

BIOENABLE
REGISTERED DEVICE
SERVICE
FOR
WINDOWS

BIOENABLE TECHNOLOGIES PRIVATE LIMITED

TABLE OF CONTENTS

1. Prerequisites.....	3
2. Supported Operating Systems.....	3
3. Download link for BioEnable RD Service.....	4
4. BioEnable RD Service Installation	5
5. Management Server Connectivity Test.....	9
6. RD Service Test Application.....	10
7. Proxy in Network.....	13
8. HTTPS Enable Settings.....	14
8. Technical Support.....	19

1. Prerequisites

- To use BioEnable RD Service, you must have Nitgen eNBioScan C1 Scanner to capture the fingerprint.



- To buy this product go to below link:
 - <https://www.amazon.in/dp/B01N1QHT7V>

2. Supported Operating System

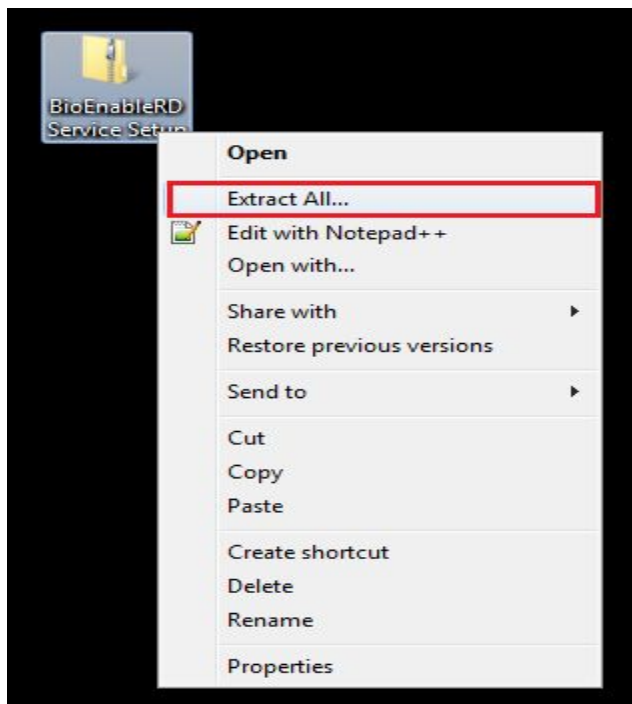
- To use BioEnable RD service supported Operating Systems are:
 - Windows 7,8,10 or higher

3. Download link for BioEnable RD Service.

- Download the BioEnable RD Service from below link

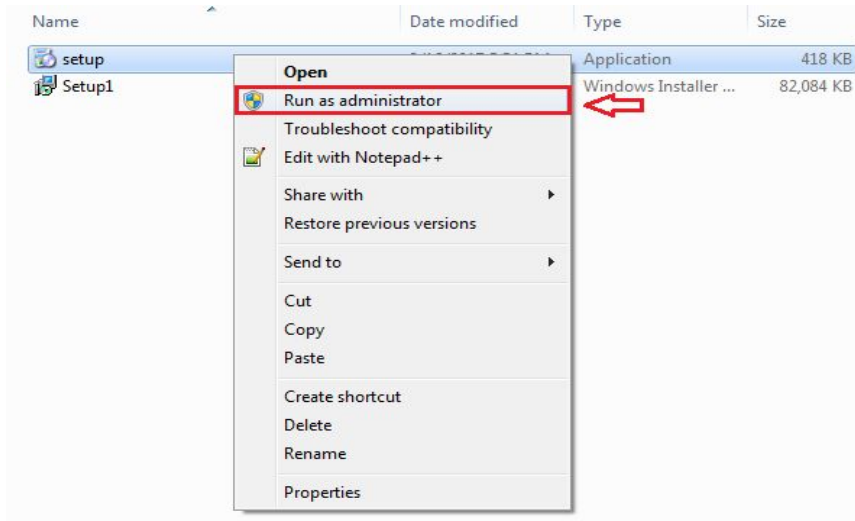
https://drive.google.com/drive/folders/0B5Y6UedCXJ_RUEQ2NzREd1ZrLTg

- When Downloading is complete you will get zip folder of “BioEnable RD ServiceSetup” save this folder where you want to save it.
- After that right click on that folder and click on “Extract All...” , then folder will be extracted

