

Matrix Technical Support Mailer-27

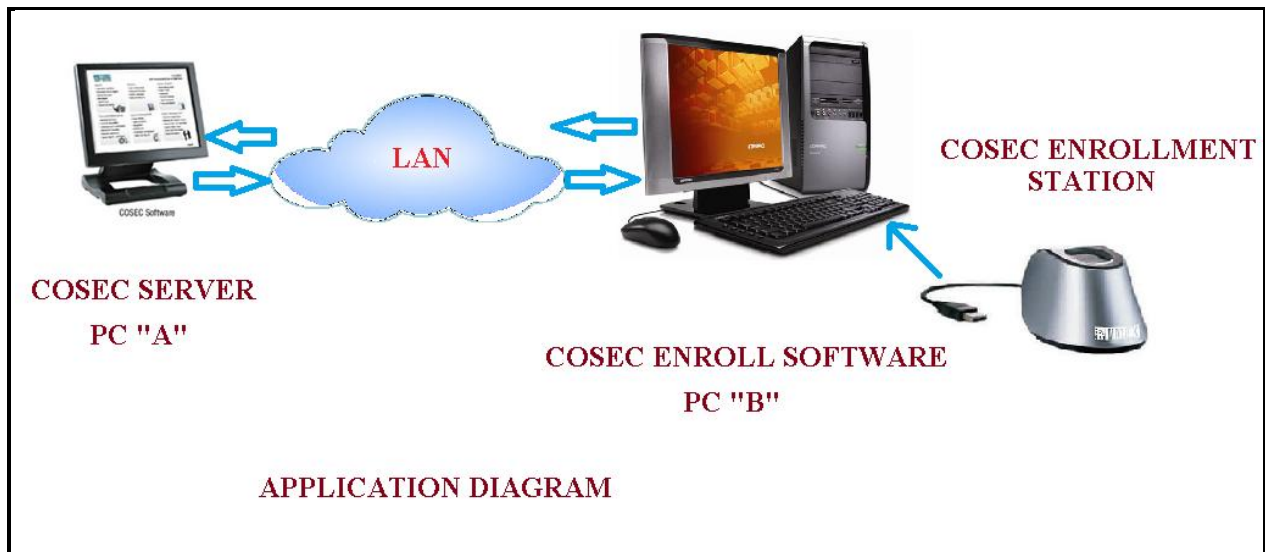
Finger Enrollment through COSEC Enroll Software

Dear Friends,

This MTSM will help the Matrix COSEC Installer to configure the Matrix COSEC Enrollment station and do the enrollment from the Matrix COSEC Enroll Software.

COSEC Enroll is an Enrollment Station which integrates with Matrix's COSEC application software. This incorporates the latest biometric fingerprint technology to provide the fast and effective way to enroll staff and visitor.

Scenario: Cosec WEB server is installed in PC "A" and COSEC enroll is installed in PC "B" in the Local Area Network. One will do the Enrollment from PC "B".



Consider that PC "A" is having the IP address **192.168.50.100** and PC "B" is having the IP address **192.168.50.200**. Both are in the same network.

All the COSEC Software components are installed in the PC "A".

Following steps need to be performed at the PC "B" for configuring the COSEC Enroll Software.

