



ABC Remote RDP Patch

Addendum to ABC Installation

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Configuring the Existing ABC Host to use RDP-Shadow

Step 1

Go to

<https://www.aktina.com/products/elekta-abc-system/abc-downloads/software-and-downloads/>

to download the latest files required for this instruction set. There will be one file to download: "ABC-Dual-Monitor.zip"

Step 2

Log into the ABC on-board PC.



Username: ABC Administrator

Password: elekta

Step 3

Use a USB stick to transfer the downloaded file to the computer ABC onboard computer.

Step 4

Extract the ZIP file to:

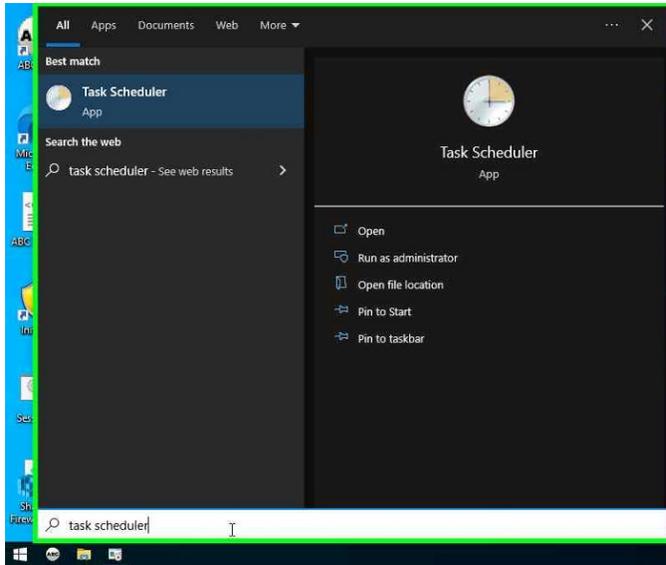
C:\users\public\desktop

There will be two directories in the zip file: "ABC-host" and "ABC-client".

The "host" is the computer within the ABC cart

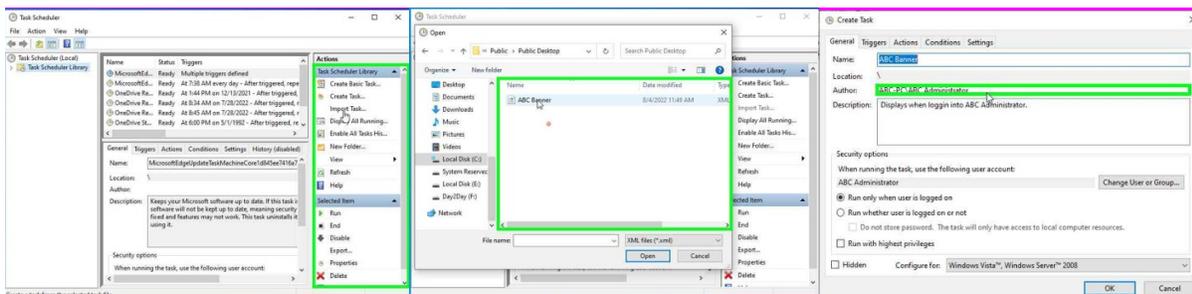
The "client" is any computer that is connected to the host via Remote Desktop.

Step 5



- Press the Windows Key and start typing “Task Scheduler”
- Left click “Open” on the right-hand panel.

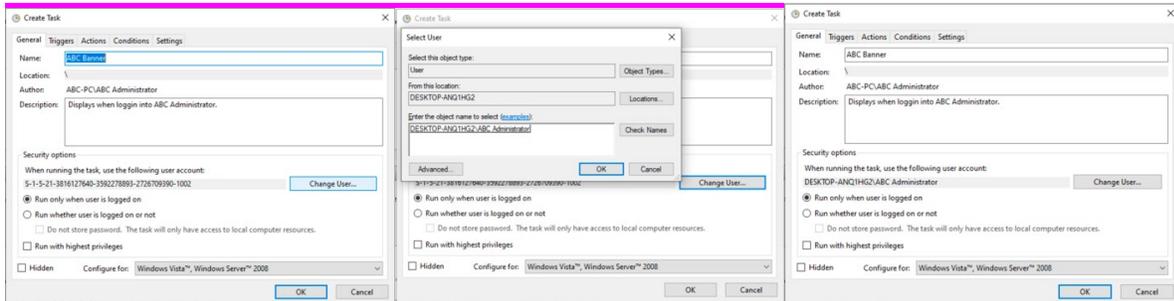
Step 6



- With Task Scheduler open
- On the right-hand panel select “Import Task”
- Navigate to C:\Users\Public\Public Desktop by using the left-hand panel.
- To locate “ABC Banner” file.
- Select the file and left click “Open”