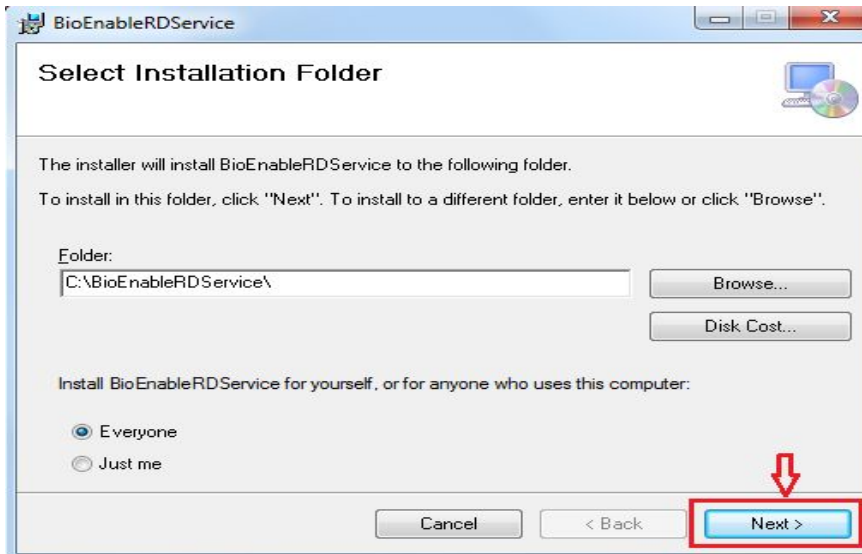


4. BioEnable RD Service Installation

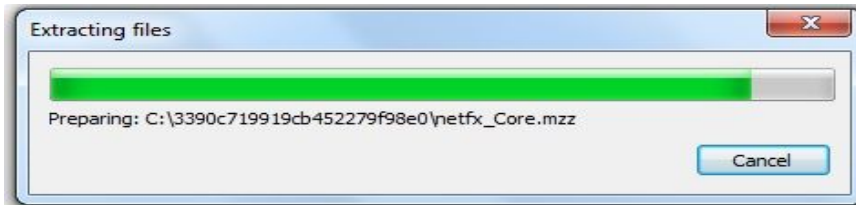
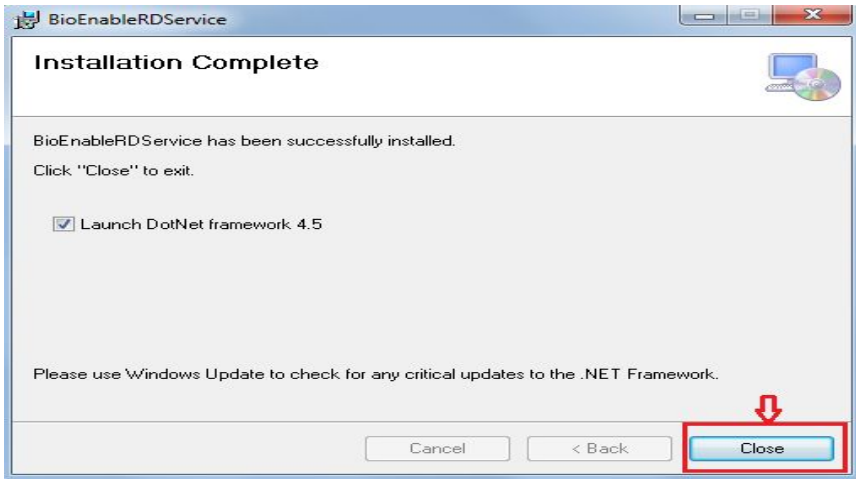
- Go to Extracted Folder and run Setup.exe as “Run as Administrator”



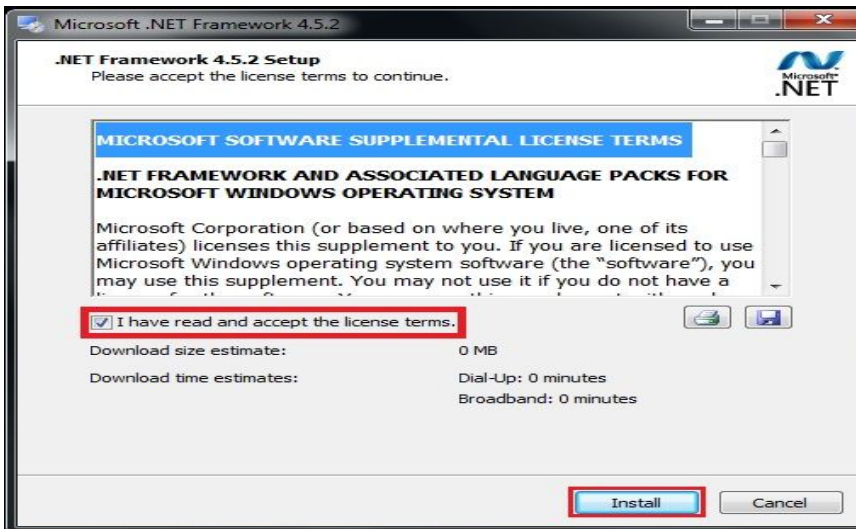
- Click on “Next”

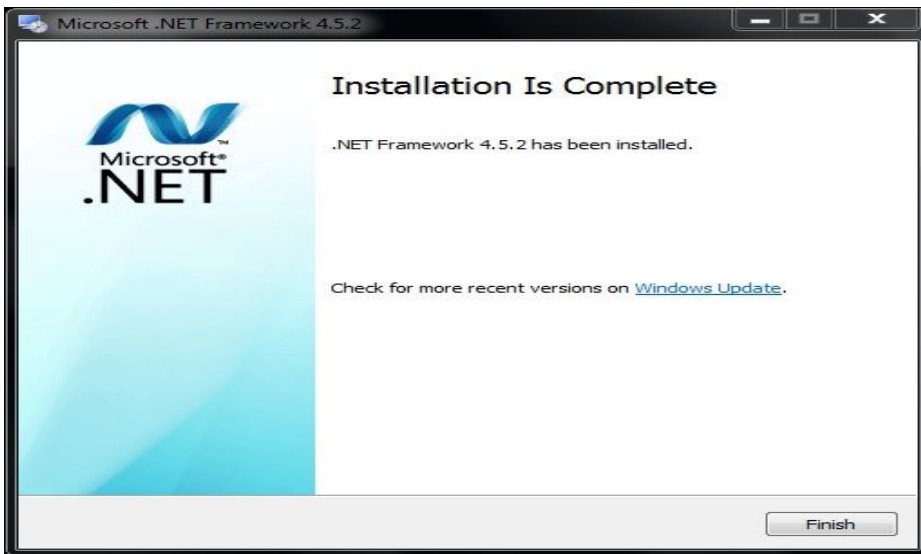


- After Installation Complete window please check “Launch DotNet framework 4.5”, It will automatically install the framework.