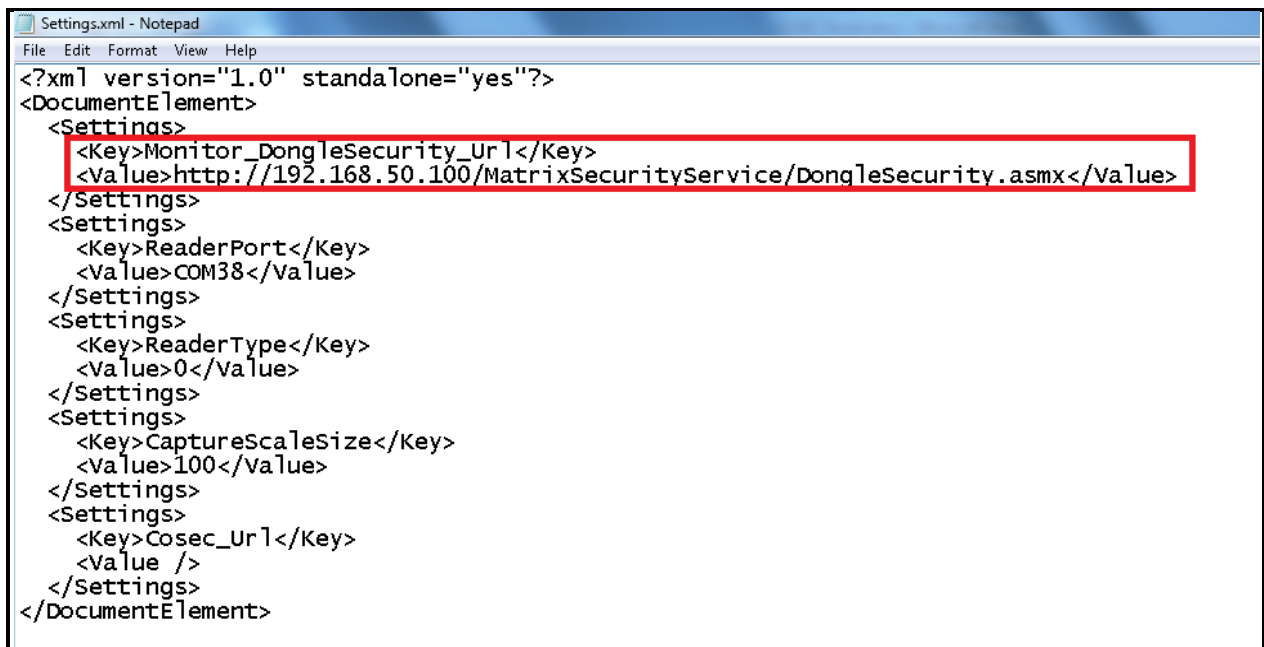
- 1) Install the Microsoft .Net framework.
- 2) Install the Matrix Cosec Enroll Software.
- 3) Modify the Setting.xml file in the COSEC Enroll.
- 4) Configure the settings in Cosec Database Utility.

To begin with, verify that the PC “**B**” on which COSEC Enroll is going to be installed should meet the minimum system requirements as per the System Manual.

Install the Microsoft.Net framework and then install the COSEC Enroll software from the Matrix Cosec CD.

Open the Setting.xml file in Notepad from the following location:

C:\Program Files\Matrix\Matrix COSEC ENROLL

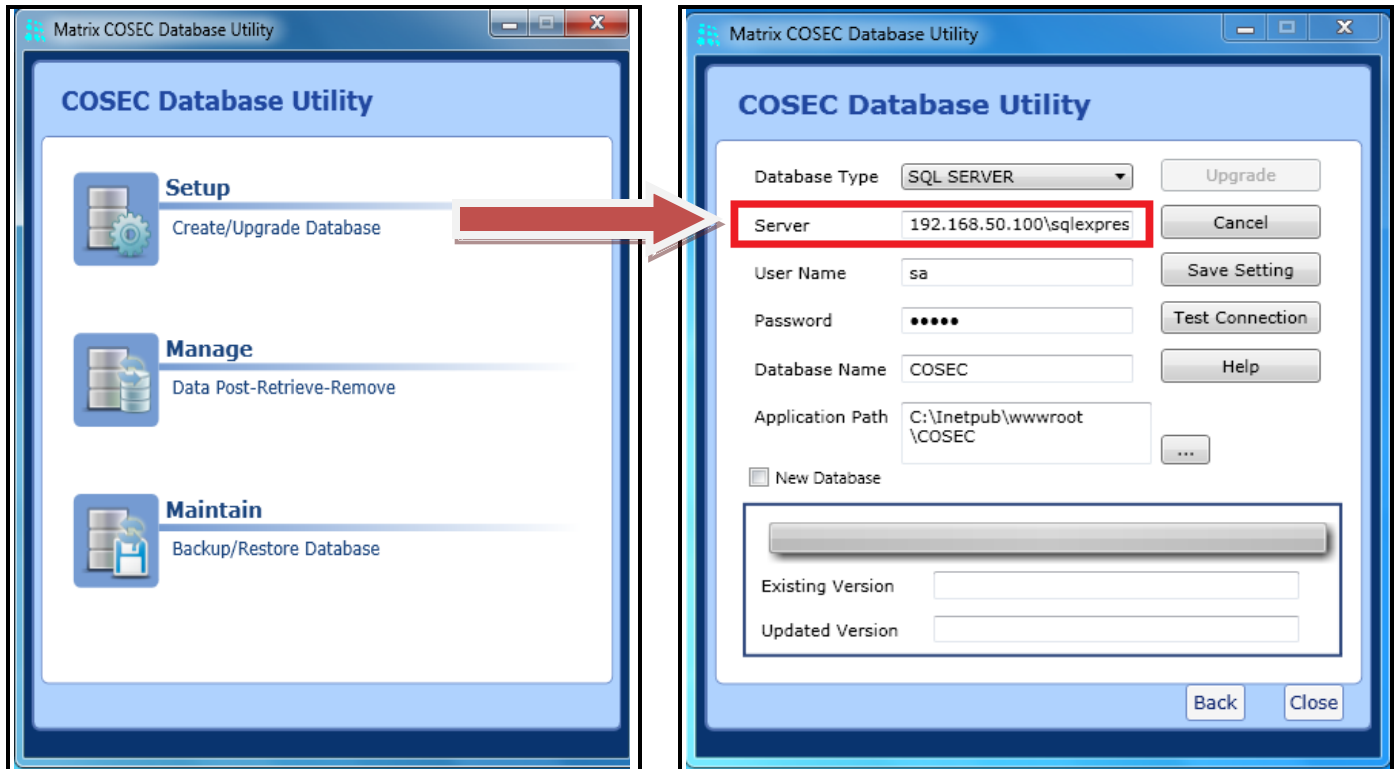


```
<?xml version="1.0" standalone="yes"?>
<DocumentElement>
  <Settings>
    <Key>Monitor_DongleSecurity_Url</Key>
    <Value>http://192.168.50.100/MatrixSecurityService/DongleSecurity.asmx</Value>
  </Settings>
  <Settings>
    <Key>ReaderPort</Key>
    <Value>COM38</Value>
  </Settings>
  <Settings>
    <Key>ReaderType</Key>
    <Value>0</Value>
  </Settings>
  <Settings>
    <Key>CaptureScaleSize</Key>
    <Value>100</Value>
  </Settings>
  <Settings>
    <Key>Cosec_Url</Key>
    <Value />
  </Settings>
</DocumentElement>
```

