

Mesi configuration with Nexcore

From Nexumed

For the set up with Mesi devices there are two applications that need to be downloaded and installed on your desktop. Those two being the mTABLETIntegrationAPI_Installer and the MESI_mTABLET_GDT_IntegrationService.

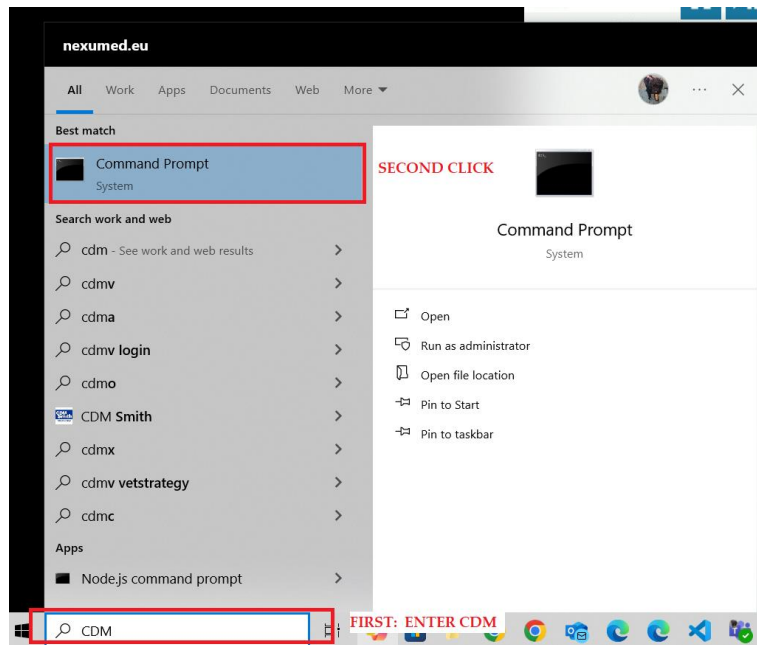
We will take you through the steps needed to install and configure both of these.

MESI_mTABLET_GDT_IntegrationService

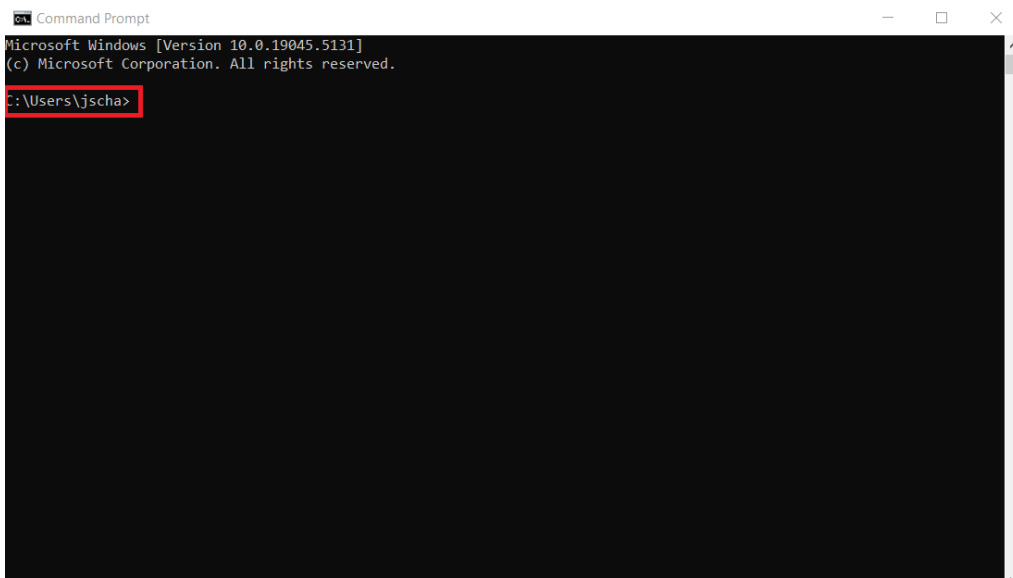
1. First install the mTABLETIntegrationAPI_Installer via this link
[mTABLETIntegrationAPI_Installer.exe](#)
- 2.
3. Then install the MESI_mTABLET_GDT_IntegrationService via this link
[mTABLETIntegrationAPI_Installer.exeMESI_mTABLET_GDT_IntegrationService.exe](#)

Now we will start with the setting up of the tablet

1. The first step is allowing the two devices to talk to one another. On your laptop/desktop computer, in the bottom red box in the image, enter CDM and hit enter, you will then see Command Prompt appear, top red box and click that.