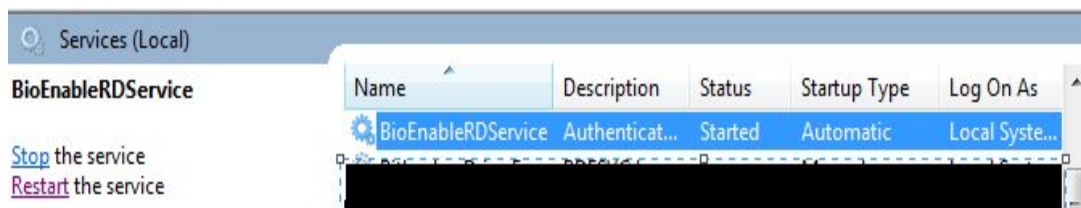


Click on “Install”

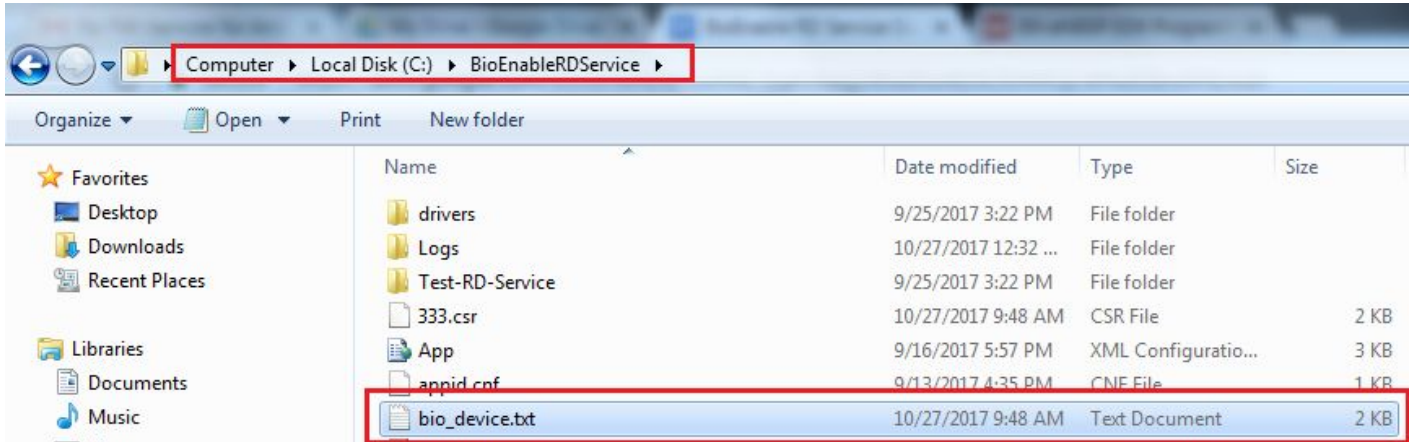




- After Installation, Restart the computer.
- After installation of RD Service, it can be found under Services form "Control Panel\All Control Panel Items\Administrative Tools\Services".

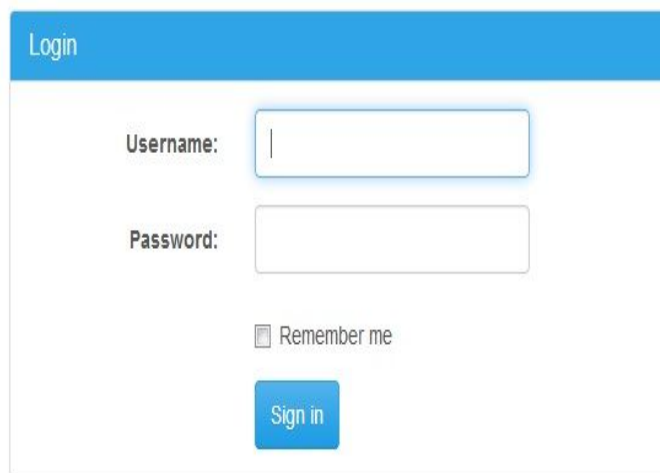


- After starting the "BioEnableRDService" Check below files in
"C:\BioEnableRDService"
- **bio_device.txt (Size 2KB)**



5. Management Server Connectivity Test

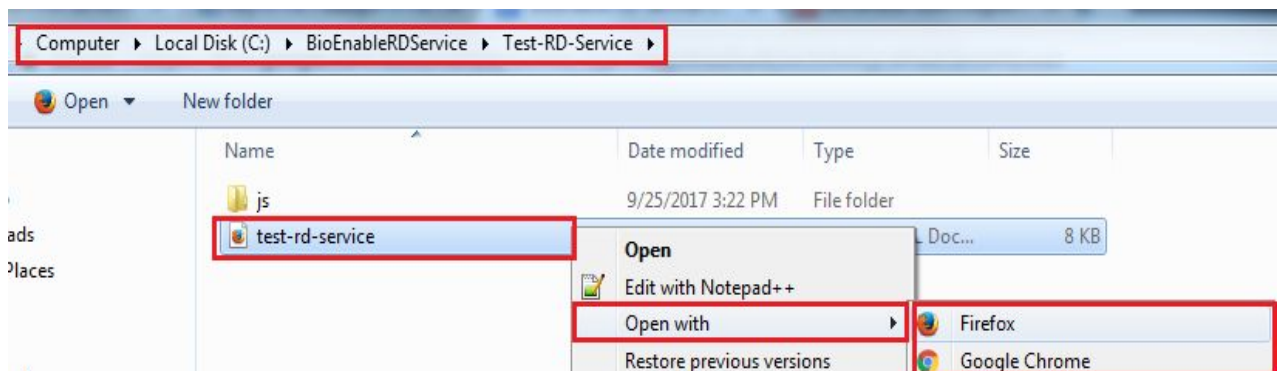
- It is necessary that RD service installed in client machine must interact with BioEnable's Management Server.
- For that, client machine must access the domain <https://certificates1.bioenabletech.com>

A screenshot of the login form. The form has a blue header with the word "Login". Below the header, there are two input fields: "Username:" and "Password:". Below the password field, there is a checkbox labeled "Remember me". At the bottom of the form, there is a blue button labeled "Sign in".

