Aadhaar Verification & Authentication
Step 1: Unblock the popup in the Firefox Browser.

-> Tools -> Options -> Content -> uncheck “Block pop-up windows”
Browser Settings

Step 2: Bypass the proxy settings in the Firefox browser.

- Go to Advanced -> Settings

- In ‘No Proxy For’ box, add “localhost”. **Note:** Also add a comma before localhost if box already contains some text.
Browser Settings are Completed.
Drivers Installation – Windows OS

**Pre-requisite step:** Download & Install .NET framework 3.5 SP1 software

a) If Windows 7 and above OS, then no need to install this pre-requirement software. Continue to next page.

b) If Windows Vista or XP, then download software from following link and install the dotnetfx35.exe setup


**Note:** If file download is not completing due to network issue, then download it from following external link and install the dotnetfx35.exe setup

Drivers Installation – Windows OS

Step 1: Download and install MFS100ClientService.exe

1) Download setup file from following link:

<< http://www.esic.in/InsuranceGlobalWebV5/Downloads/MFS100WindowsDrivers/MFS100ClientService.exe >>

2) Right click on setup file and select “Run as administrator”, as shown below:

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

Step 2: Welcome Wizard
Drivers Installation – Windows OS

Step 3: Destination Location

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

< Back  Install  Cancel
Step 4: MFS100 Scanner Driver Setup Wizard
Step 5: Driver Installation Directory

![Driver Installation Directory Screenshot](image-url)
Drivers Installation – Windows OS

Step 6: Driver Start Menu Directory

![Driver Start Menu Directory](image)
Drivers Installation – Windows OS

Step 7: Driver Directories Confirmation

![Driver directories confirmation window](image_url)
Drivers Installation – Windows OS

Step 8: Start Driver Installation
Drivers Installation – Windows OS

Step 9: Completing Driver Installation

![Completing Driver Installation Screen]

The drivers were successfully installed on this computer.

Driver Name: Mantra Softech (I) Pvt Ltd
Status: Device Updated

Finish button highlighted.
Drivers Installation – Windows OS

Step 10: Finish Driver Installation
Step 11: Installing MFS100 Client Service
Drivers Installation – Windows OS

Step 12: Finish MFS100ClientService Installation
Step 13: Opening Certificate Installation Page

Firefox (Old version)

1. Click on the link
2. Click on Button
3. Click on button

This Connection is Untrusted
You have asked Firefox to connect securely to localhost:8003, but we can't confirm that your connection is secure.

Normally, when you try to connect securely, sites will present trusted identification to prove that you are going to the right place. However, this site's identity can't be verified.

What Should I Do?
If you usually connect to this site without problems, this error could mean that someone is trying to impersonate the site, and you shouldn’t continue.

Get me out of here!

Technical Details

I Understand the Risks
If you understand what's going on, you can tell Firefox to start trusting this site's identification. Even if you trust the site, this error could mean that someone is tampering with your connection.

Don't add an exception unless you know there's a good reason why this site doesn't use trusted identification.

Add Exception...
Drivers Installation – Windows OS

FireFox (Latest Version)

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.

1. Click on the Button

2. Click on button

localhost:8003 uses an invalid security certificate.

The certificate is not trusted because the issuer certificate is unknown. The server might not be sending the appropriate intermediate certificates. An additional root certificate may need to be imported.

Error code: SEC_ERROR_UNKNOWN_ISSUER

3. Click on button

You are about to override how Firefox identifies this site. Legitimate banks, stores, and other public sites will not ask you to do this.

Unknown Identity

The certificate is not trusted because it hasn’t been verified as issued by a trusted authority using a secure signature.
Step 14: Opening Test Page with below link (Click or Ctrl + Click)
file:///C:/Program%20Files/Mantra/MFS100/MFS100ClientService/Test/MFS100ClientServiceTest.htm
Drivers Installation – Windows OS

Step 15: Capturing Finger

Please check that your browser is asking for enable script or not. If yes then enable it. First time capture may take time, so wait after click the button “Click To Capture”

<table>
<thead>
<tr>
<th>Status</th>
<th>Quality: 62</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base64 Encoded ISO Template</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base64 Encoded ISO Image</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base64 Encoded Raw Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base64 Encoded Wsq Image Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Encrypted Base64 Encoded Pid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Step 16: Service Status (for troubleshooting purpose)

If you are facing problem in point 14 then please check service status shown as below figure.
Drivers Installation – Windows OS

Drivers Installation for Windows OS is completed.
Drivers Installation – Linux OS

Below steps will demonstrate that how to configure MFS100 device in LINUX SUSE 10.3 to work with ESIC application for AADHAAR Authentication purpose.

Please note, you must have to root user privileges for configuring device in to your system.

Step 1: Download setup and prepare to installation
1) Download/pickup setup “mfs100-1.4-4.i586.rpm” from following link and put on your “Desktop”
   << http://www.esic.in/InsuranceGlobalWebV5/Downloads/MFS100LinuxDrivers/mfs100-1.4-4.i586.rpm >>
2) Do right click of mouse anywhere on your desktop screen and select the option of “Open Terminal”.
3) Terminal windows will open as per below figure.
Step 2: terminal and navigation

Login as “root” user in terminal and navigate to the path of “Desktop”

4) Type “su” and hit enter
5) If you have not rights of root user then terminal will ask for password, here enter your root user password.
6) Type “cd Desktop” and hit enter to navigate to the path of “Desktop” where you have put setup in point 1.