2. You will see C:\Users\xxxx> xxxx being your computer's name.



3. On that line, type 'ipconfig' and hit enter

```
Command Prompt
Microsoft Windows [Version 10.0.19045.5131]
(c) Microsoft Corporation. All rights reserved.
C:\Users\jscha>ipconfig
```

4. By doing so you will now see something very similar to. Take note of the address in the red box. This will be needed to allow the two devices to “talk” to each other.

```
Command Prompt
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection* 1:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :

Wireless LAN adapter Local Area Connection* 2:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

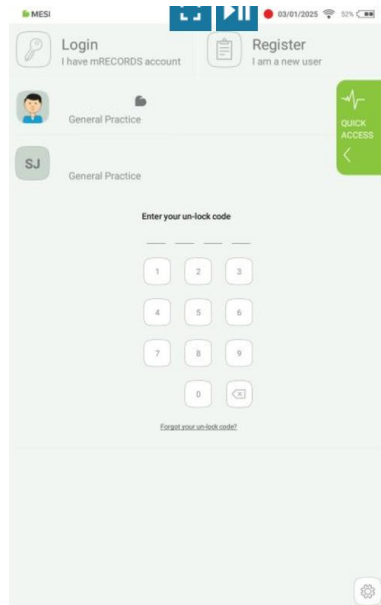
Connection-specific DNS Suffix . :
IPv6 Address. . . . . : 2a02:a020:44:61d:1c3a:c18c:db13:f7f
Temporary IPv6 Address. . . . . : 2a02:a020:44:61d:d3c:cbeb:1b41:d339
Link-local IPv6 Address . . . . . : fe80::32a4:38c7:3805:9df6%5
IPv4 Address. . . . . : 192.168.3.59
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : fe80::2084:98ff:fe4d:760a%5
                             192.168.3.133

Ethernet adapter Bluetooth Network Connection:

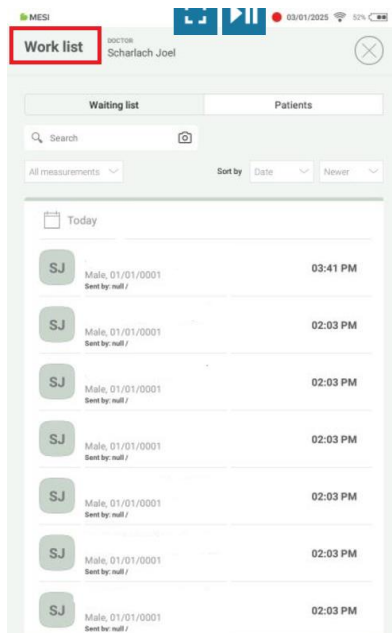
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :

C:\Users\jscha>
```

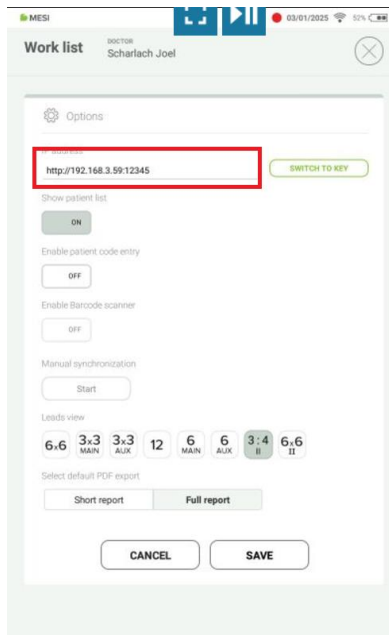
5. Open your Mesi tablet and navigate to this screen and enter your pass code



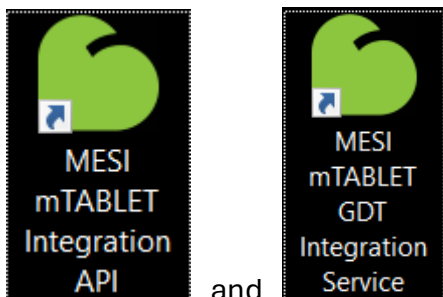
6. Which will take you to your work order page and click the Work list.