6. RD Service Test Application

- To test the RD Service Application, please go to,

“C:\BioEnableRDService\Test-RD-Service” folder and Run
“test-rd-service.html” on Browser.



- HTTP :
https://certificates1.bioenabletech.com/demo/test-rd-service_http.html
- HTTPS:
https://certificates1.bioenabletech.com/demo/test-rd-service_https.html

- User can get Device Information which is connected to its system by clicking on "Get Scanner info".

PIDDATA

Response :

```

<DeviceInfo dpld="BIOENABLE.NITGEN" rdsId="BIOENABLE.WIN.001" rdsVer="1.0.0"
dc="E3B0C442-98FC-3c14-9afb-F4C8996FB924" mi="BIOENABLE-BETPV"
mc="MIIEdDCCA1ygAwlBAglDCC0IMA0GCSqGSIb3DQEBcWUAMIGIMR0wGwYDVQQDEXR
QcmFkZWVwIet1bWFyIEJoYXRpYTEUMB1GA1UECBMLTWFOYXJhc2h0cmExEzARBgNVBA
sTck1hbmFnZW1lbnQxLzAtBgNVBAoTJk1pb2VuYWJsZSBUZWNobm9sb2dpZXMGUHJpdmF
0ZSBMaW1pdGVkMQswCQYDVQQGEWJTTjAeFw0xNzExMDMwNzZMNDdaFw0xNzEyMDEw
NzZMNDdaMIGNMQswCQYDVQQGEWJTTjEUMB1GA1UECBMLTWFOYXJhc2h0cmExDTALB
gNVBAcTBGFIY2QxLzAtBgNVBAoTJk1pb2VuYWJsZSBUZWNobm9sb2dpZXMGUHJpdmF0ZS
BMaW1pdGVkMRMwEQYDVQQLLEwpNYW5hZ2VtZW50MRMwEQYDVQQDEWpEZXZpY2VD
ZXJ0MIIIBjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEApxX+xzjZR08sZr+M90Jvt9eUx
/95uEJTgkkleffmb9/2UQAGM8fEqOBqgDc++eZUU48MtH8QXLV4LfqnBqXRGJmKoh3IsDVc3/F
YIR9ZvIEX5KQdPoCwLDhtsTy+HPc7opuLP2qrAczD/zf6LtUe6DpEWTBqplZp9crmm7tGI6YcYk
kvoE5VGh8S0sccTidb/0X4tLKixwn6sNeVXGf9GFgXKFhTicCIN/LONrGF07od1Ycrshgl+YV/q/X
BsW9q0aGMNwMOLgqLR5RxAy3xPFg24au+TAhBdBPG1U2J6ISKkQU3S4VEs9eXyjLlqB1MG
P0p2/ZRebr2hKn1zNQKzwIDAQABo4HfMIHcMIG6BgNVHSMegblwga+AFawaGesoTtBZj/s1/7
Z5VcXSlE3JoYGOpIGLMIGIMR0wGwYDVQQDEXRQcmFkZWVwIet1bWFyIEJoYXRpYTEUM
B1GA1UECBMLTWFOYXJhc2h0cmExEzARBgNVBAAsTck1hbmFnZW1lbnQxLzAtBgNVBAoTJk
1pb2VuYWJsZSBUZWNobm9sb2dpZXMGUHJpdmF0ZSBMaW1pdGVkMQswCQYDVQQGEWJ
JToIGAVylojplMB0GA1UdDgQWBbTeCN9z8Ccl5yWzY1XMYE7znpJKzjANBgkqhkiG9w0BAQs
FAAOCAQEATybU92wWDG4nfSeQzKYnTxbG8IOCOhJyviHa4mjZj5mhHJOF08IZM7WOWoO6
6WBWfcPIPKOe/cPOx9TzvpaviwoqQcNn/qTNE+KbsYpwVuZSyaF63S4JYZBh02QeIOEx/To
Pif2gpjizFORwKiWHNNJ+om/EHMHksXNEEFwl39gR1YqIPdra+BSuSGq4jIWQUzBwFHYIpa4v
KWmnuYlqsbwJw9GzNDN1ZZZoK165Uz1DPdpU51TqHA3+nF39iBkeiPTOGFGhZ2WStW25r
OvpdMMWy1+JwRbV2HBsvg26WSP0pm/bnuU+mQgOm30nwtEKHbqWueJwDgvi5Ne4wwXR
yw=="><additional_info><Param name="srno" value="36800HBP240"/></additional_info>
</DeviceInfo>
  
```

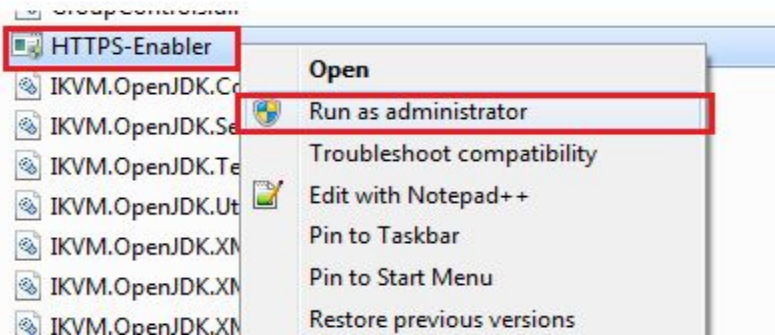

7.Proxy in Network (if proxy is required to connect internet)

- Please note, if you are using Proxy in your network then you need to do some changes. Please click below for proxy network.

