MFS100 CLIENT SERVICE INSTALLATION MANUAL

MANTRA SOFTECH INDIA PVT. LTD

AHMEDABAD, GUJARAT, INDIA

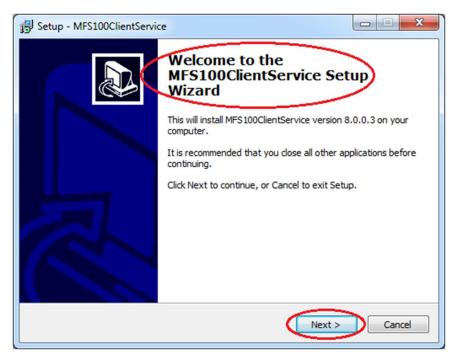
1. Start installation:

Right click on setup file and select "Run as administrator".

Note: To install MFS100 scanner drivers and necessary service, setup need to access system32 folder. In this case setup need administrator privileges.

| NFS100ClientService.exm | - | 0/2/2015 11:57 AM Application | 2,471 KB |
|-------------------------|---|--|----------|
| | _ | Open | |
| | ۲ | Run as administrator | |
| | | Troubleshoot compatibility Select Left File for Compare Add to archive Add to "MFS100ClientService.rar" Compress and email Compress to "MFS100ClientService.rar" and email ZoneAlarm Pin to Taskbar Pin to Start Menu Restore previous versions | |
| | | Send to Cut Cut Copy Create shortcut Delete Rename Properties | |

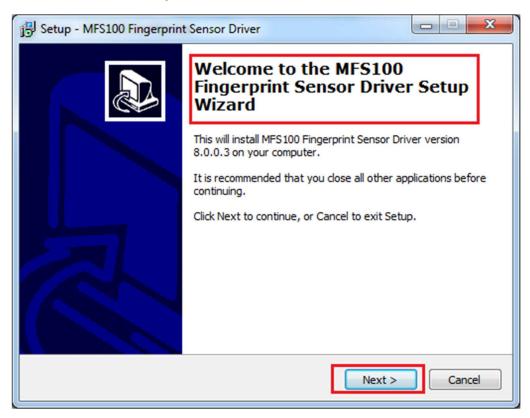
2. Welcome Wizard:



3. Destination Location

| 🔂 Setup - MFS100ClientService | X |
|---|----------|
| Ready to Install Setup is now ready to begin installing MFS100ClientService on your computer. | |
| Click Install to continue with the installation, or click Back if you want to review or change any settings. | |
| Destination location: C:\Program Files\Mantra\MFS100ClientService | * |
| | |
| | |
| | Ŧ |
| 4 | |
| < <u>B</u> ack Install (| Cancel |

4. MFS100 Scanner Driver Setup Wizard



5. Driver Installation Directory

| 🔂 Setup - MFS100 Fingerprint Sensor Driver | |
|---|-----------|
| Select Destination Location Where should MFS 100 Fingerprint Sensor Driver be installed? | |
| Setup will install MFS 100 Fingerprint Sensor Driver into the following |) folder. |
| To continue, click Next. If you would like to select a different folder, click Bro | wse. |
| C: \Program Files (x86)\MFS100 Fingerprint Sensor Driver | owse |
| | |
| At least 3.6 MB of free disk space is required. | |
| < <u>B</u> ack | Cancel |

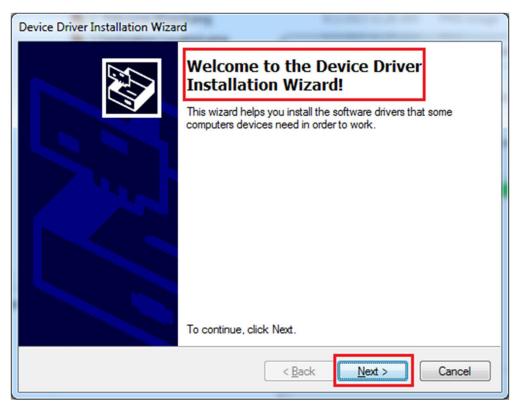
6. Driver Start Menu Directory

| 🔁 Setup - MFS100 Fingerprint Sensor Driver | X |
|--|-----|
| Select Start Menu Folder Where should Setup place the program's shortcuts? | |
| Setup will create the program's shortcuts in the following Start Menu folder. | |
| To continue, click Next. If you would like to select a different folder, click Browse. | |
| MFS100 Fingerprint Sensor Driver Browse |] |
| | |
| | |
| | |
| | |
| < <u>B</u> ack Next > Can | cel |