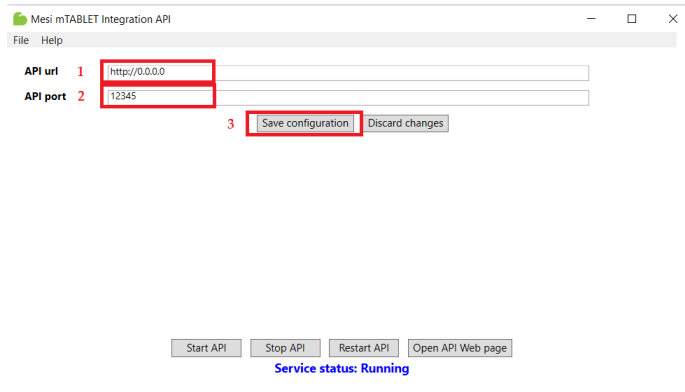
- Now on this page. In the id address field enter <http://>, then the same ip address that you had discovered in step 4 above. In the situation of doing this locally for myself, that would be 192.168.3.59 . But yours will be unique to your current location and laptop. So, the complete entry would look like this for my local set up. <http://192.168.3.59:12345> The 12345 is a port number that will also be used in the configuration on the Mesi desktop app. After that, ensure you tap SAVE in the bottom right of the screen.



- Now return to your computer. From installing the two Mesi applications needed to configure the Mesi tablet. You will see two icons on your desktop.



- Click the icon for the Mesi application called Mesi mTABLET integration API. This will open up this window on your screen.

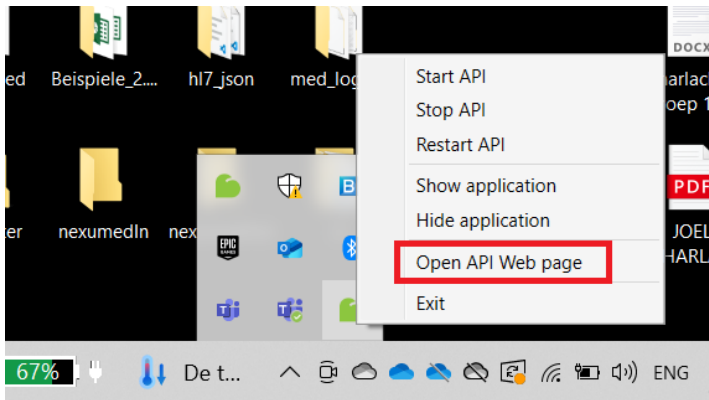


1. In the first red box (1) enter <http://0.0.0.0>
2. In the second red box enter , 12345, this may look familiar as it is the port number you also used in step 7. It is vital that these both numbers are the same 12345.
3. Finally ensure you click Save configuration located in the third (3) red box.

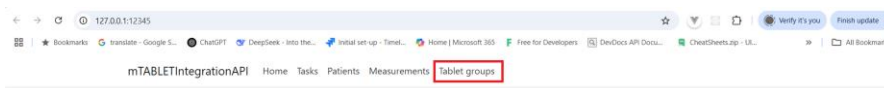
10. At the bottom of the desktop click the chevron on the image below



11. Which will then open this and click Open QPI Web page



12. Which will open a web page and you will see this. <http://127.0.0.1:12345/> disregard the <http://127.0.0.1> but the 12345 must be present. Click the red box Tablet groups. On the screen, then click the green button Add new.



13. You will then be presented with this on the screen.

1. Under Id, enter 10000
2. Under Name, you can enter the Practice name, this does not really matter.
3. Under Description, enter api int.
4. **save this configuration with clicking the blue Submit button.

14. After submitting, you will then see your tablet set up nearly done. On the tablet itself, look for the serial number on back of the device.



Take that 8 digit serial number along with the – and enter that into the red box.

Tablet groups Add new

Practice Name Delete

10000

api int

Serial number	Date added
<input type="text" value="Enter serial number"/> Add	

The click add. Which you will then see the screen look like this.