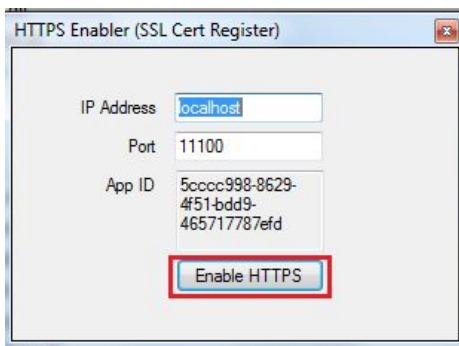
[BioEnable Proxy Settings](#)

8. HTTPS Enable Settings:

- For HTTPS, please do settings as given below:
 - Go to the C:\BioEnableRDSservice and run HTTPS-Enabler as “Run as Administrator” as shown below

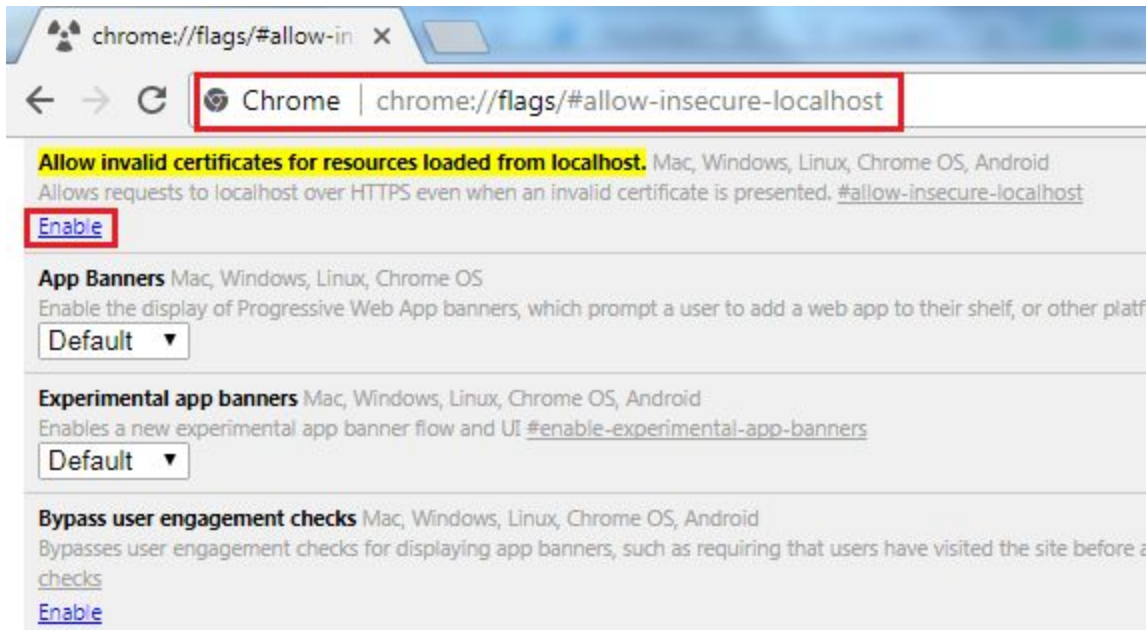


- Click on “Enable HTTPS “



i) For Google Chrome:

- Open <chrome://flags/#allow-insecure-localhost> in google chrome then click on **Enable**