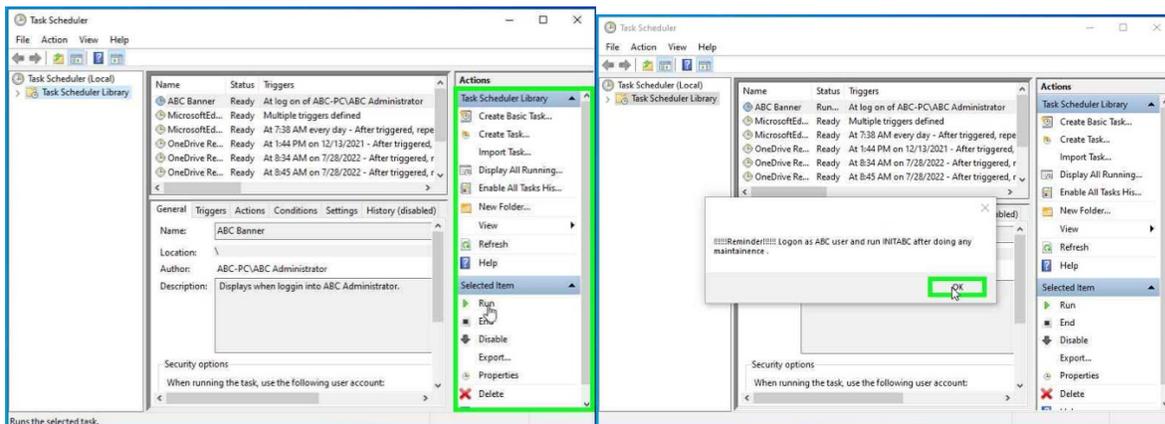
- Verify that under Security Options you see ABC Administrator. If you do, click OK to finish the import and skip to Step 8

Step 7



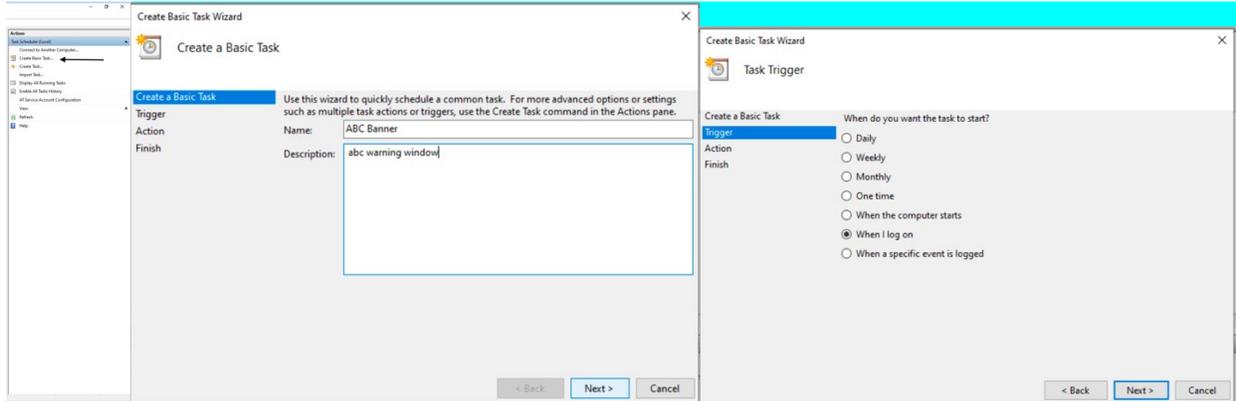
- If the name is a string of random number and letters.
- Select "Change User"
- In the new windows type "abc administrator" and left click "Check Names"
- Windows will auto fill the rest of the information.
- Click OK once filled in.
- Check to make sure the User account now has "ABC Administrator"
- Left click "OK" to finish the import.