Tablet groups Add new

Practice Name Delete

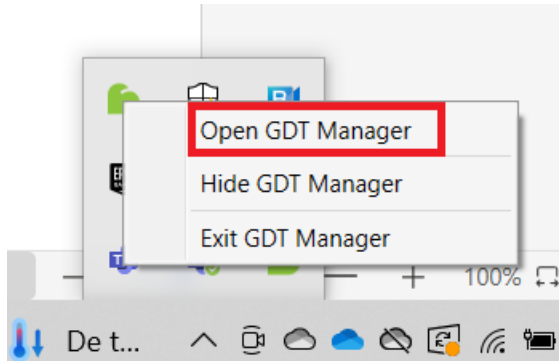
10000

api int

Serial number	Date added
0213-J1J8	2025-02-20 12:24:58
<input type="text" value="0213-J1J8"/> Add	

The tablet and the Mesi Application will now be configured with the Nexcore software.

15. Now click the chevron like you had done previously and click the other Mesi icon you can see and you will see. Click the Open GDT Manager



16. You will now see the below pop up window. The input fields should look identical after the click you had preformed above.

MESI mTABLET GDT Integration Service

File Help

Input folder path C:\MESI services\MESI mTABLET GDT Integration Service\Input ...

Output folder path C:\MESI services\MESI mTABLET GDT Integration Service\Output ...

PDF folder path C:\MESI services\MESI mTABLET GDT Integration Service\Pdf reports ...

Request interval 5

Output file name template [m_type]_[m_date(yyyy-MM-dd_HH-mm-ss)] ?

Output file name preview ECG_2019-02-02_21-44-33.gdt

Measurement type Measurement date Measurement time

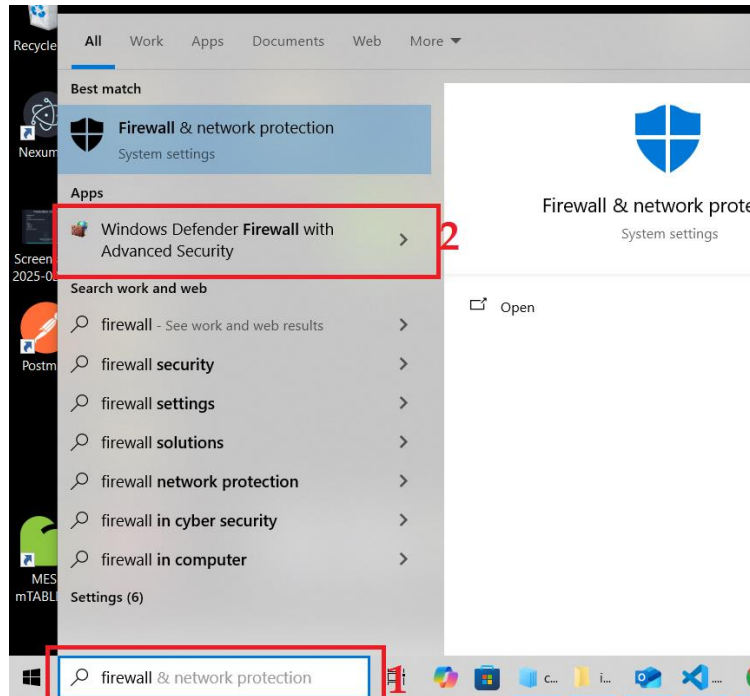
Patient ID SSN First name Last name Birth date Gender

Save configuration Discard changes

Start service Stop service Restart service

Service status: Running

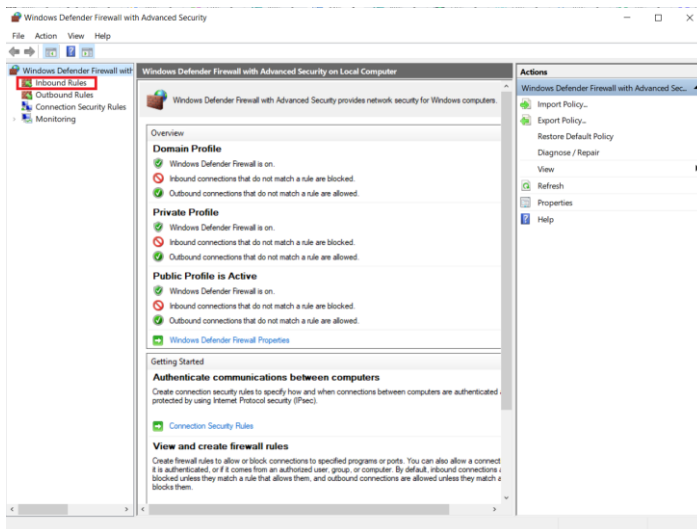
17. Now we need to do some firewall configuration. This allows your computer to communicate with the various applications as they are trusted apps.