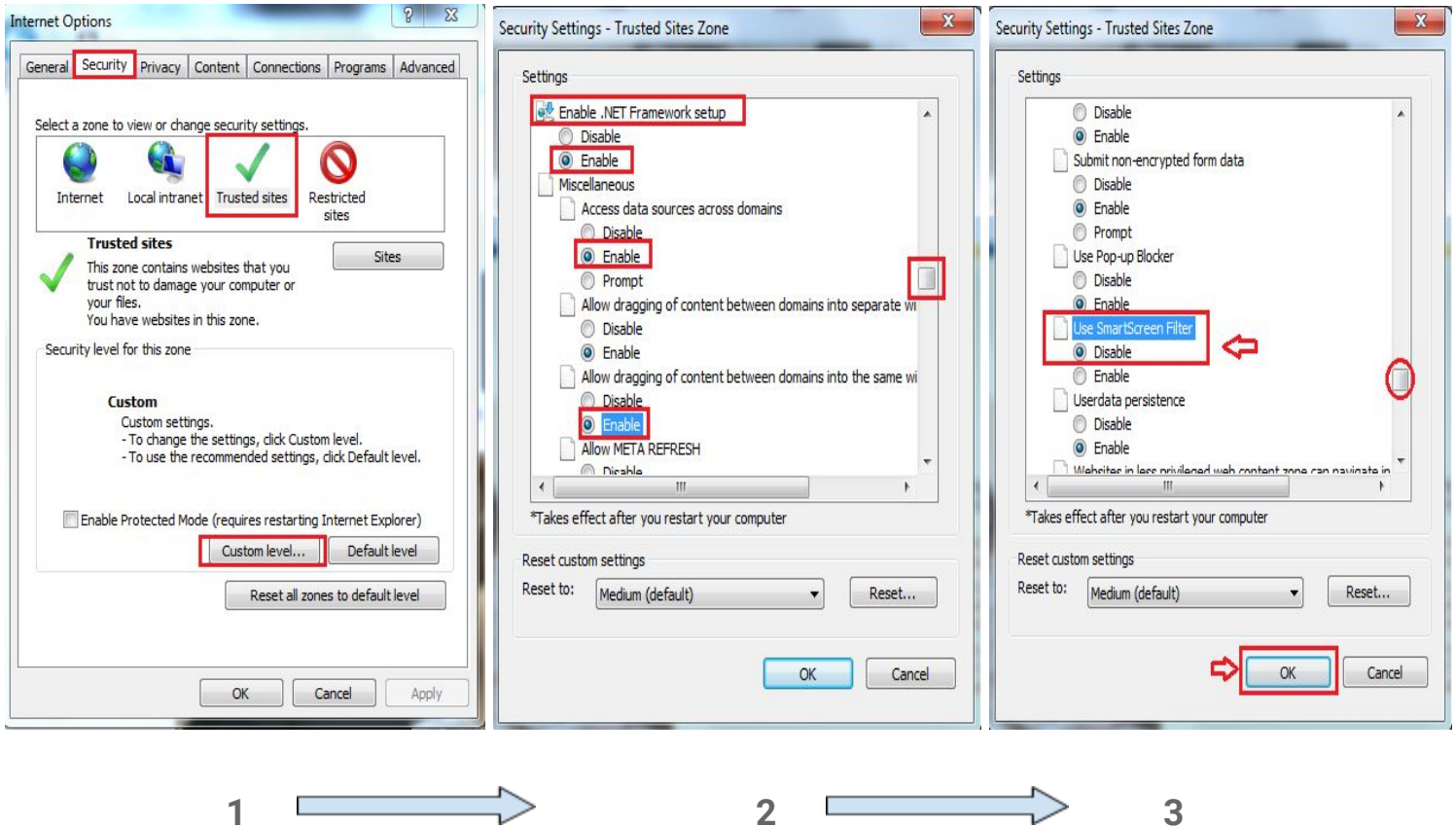
- Then Click on Relaunch Now

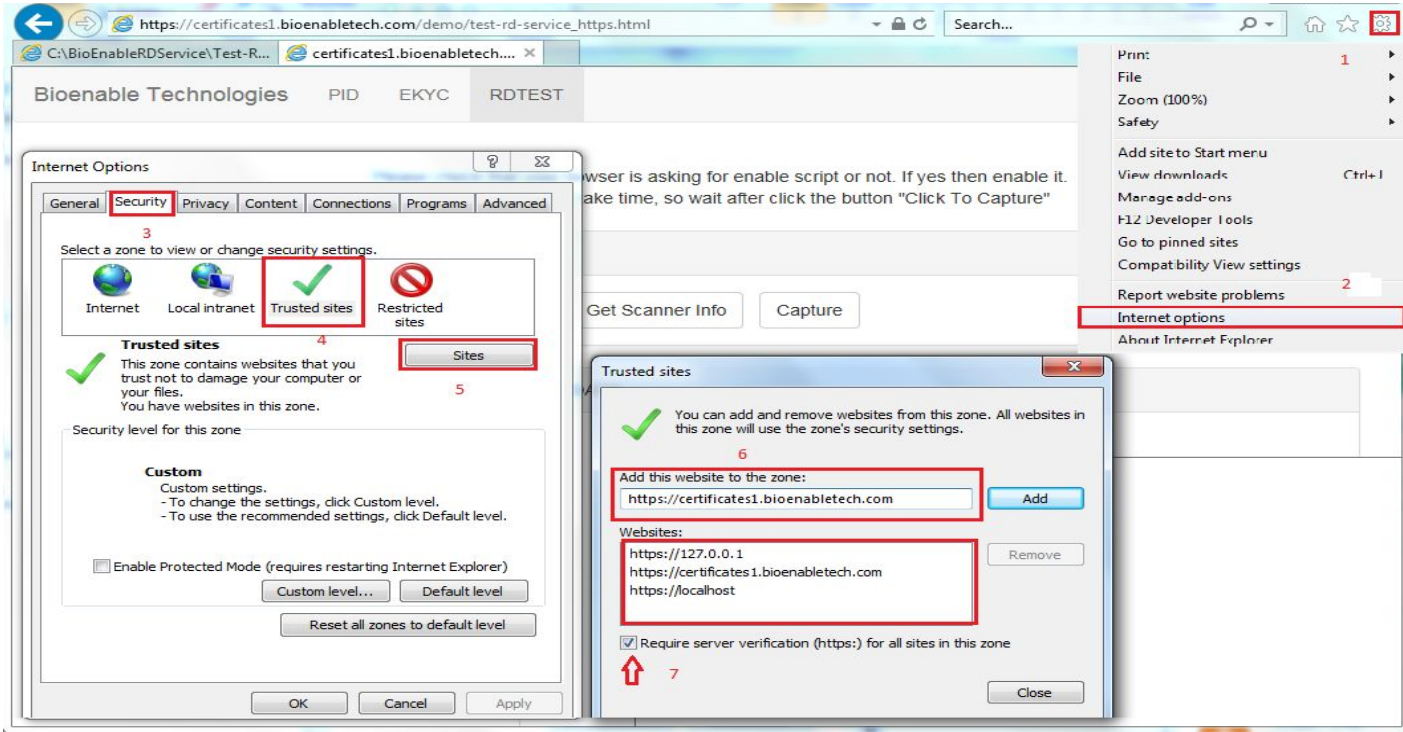
Your changes will take effect the next time you relaunch Google Chrome.