Step 8



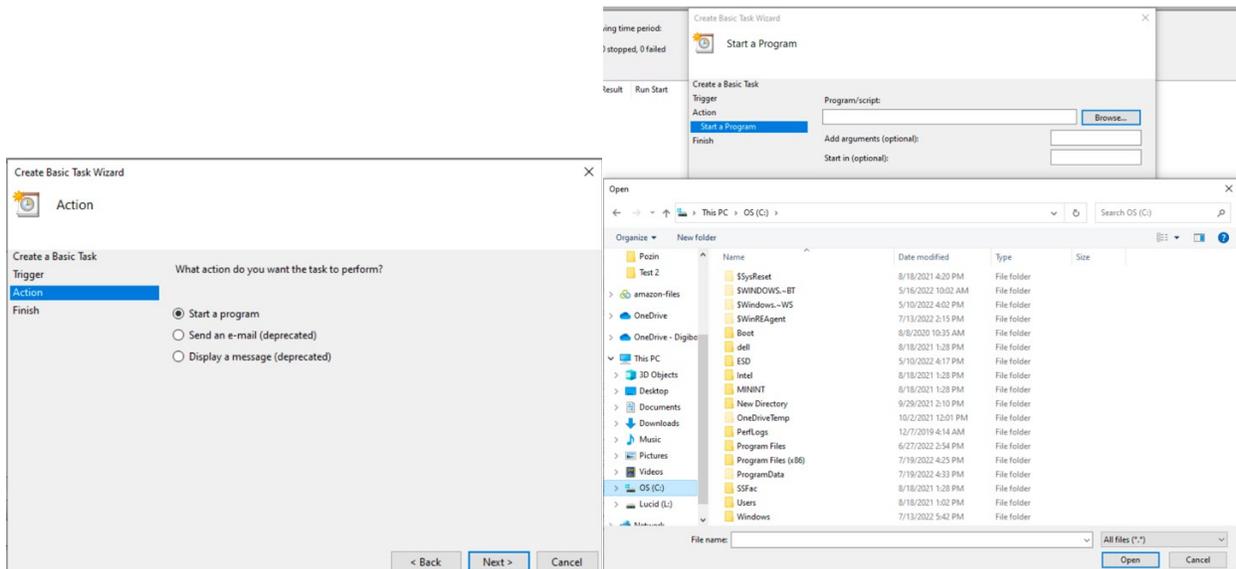
- Locate the new task created "ABC Banner"
- With the task highlighted, On the right-hand panel left click "Run" to test the Banner.
- Left click "OK" to close the window.
- Close out and return to the desktop. Skip to Step 16
- If banner failed cancel the import, proceed with the following steps to manually configure the task.

Step 9



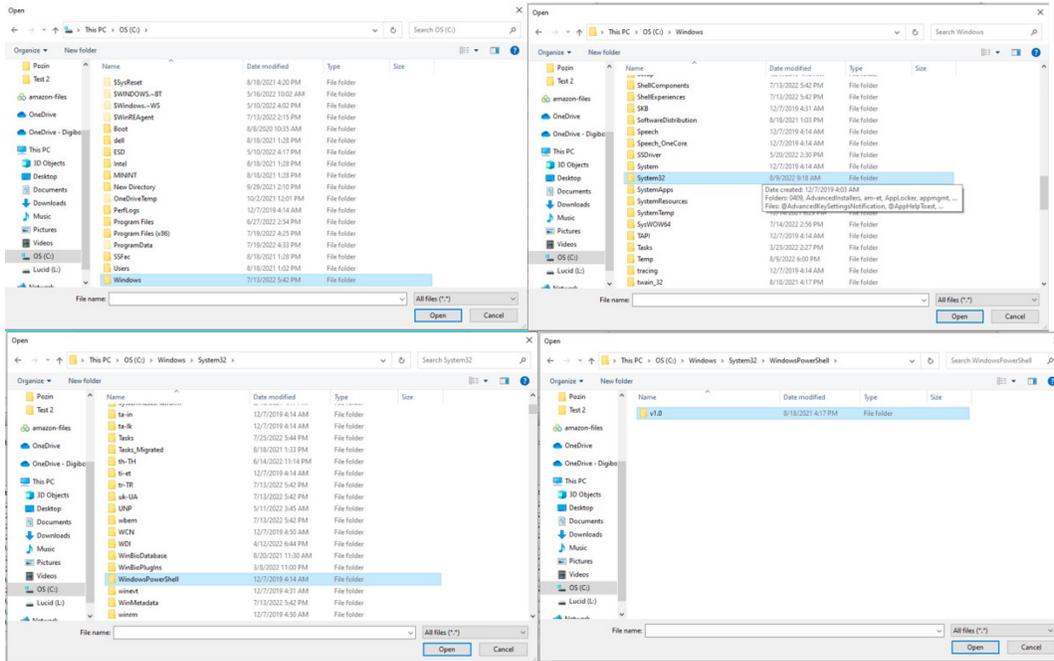
- While still in the Task Scheduler, on the right-hand panel. Select “Create basic task”
- Type the following into the fields - Name: ABC, Description: abc warning message. Click “Next”
- Select “When I log in” and click “Next”

