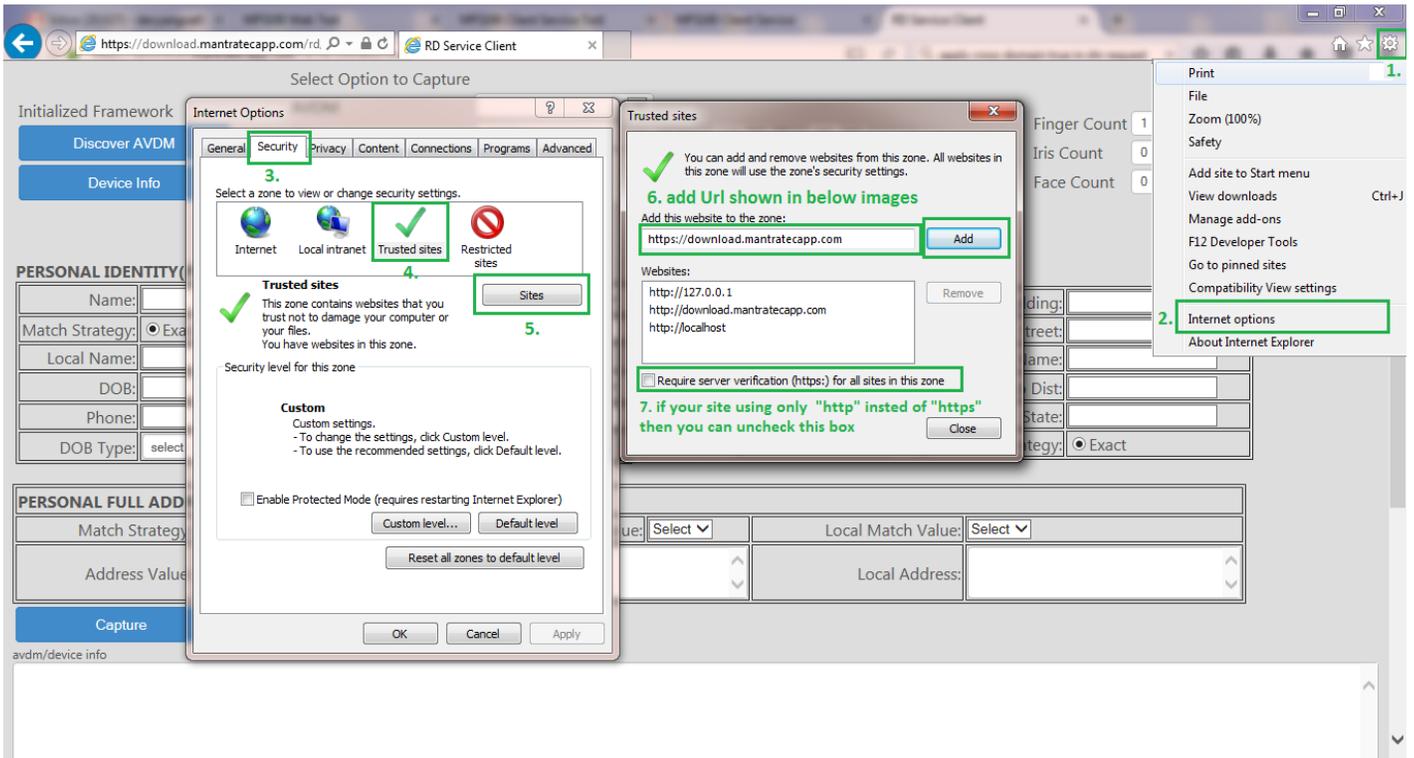
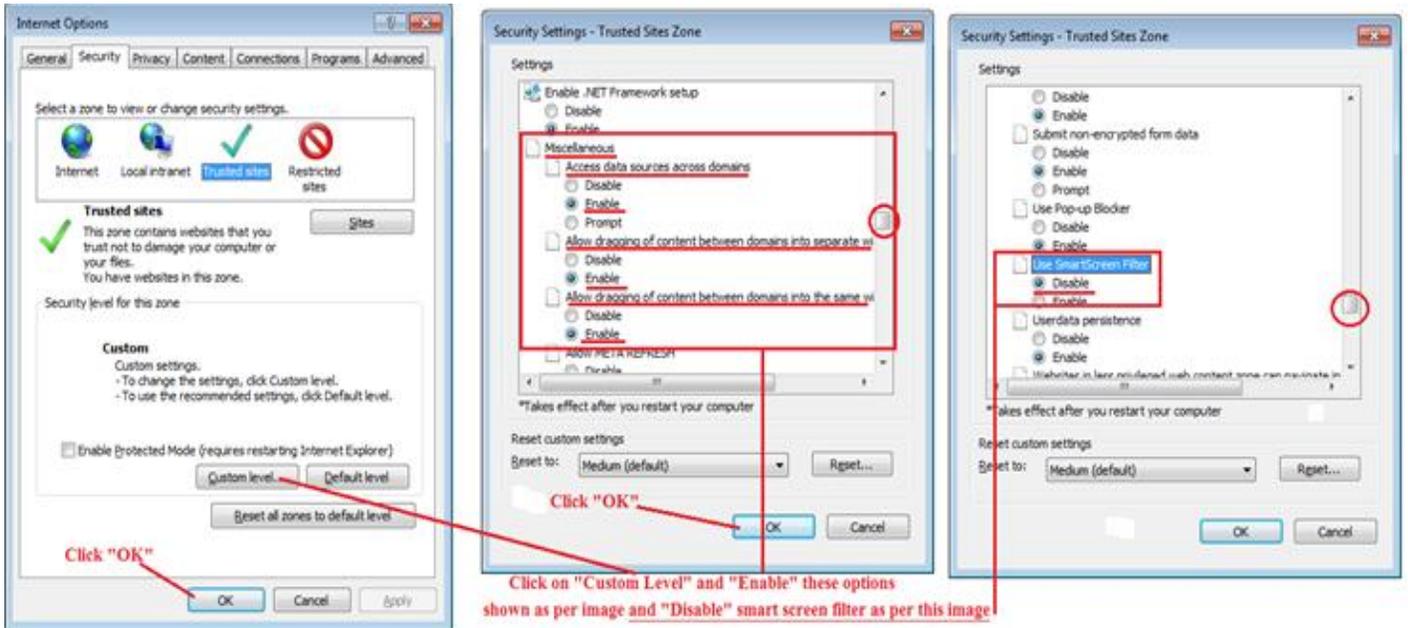