RELAUNCH NOW

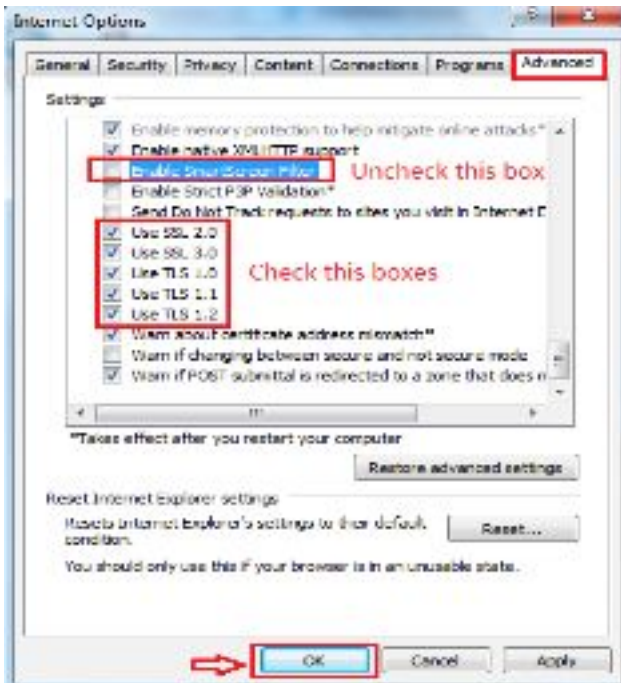
ii) For Internet Explorer:

- Please do changes as suggested below:





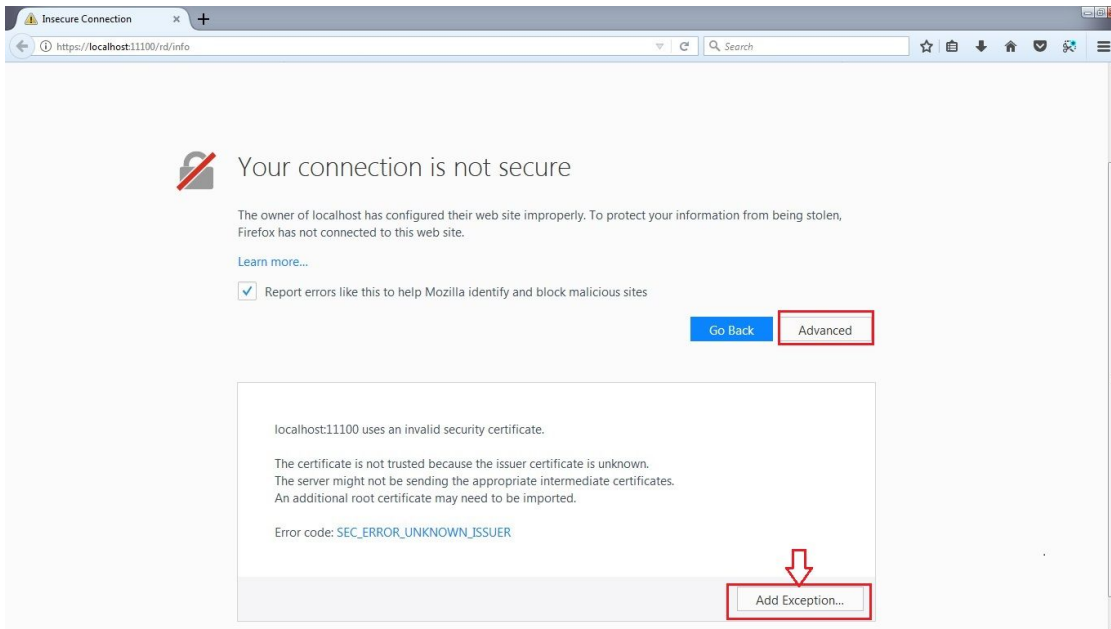
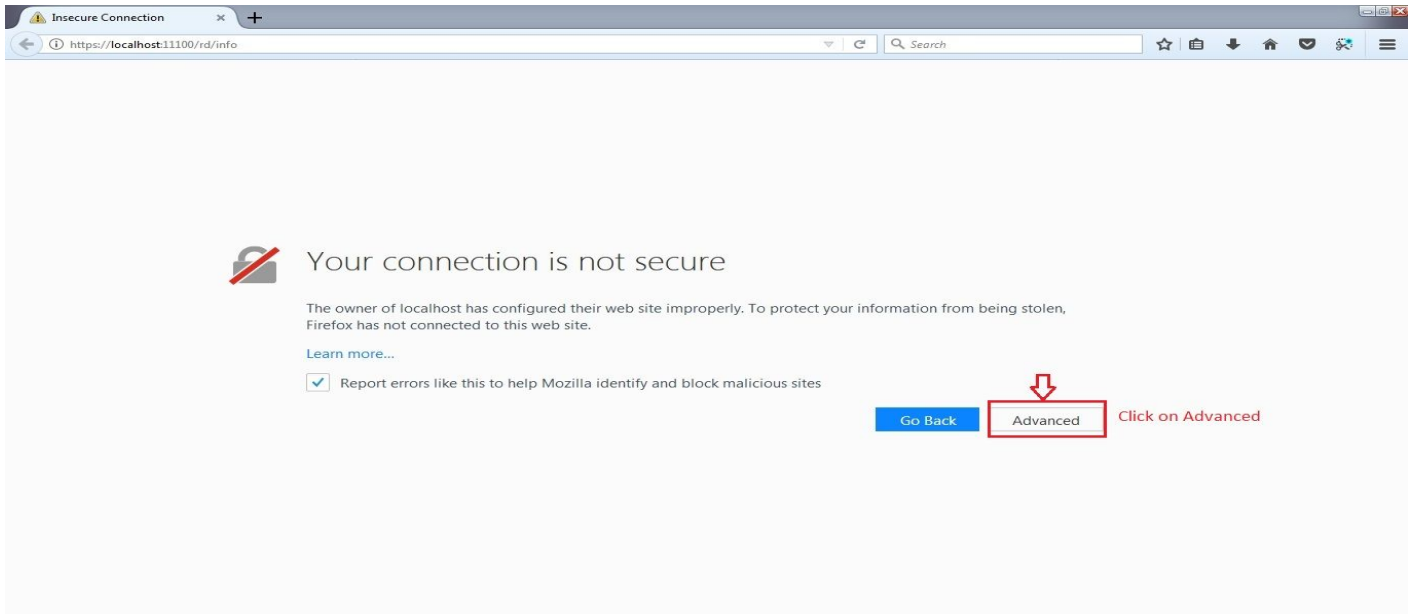
The screenshot shows the Internet Options dialog box with the Security tab selected. The 'Trusted sites' zone is highlighted with a green checkmark. The 'Trusted sites' dialog box is open, showing the 'Add this website to the zone' field with the URL 'https://certificates1.bioenabletech.com' entered. The 'Require server verification (https:) for all sites in this zone' checkbox is checked. The 'Advanced' tab of the Internet Options dialog box is also visible, showing various security settings.