Step 10



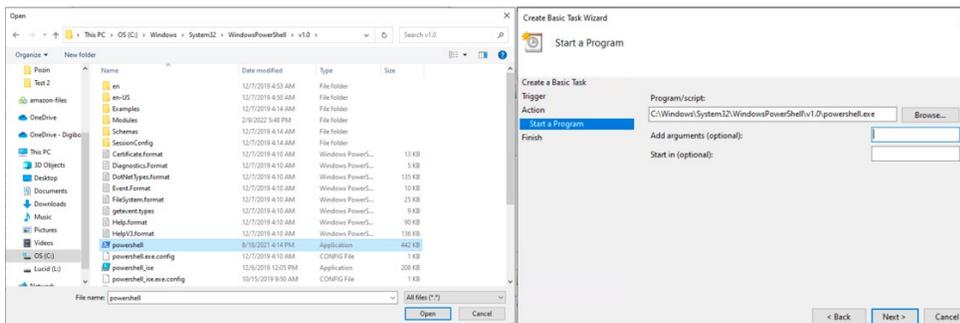
- Select “Start a program” and click “Next”
- Select “Browse” to open file explorer – Navigate to C:\Windows\System32\WindowsPowerShell\v1.0
- On the left-hand panel select “OS C:” Drive

Step 11



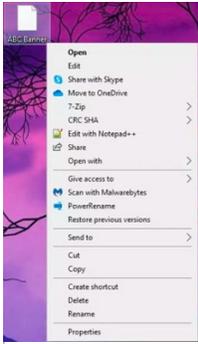
- Double click and navigate the following folders “Windows”, “System32”, “WindowsPowerShell”, and “v1.0”.

Step 12



- Select “powershell” and click “Open”
- Add the following in the “Add argument (optional)”
- Type it out or follow the next steps to be able to copy it from the failed ‘ABC Banner.xml”
- `-WindowStyle hidden -Command "& {[System.Reflection.Assembly]::LoadWithPartialName('System.Windows.Forms'); [System.Windows.Forms.MessageBox]::Show('!!!!!!Reminder!!!!!! Logon as ABC user and run INITABC after doing any maintenance .')}}"`

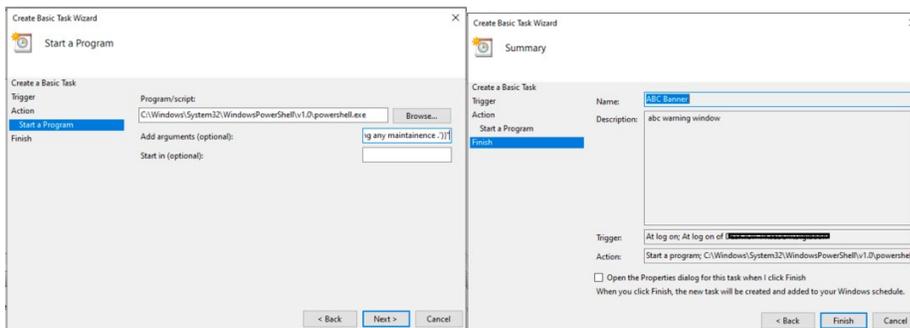
Step 13



```
<Arguments>-WindowStyle hidden -Command "&{  
{ [System.Reflection.Assembly]::LoadWithPartialName('System.Windows.Forms'); [System.Windows.Forms.MessageBox]::Show('!!!!!!  
Reminder!!!!!! Logon as ABC user and check for updates after doing any  
maintenance .')}"}"</Arguments>
```

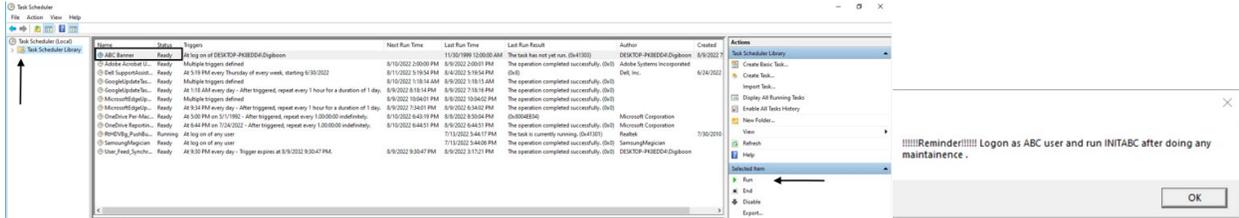
- Locate the “ABC Banner” file that was downloaded and extracted in steps 2 – 4.
- Right click the file and select “edit”
- Scroll down to the end of the file to locate <Arguments>
- Select the following text that’s between <Arguments>... </Arguments> as shown in the example.
- Right click and copy the string.