(See below figure for more information)
Drivers Installation – Linux OS

Step 3 : Uninstall/Install Setup

Uninstall/Install Setup of mfs100-1.4-4.i586.rpm

7) Type “rpm –e mfs100-1.4-4” and hit enter. If setup is already installed then this command will remove it first.

8) Type “rpm –ivh mfs100-1.4-4.i586.rpm” and hit enter. This will install the setup in your computer.

(See below figure for more information)
Drivers Installation – Linux OS

Step 4 : Verification of installation

Verification of installation

9) After completion of installation, please verify logs shown in below figure.

![Log Verification Image]
Drivers Installation – Linux OS

Drivers Installation for Linux OS is completed.
Please select the link to proceed to Aadhaar Verification & Authentication
Aadhaar Authentication and Verification Process

Using Insurance Number

Select the tab labelled “Using Insurance Number”, provide the IP number and click on “Submit” to view the details.
Aadhaar Authentication and Verification Process

Select the IP number from the displayed results.

Click on “Biometric Authentication” to authenticate the aadhaar number of the IP.
Aadhaar Authentication and Verification Process

Scan for the biometrics and click on Authenticate

Authentication Successful
Aadhaar Authentication and Verification Process

<table>
<thead>
<tr>
<th>Select</th>
<th>Insurance Number</th>
<th>Employee Relation</th>
<th>Name</th>
<th>Gender</th>
<th>Date of Birth</th>
<th>Aadhaar Number</th>
<th>Verification Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>118999000060</td>
<td>Self</td>
<td>Karri Yamin</td>
<td>F</td>
<td>30/06/1992</td>
<td>720328768635</td>
<td>Verified</td>
</tr>
<tr>
<td>☐</td>
<td>118999000060</td>
<td>Spouse</td>
<td>jhjhhjhhj</td>
<td>M</td>
<td>04/05/2010</td>
<td>720328768635</td>
<td>DUPLICATE</td>
</tr>
<tr>
<td>☐</td>
<td>118999000060</td>
<td>Spouse</td>
<td>Aishwarya</td>
<td>M</td>
<td>01/05/2010</td>
<td>725328069999</td>
<td>Not Verified</td>
</tr>
<tr>
<td>☐</td>
<td>118999000060</td>
<td>Nominee</td>
<td>Default Name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The authenticated IP status is changed to “Verified” and if same aadhaar number is present against any other the status is updated to “Duplicate”.
Aadhaar Authentication and Verification Process

Trying to authenticate the duplicate aadhaar record.
Aadhaar Authentication and Verification Process

Scan for the biometrics and click on Authenticate

Authentication Failed
Aadhaar Authentication and Verification Process

Using Aadhaar Number

Provide the Aadhaar Number and click on “Submit”.
Aadhaar Authentication and Verification Process

Select a record from the displayed results and proceed for authentication as mentioned in above slides.
The functionality to edit the aadhaar number is provided for the LDC/UDC alone.
Edit Aadhaar Number – LDC/UDC

Using Aadhaar Number

Provide the Aadhaar Number and click on “Get Details”.
Edit Aadhaar Number – LDC/UDC

Click on “Edit” to modify the aadhaar number.
Edit Aadhaar Number – LDC/UDC

Edit the aadhaar number, provide the reason for edit and click on “Submit”.
Please select “Demographics” to authenticate demographics.
Demographics authentication failed.
Please select “Biometrics” for biometric authentication.
Edit Aadhaar Number – LDC/UDC

Biometric authentication failed.
Edit Aadhaar Number – LDC/UDC

Using Insurance Number

![Image of ESIC Employees' State Insurance Corporation interface]

Edit the aadhaar number and click on “Submit”.

<table>
<thead>
<tr>
<th>IP Number</th>
<th>Relation</th>
<th>Name</th>
<th>Gender</th>
<th>Date Of Birth</th>
<th>Address</th>
<th>Aadhaar Number</th>
<th>Reason For Edit</th>
<th>Submit</th>
<th>Cancel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1199900200</td>
<td>Self</td>
<td>Kani Yamini</td>
<td>F</td>
<td>30/05/1992</td>
<td>default address 530020</td>
<td>729525768558</td>
<td>test reason</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Please select “Biometrics” for biometric authentication.
Edit Aadhaar Number – LDC/UDC

Biometric authentication Successful and aadhaar number is updated.
Edit Aadhaar Number – LDC/UDC

Edit the aadhaar number and click on “Submit”.

Submit
Cancel
Please select “Demographics” to authenticate demographics.
Demographics authentication successful and aadhaar number is updated.
Provide the user name and password and login to the application.
Select “Health Information System”
Select the location and facility and click on Submit.
Aadhaar Authentication and Verification - Dhanwanthri

Select Patient Check-In/Registration
Enter the IP number and click on Live List.
On selecting the aadhaar number it will be redirected to authentication screen.

Note: Click on aadhaar no. to authenticate.
Select the IP number from the displayed results.

Click on “Biometric Authentication” to authenticate the aadhaar number of the IP.

Now the process is same as explained in initial slides.
THANK YOU