Modify the file as shown in the above screenshot.

Notice that we have added the IP address of the PC “**A**” in the Monitor_Donglesecurity_Url value string instead of localhost. It is the IP of the PC on which the Matrix Security Service is installed.

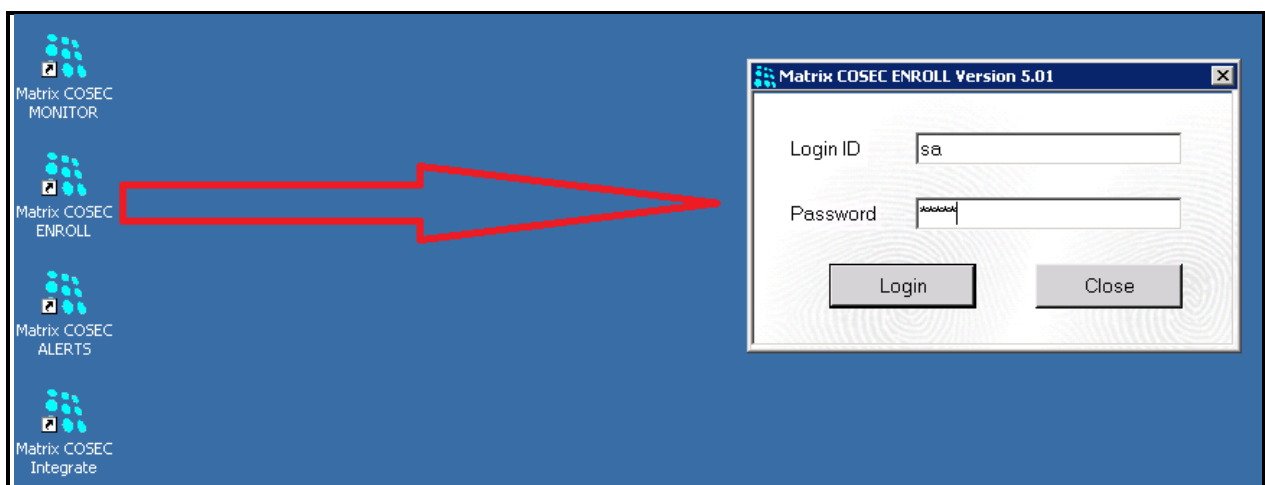
Open the COSEC Database Utility and Go to Setup→Change Settings.