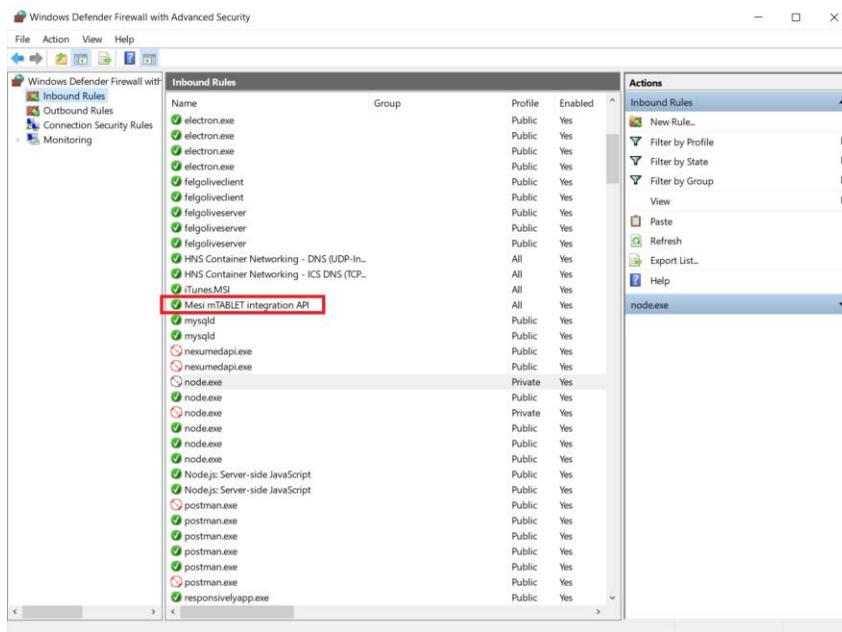
1. In the bottom search bar enter firewall and you will see Windows Defender Firewall with Advanced Security.

2. Click the second red box (2)

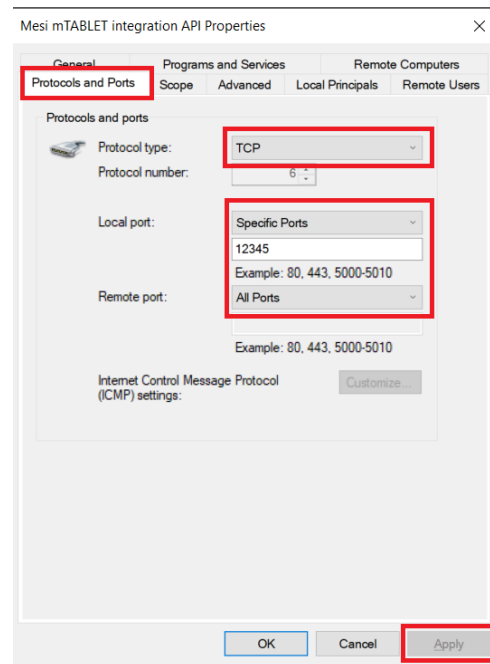
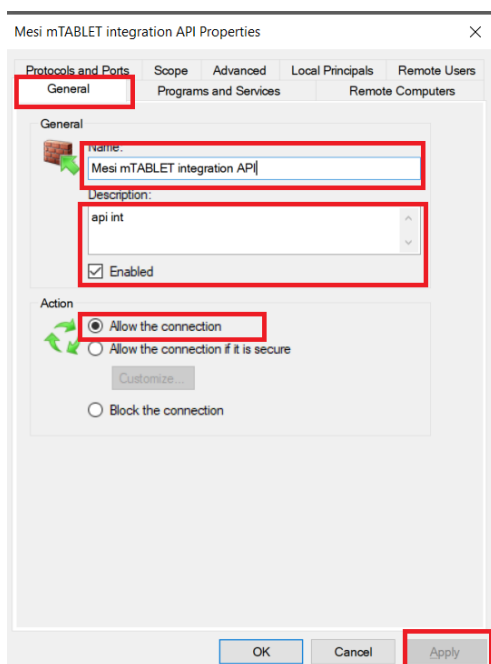
18. After that click you will see the firewall window pop up. Click the red box Inbound rules as we need to set up some parameters for this.