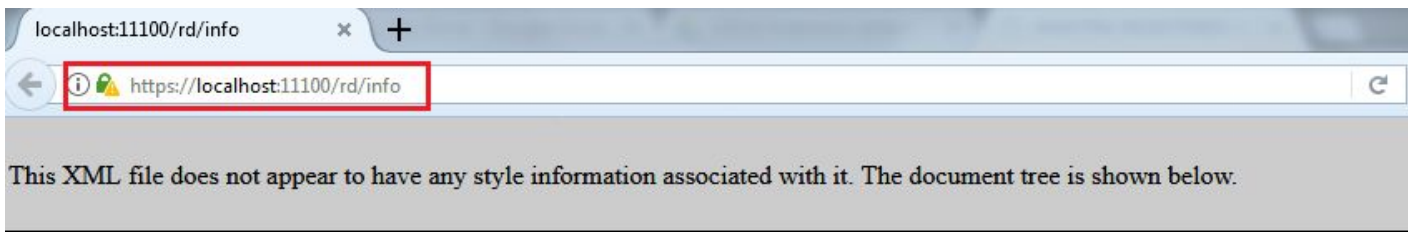
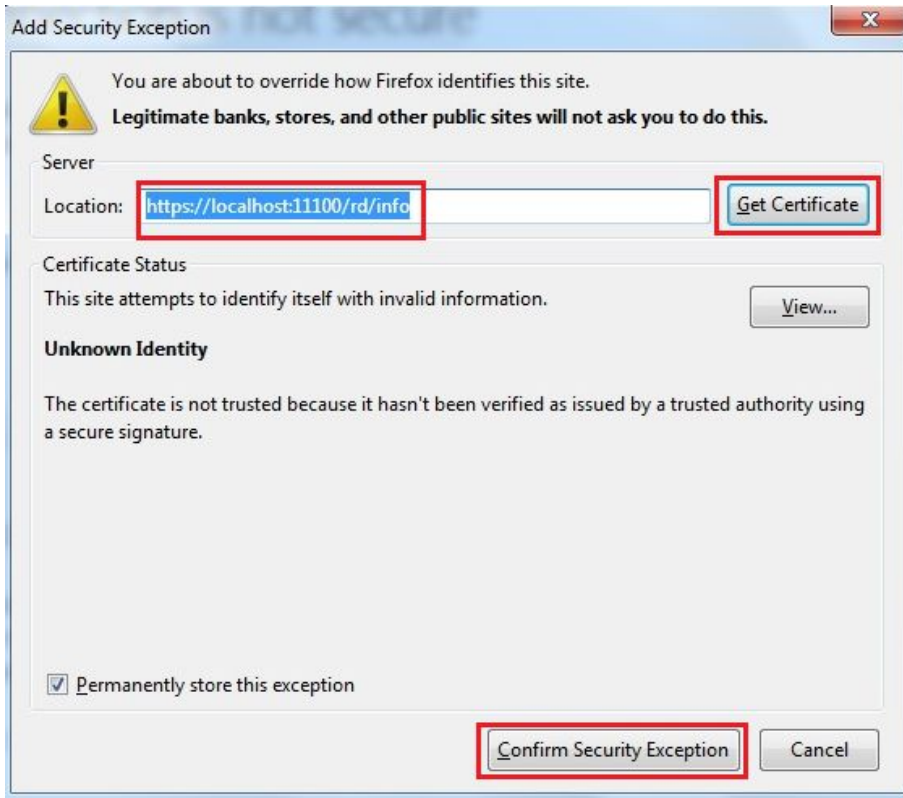


The screenshot shows the 'Advanced' tab of the Internet Options dialog box. The 'Enable SmartScreen Filter' checkbox is unchecked, with a red box around it and the text 'Uncheck this box'. The 'Use SSL 2.0', 'Use SSL 3.0', 'Use TLS 1.0', 'Use TLS 1.1', and 'Use TLS 1.2' checkboxes are all checked, with a red box around them and the text 'Check this boxes'. The 'OK' button is highlighted with a red box and an arrow pointing to it.

iii) For Mozilla Firefox:

Enter <https://localhost:11100/rd/info> you will get following window,





```
-<DeviceInfo dpId="BIOENABLE.NITGEN" rdsId="BIOENABLE.WIN.001" rdsVer="1.0.0" dc="" mi="" mc="">
- <additional_info>
  <Param name="srno" value=""/>
</additional_info>
</DeviceInfo>
```

9. Technical Support:

For any query please contact us on : 020-66813721

or drop mail on: support@bioenabletech.com