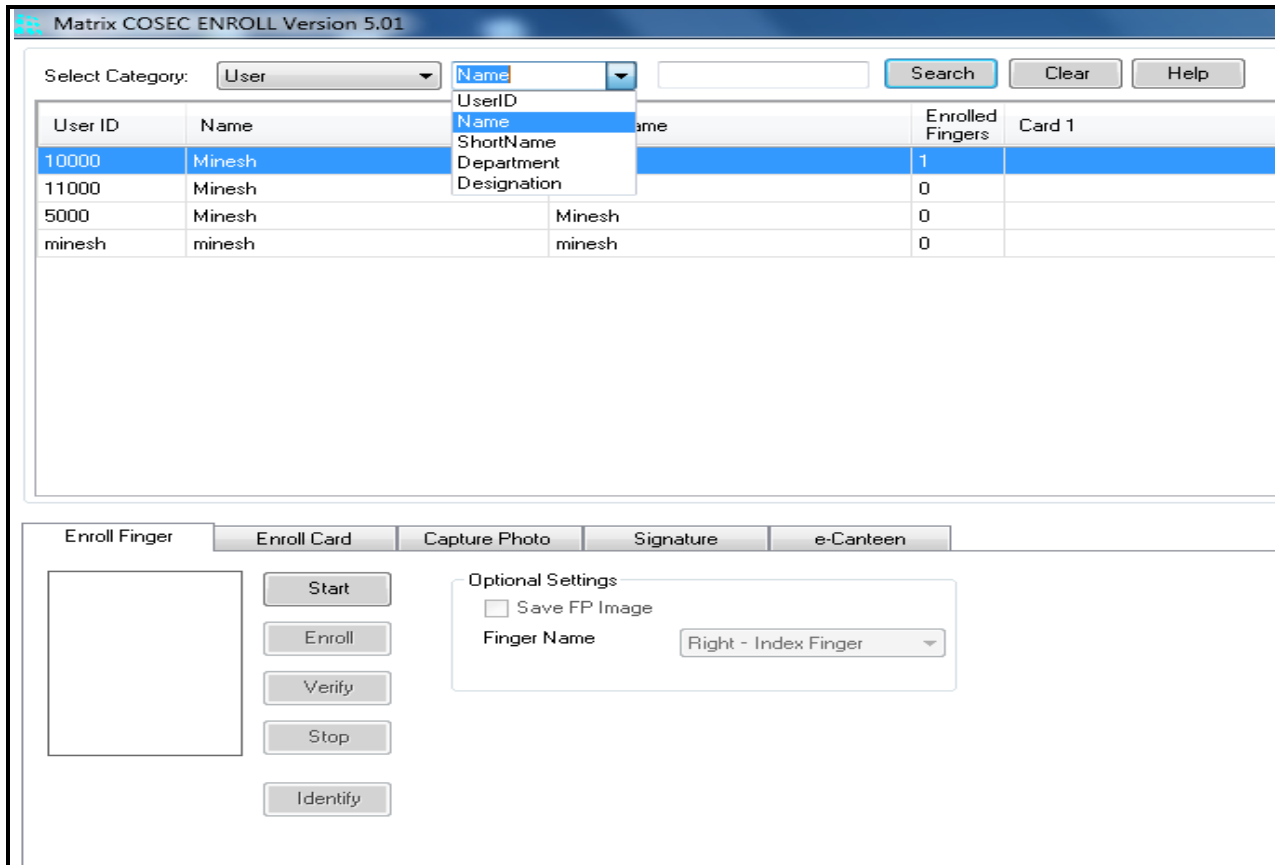


Modify the Server settings as shown above.

Give the User Name and Password and Click on Save Settings.