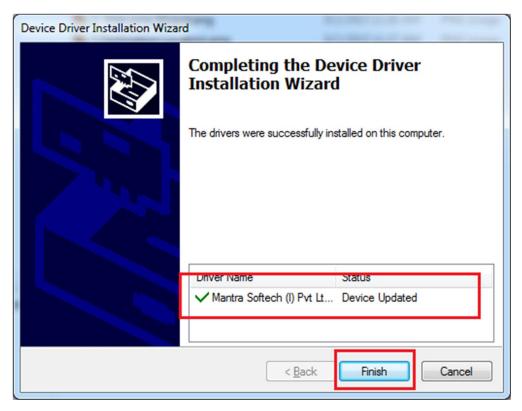
7. Driver Directories Confirmation

| 🔁 s | etup - MFS100 Fingerprint Sensor Driver |
|-----|--|
| 1 | Ready to Install Setup is now ready to begin installing MFS100 Fingerprint Sensor Driver on your computer. |
| | Click Install to continue with the installation, or click Back if you want to review or change any settings. |
| | Destination location: C:\Program Files (x86)\MFS 100 Fingerprint Sensor Driver Start Menu folder: MFS 100 Fingerprint Sensor Driver |
| | |
| | |
| | < <u>B</u> ack Install Cancel |

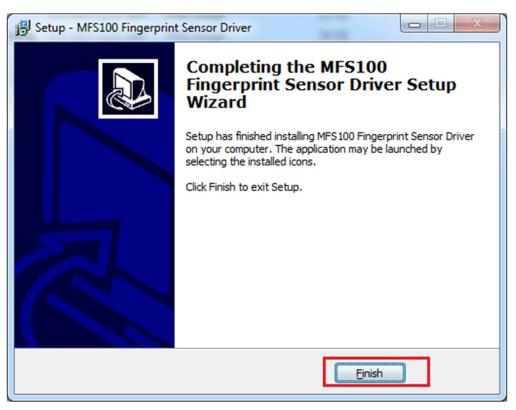
8. Start Driver Installation



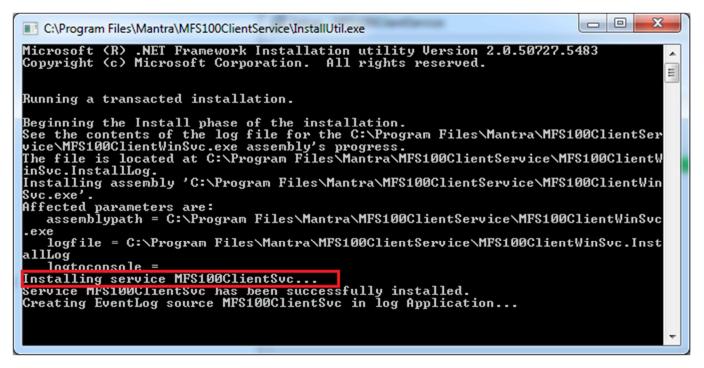
9. Completing Driver Installation



10. Finish Driver Installation



11. Installing MFS100 Client Service



12. Finish MFS100ClientService Installation



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13. Opening Certificate Installation Page

Internet Explorer:

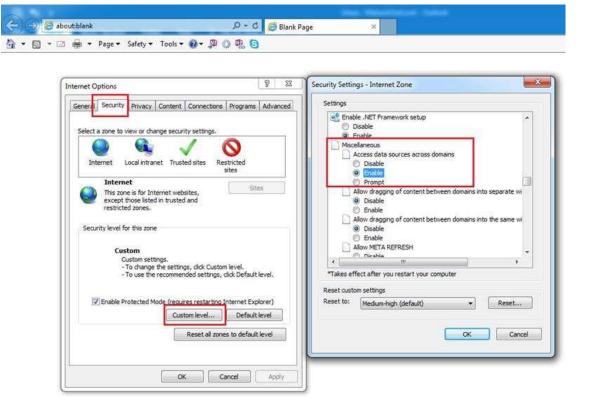
Setup will automatically open service URL as below or you can manually browser the URL https://localhost:8003/mfs100

Once URL is open, it will as for select certificate as shown in below image. Select the proper certificate. For other browser setting discussed later in this document.