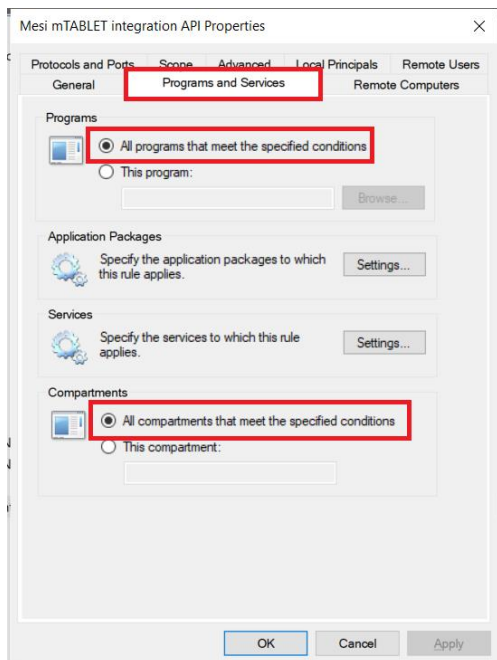
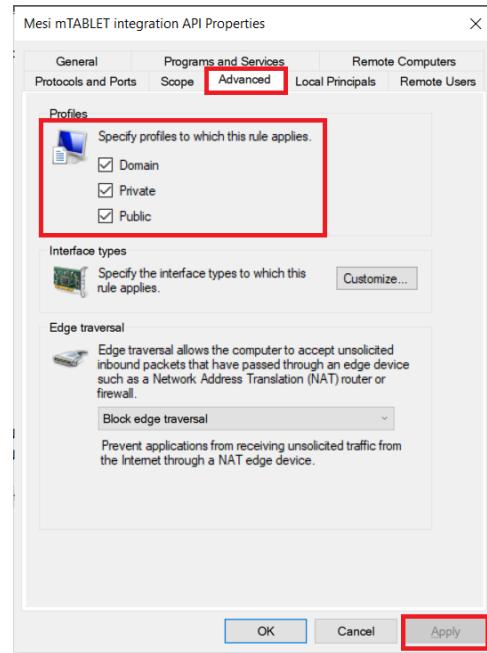
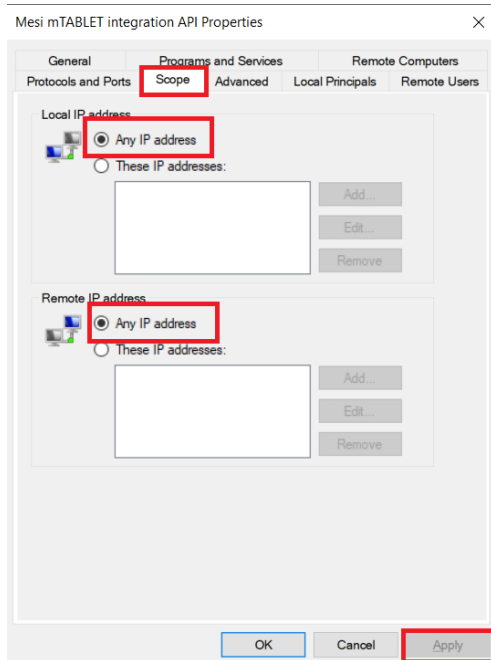


19. Once you have done that, you will need to create an inBound rule for Mesi mTABLET integration API.



20. Click on new rule. Ensure that all the tabs are configured the same as below. Paying special attention to the red boxes. The tab name that has the white background shows which tab you will be in for editing purposes. ** a reminder upon editing any fields within each tab. Ensure you finish each tabs editing with clicking Apply in the bottom right of the window.