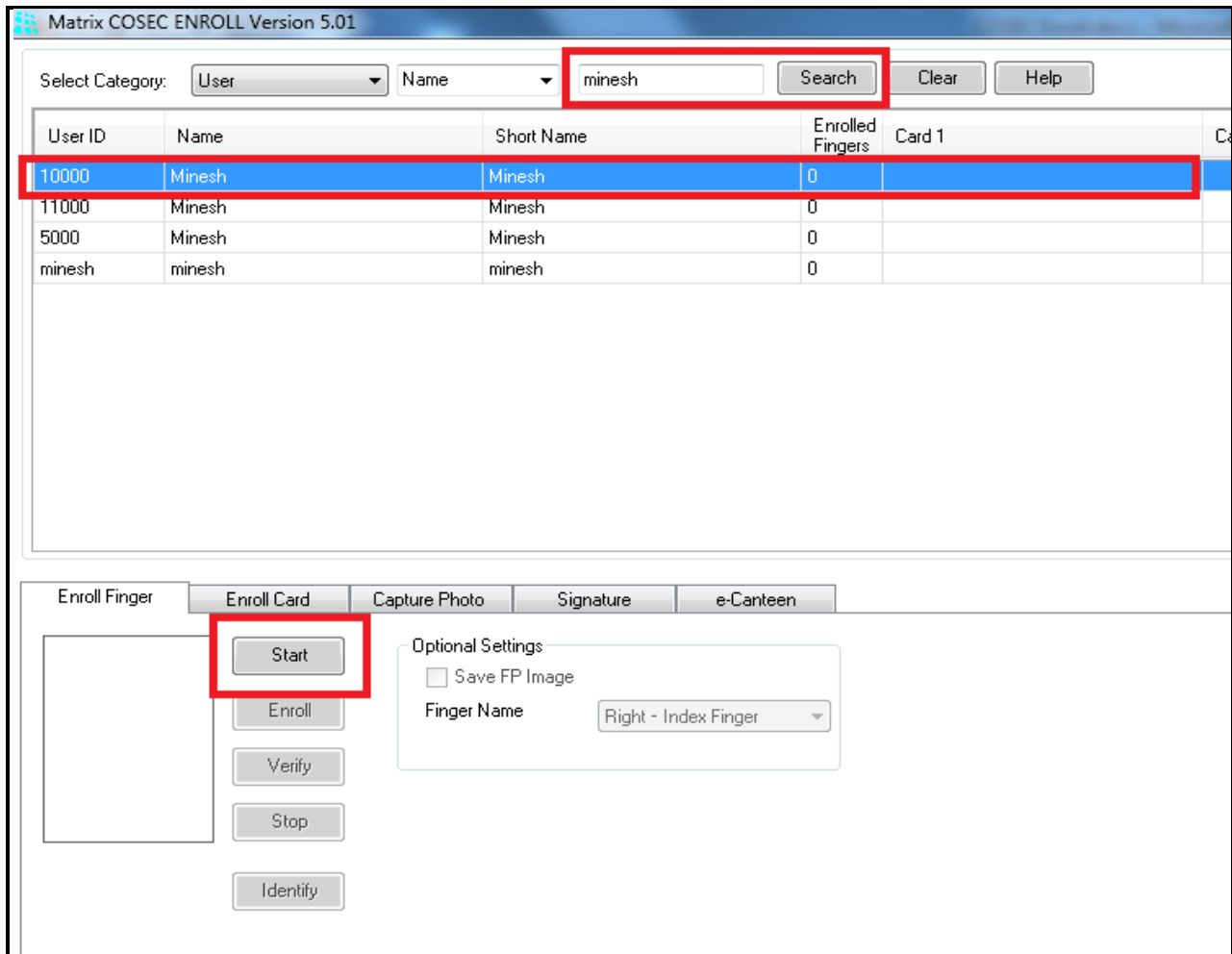
After that Open the COSEC Enroll.





One can enroll the Users, Visitor and Special Function cards from the COSEC Enroll.

Search the name of the User that one wants to enroll and click on that user from the searched list.



Click on Start and place the finger on the sensor.

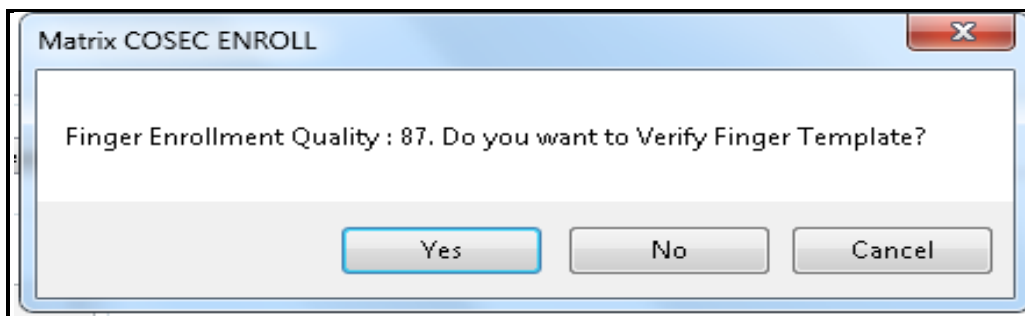


Click on Enroll to enroll the finger print template.