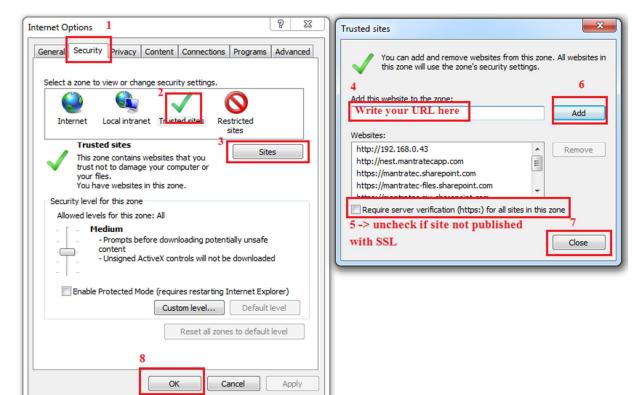


Once, certificate selected, you need to do setting for IE as discussed below.

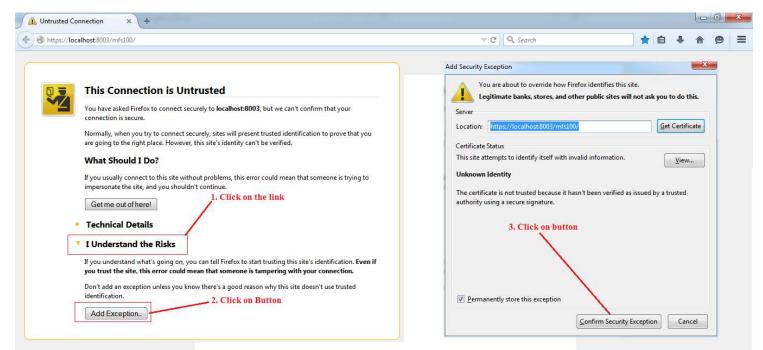
Setting for cross domain security. Go to internet option through "Menu→Tools→Internet Options"



Allow your site to access cross domain.



Firefox (Old version)



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Firefox (Latest Version)

| A Insecure Connection × + | | | | | - ¢ | |
|---|--|-------------------------|-------------------------------------|------|-----|---|
| (i) https://localhost/8003/mfs100 | C ^e Q Search | ☆自 | • | ⋒ | ø | Ξ |
| Most Visited 🥑 Getting Started | | | | | | |
| Your connection is not secure The owner of localhost has configured their website improperly. To protect your information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to this website. Internet information from being stolen, Firefox has not connected to the important. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Firefox has not connected to be importent. Internet information from being stolen, Fire | Add Security Exception You are about to override how Firefox ider Legitimate banks, stores, and other public Server Location: <u>https://localhost/8003/mfs100/</u> Certificate Status This site attempts to identify itself with invalid info Unknown Identity The certificate is not trusted because it hasn't been authority using a secure signature. 3. Click on button <u>P</u> ermanently store this exception | ic sites will not ask y | <u>G</u> et Certifi <u>V</u> iew | cate | | |

14. Opening Test Page with below link (Click or Ctrl + Click)

file:///C:/Program%20Files/Mantra/MFS100/MFS100ClientService/Test/MFS100ClientServiceTest.htm