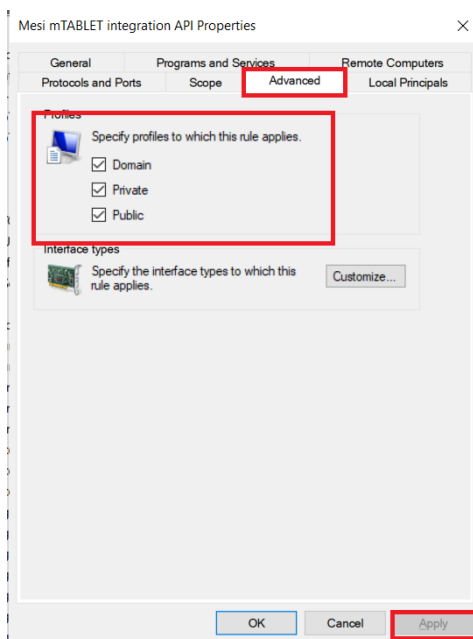
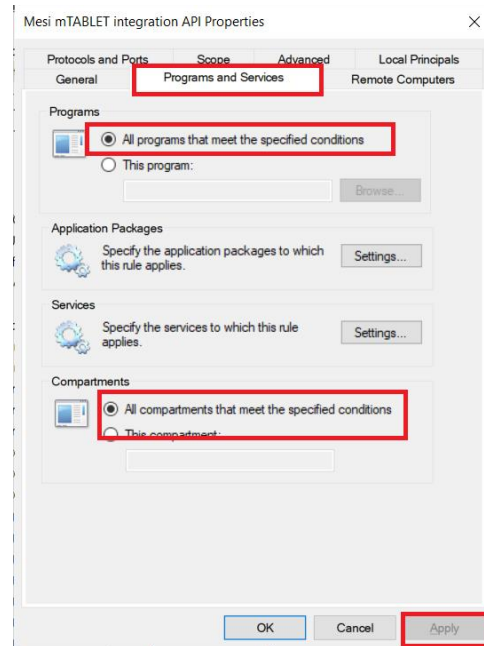
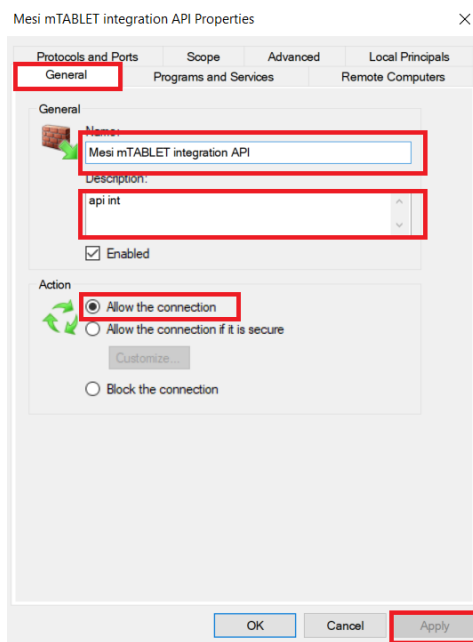




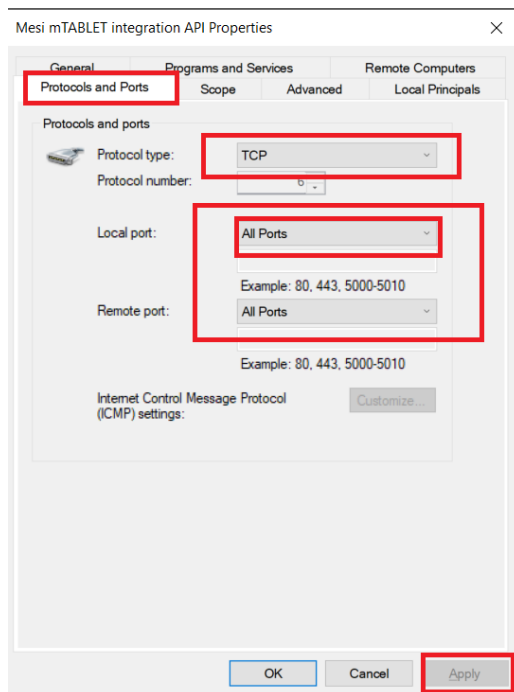
Ensuring you have clicked Apply after each tab that you have edited, in the inbound rules have been set. Now to the outbound rules.

21. Where you had clicked inbound rules in step 18, now click outbound rules which should be located right below it. Then just like in step 19, you must create a new rule for Mesi mTABLET integration AP.

Now these first four tabs that you should look at, they should look very similar to those from the inbound rules.



This last one will definitely need some editing.



For the local ports field, ensure that it reads All ports and not specific ports with 12345 in the field. Just All ports.

This should have you successfully set up the two Mesi applications with the Nexcore software.

Enjoy!

The Nexumed Team

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