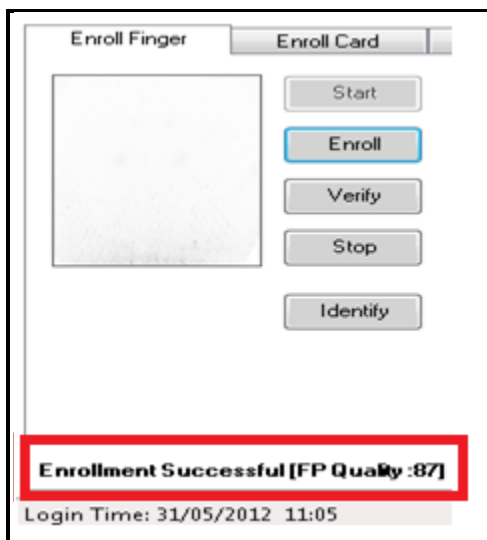
Following message will come on the screen asking to verify the scanned finger template.

If clicked on Yes then it will verify the finger print template and will save that finger print template.

In case, if clicked No then the finger print template will be saved to the database.



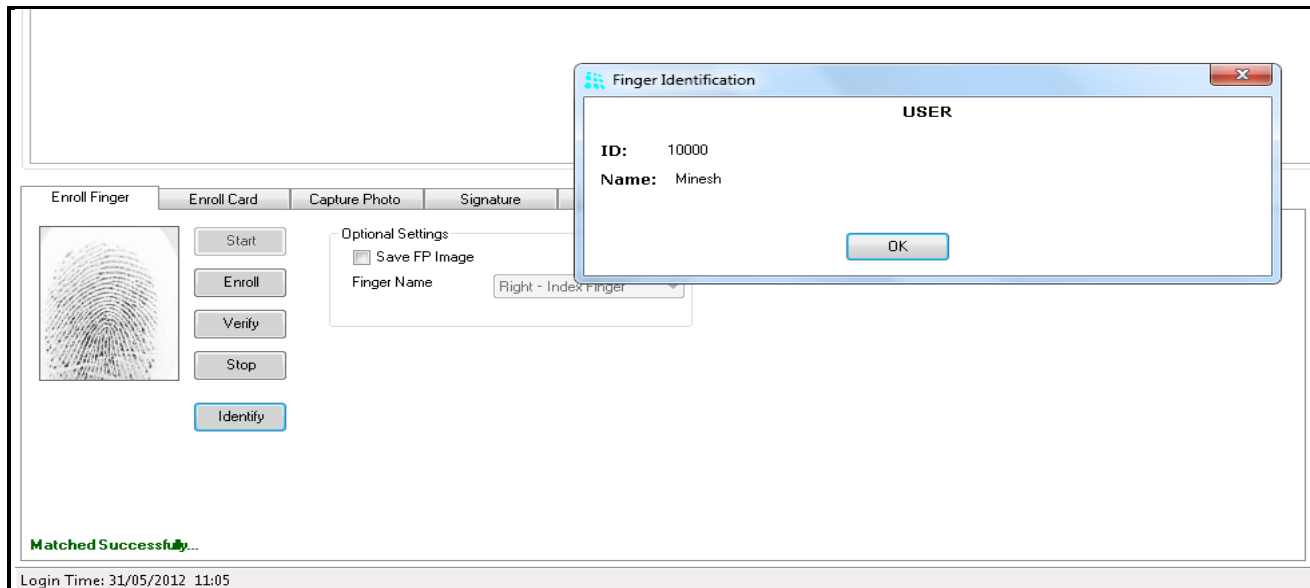
After the successful enrollment following message will show the enrolled finger quality.



In case if one wants to identify the enrolled user then following procedure should be followed.

- 1) Click on Start.
- 2) Place the finger on the Scanner.
- 3) Click on identify

If the User's finger template is matched in the database then following message will be shown on the screen.



In this way one can use the COSEC Enroll for enrolling the Finger Print Templates of the users from the remote PC.

Thanks & Regards,

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