| C:\Program Files\M | antra\MFS100\MFS100ClientService | ・ 🍳 😸 C:\Program Files\I | Mantra∖ × | | | | | 6 🖈 🥴 |
|---------------------------|-------------------------------------|------------------------------------|---------------|---|----|--------------------|---|--------|
| 🟠 🔹 🖾 👻 🚔 💌 Page | 🔹 Safety 👻 Tools 👻 🔞 🖉 🦉 | 1 <mark>8</mark> 0 | | | | | | |
| | | First time capture may tak | | cript or not. If yes then enable a the button "Click To Captur | | | | , |
| Get Info Capture M | atch Capture and Match | Get PID Data | | | | | | |
| | Serial No: | | | | | | | |
| | Make: | | | | | | | |
| | Model: | | | | | | | |
| | Width: | | | | | | | |
| | Height: | | | | | | | |
| | Local MAC: | | | | | | | |
| | Local IP | | | | | | | |
| Status: | | | | | | | | |
| Quality: | | | | | | | | |
| NFIQ: | | | | | | | | |
| | | | | | | | | ~ |
| Base64Encoded ISO Templa | te | | | | | | | ~ |
| | | | | | | | | |
| Base64Encoded ISO Image | | | | | | | | ^ |
| Disco (Encoded 150 Intige | | | | | | | | \sim |
| | | | | | | | | |
| Base64Encoded Raw Data | | | | | | | | 0 |
| | | | | | | | | |
| Base64Encoded Wsq Image 1 | Data | | | | | | | ~ |
| Daseo+Encoded wsq image | Jala | | | | | | | \sim |
| | | | | | | | | |
| Encrypted Base64Encoded P | id | | | | | | | 0 |
| | | | | | r | | | ~ |
| Encrypted Base64Encoded | Internet Explorer restricted this w | ebpage from running scripts or Act | veX controls. | | AI | ow blocked content | × | ~ • |
| | | | | | | | | |

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15. Capturing Finger

| file:///C:/ProgrServiceTest.htm × | + i Biogeone | 19 W | | - 0 | |
|---|--|--|--|-------------------|----|
|) 🛞 file:///C:/Program Files/Mantra/I | /FS100/MFS100ClientService/Test/MFS100ClientServiceTest.htm | ∀ C Q Search | ☆ 自 ♣ | ^ 9 | |
| Get Info Capture Match | Please check that your bowser is asking for enable so First time capture may take time, so wait after click Capture and Match Get PID Data Serial No: Make: Model: Width: Height: Local MAC: Local IP | | | | |
| tus: | ErrorCode: 0 ErrorDescription: | | | | _ |
| ality: | 62 | | | | |
| FIQ: | 2 | | | | _ |
| se64Encoded ISO Template | RkiSacAyMAAAAAABAABPAFiAMUAxQERAAAoleCHANbYSUCaAOblQ4BoANoiZEC 8AVZ/UECmAE5/XUCOAEN8V4B/ANmrSUCmAN7TQ4CQAQeyZECfARDHXUBXARMoNU /AGiOV0CUAV-CCEEBpAVMJLODUAVF2UEBEAVhwIUBIADUTXUCQAO2CXYCHAP+tZI | C1ATBoNYC2AIfqZECVAUAHQ0DGAT5vZIB | - | | |
| se64Encoded ISO Image | RklSADAxMAAAAABtSYBAgAeAQEB9AH0AfQB9AgAAAAAbUGAAEBZAABPAFiAP/ /PZ8/Pz7+vr6+fn4+Pj5+fj2+Pn49fPz8/Py8/P19vb4+vn39fX3+Pj4+Pj5+vz /f29vX19fPz9FX09fX19fX19vb29vf3+Pj49vb2+Pj4+Pj4+Pr5+fn5 | 6+vn5+fn5+fb19Pb4+fn4+Pj4+Pn5+fj4+Pj49vb4+Pf | 29vb29/b3+Pf29vb19fk /Pz8/Pz9/Pz9/Pz8/Pz9 | 29vb29 /f7+/Pz | 28 |
| se64Encoded Raw Data | //v8/v/+/f////+/Pz9/f39/v7+/v79/f39/Pn3+fz8/Pz8/Pv6+vr5+fj4+Pn /X29vj6+ff19ff4+Pj4+Pn6+vr6+fn5+fn59vX09vj5+fj4+Pj4+fn5+Pj4+Pj2 /f4+Pj39vb4+Pj29vf4+Pn4+Pj4+vn5+fn5+fr6+vr6+/v7+vr6+vr7+/r6+vr6 | 9vj49/b29vb39vf49/b29vX19vb29vb39/b29fX18/P0 | | /v7+/v7 | 7+ |
| se64Encoded Wsq Image Data | /6D/qAB6TklTVF9DT00g0QpQSVhfV01EVEggMzE2C1BJWF9IRU1HSFQgMzU0C1B gV1NRC1dTUV9CSVRSQVRFIDEuMDAwMDAw/6gACE1BT1RSQf+kADoJBwAJMtMlzQ /+1AYUCACwbecwDkRsDe0wDkRsDe0wDkRsDe0wDkRsDjNQDqP8DibADpTkDg08D | AK4PMZmgEKQe/xmgELjidkzQAL4XmjMwAJLv9WAAEK+T | PTMwEL8ochmgAKJnfaM | FU1NJTO |)4 |
| crypted Base64Encoded Pid | | | | | |
| Contraction of the second s | | | | | |