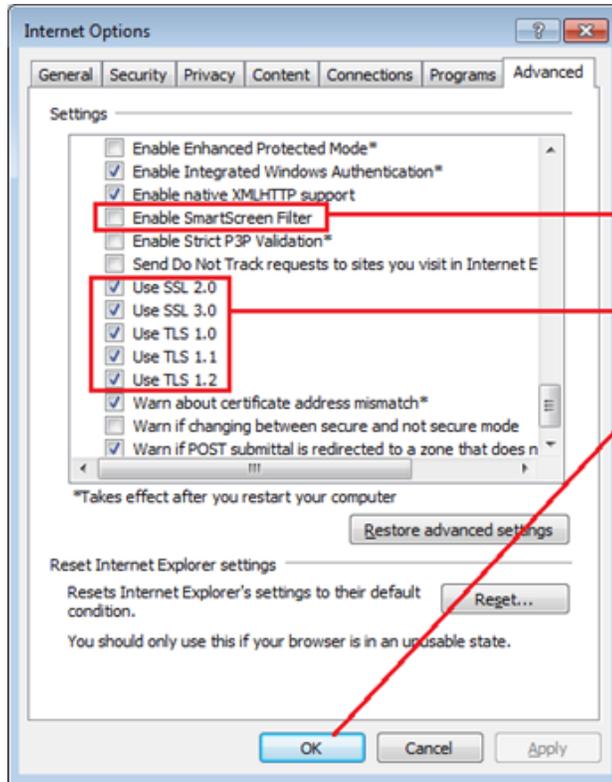
3) Microsoft Edge (For HTTP Request only)

Browse below URL to change value to 'Disable' for 'Block insecure private network requests'
edge://flags/#block-insecure-private-network-requests



4) Internet Explorer (For HTTP and HTTPS)





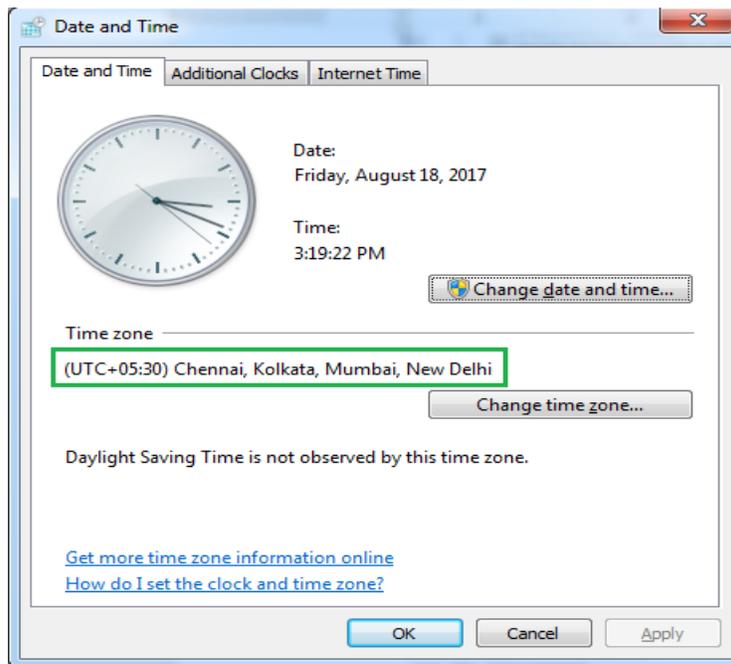
Uncheck this check box if it is checked.

Check all these check box if it is unchecked

Click "OK"

Restart "Internet Explorer" browser and then test again for capture finger

7. Configure System Time Zone



8. Device Registration on Management Server

To list device pre-production or production, send serial number of device to

servico@mantratec.com

079-49068000 or 079-69268000

9. Technical Support

Mantra Support Team

servico@mantratec.com

079-49068000 or 079-69268000

This information can be shared with your clients or end user for any kind of technical support.

10. Development Support

Mantra Support Team

devsupport@mantratec.com

This email id for Developer only regarding integration of RD Service in Windows or Android Application.