16. Service Status: If you are facing problem in point 14 then please check service status shown as below figure.

| | | - | | | | | | |
|--------------------------|---|-----------------------|------------------------|---------------------|-------------------------|---|--|----|
| djust your computer's se | ettings | View by: Small | icons 🔻 | | | | | |
| Action Center | C Administrative Tools | -1. Contro | ol Pan | | | | | |
| Adobe Gamma (32-bit) | AutoPlay | | | G Services | | | | |
| Rackum and Porton | Color Management | | 1 | File Action V | ïew Help | | | |
| - | | | | (+ +) 🗊 🗉 | II • • II • • • II | D | | |
| All Control Par | nel Items 🕨 Administrative Tools 🔍 👻 🍕 | Search Administra | tive Tools | Services (Loca | O. Services (Local) | | | |
| | | | | Sang Services (2022 | 1993 Bentilder (Bentel) | - | | |
| Organize 👻 🔝 Open | | 8 | •• 🔳 | | MFS100 Client Service | Name | Description | St |
| Favorites | Name | Date modified | Туре | | Stop the service | Media Center Extender Service | Allows Med MFS100 Clie | St |
| Desktop | A | 7/14/9009 10:27 AM | Shortcut | | Restart the service | Microsoft .NET Framework | Microsoft | 2 |
| Downloads | Component Services Computer Management | 7/14/2009 10:27 AM | Shortcut | | 1.0 | Microsoft .NET Framework | Microsoft | |
| Dropbox | Computer Management Data Sources (ODBC) | 7/14/2009 10:23 AM | Shortcut | | Description: | Microsoft .NET Framework | Microsoft | |
| ConeDrive | Event Viewer | 7/14/2009 10:25 AM | CONSIDERATION CONTRACT | | MFS100 Client Service | Microsoft .NET Framework | Microsoft | |
| Recent Places | Internet Information Services (IIS) 6.0 Ma | 1/21/2015 1:59 PM | Shortcut | ministrat | IVE LOOIS | 🖏 Microsoft Forefront UAG En | Manages Fo | |
| inecent Places | Internet Information Services (IIS) Manager | 1/21/2013 1:59 PM | Shortcut | | | | Reports clie | S |
| Libraries | R. iSCSI Initiator | 1/21/2019 1:39 PM | Services and | | | Microsoft iSCSI Initiator Servi | | 10 |
| Documents | Local Security Policy | 1/22/2015 1:38 AM | 3. Se Shortcut | rvices — | | | and the second s | |
| Music | Performance Monitor | 7/14/2009 10:23 AM | Shortcut | | | Microsoft Software Shadow Mozilla Maintenance Service | Manages so The Mozilla | |
| Pictures | Print Management | 1/22/2015 1:37 AM | Shortcut | | | Multimedia Class Scheduler | Enables rela | |
| Videos | Services | 7/14/2009 10:24 AM | Shortcut | | | Net.Msmg Listener Adapter | Receives act | |
| | System Configuration | 7/14/2009 10:23 AM | Shortcut | | | 🔍 Net Pipe Listener Adapter | Receives act | |
| Computer | Task Scheduler | 7/14/2009 10:25 AM | Shortcut | | | Ret.Tcp Listener Adapter | Receives act | S |
| Local Disk (C:) | Windows Firewall with Advanced Security | 7/14/2009 10:24 AM | Shortcut | | | 🔍 Net.Tcp Port Sharing Service | Provides abi | |
| Source (D:) | Windows Memory Diagnostic | 7/14/2009 10:23 AM | Shortcut | | | 强 Netlogon | Maintains a | |
| Setups And Backups (I | Windows PowerShell Modules | 7/14/2009 10:23 AM | Shortcut | | | Network Access Protection | The Networ | |
| Ex1 (F:) | En maans encandi modula | 1/21/2000 11/02 Pilvi | SHOTCOL | | | Network Connections | Manages o | |
| Ev2 (Gr) | < [] | | _ | | | Network List Service | Identifies th | S |