Step 14



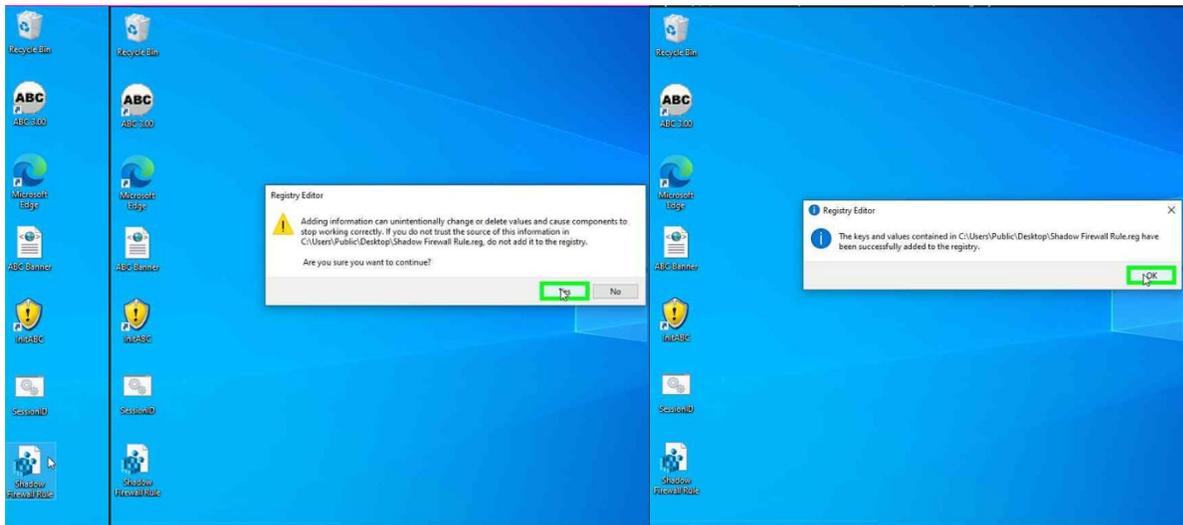
- Type or Paste the String in the “Add Argument (optional)” and click “Next”
- Verify and click “Finish” to create the task.

Step 15



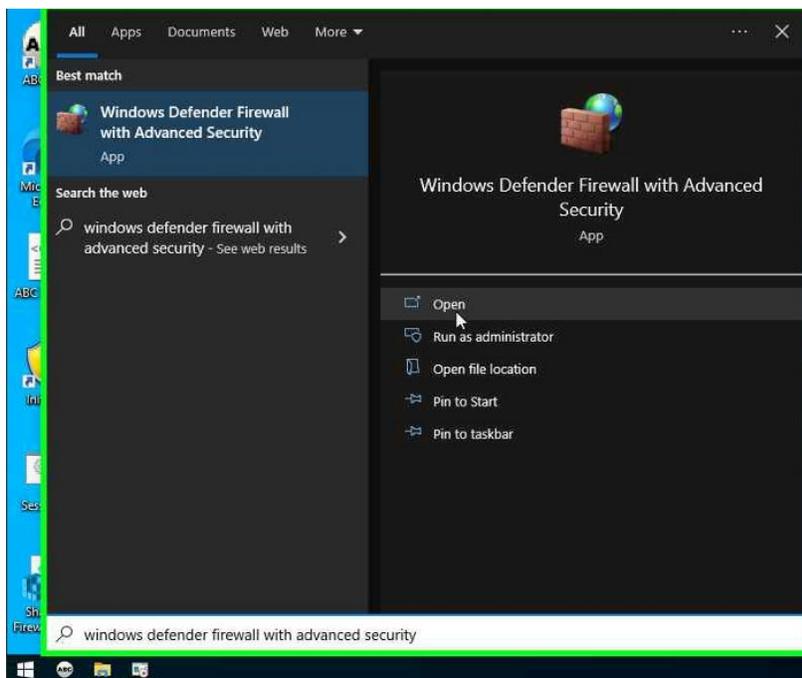
- On the left-hand panel double click on “Task Scheduler Library”
- Locate and select “ABC Banner” to highlight it
- Then select “Run” to test the Banner
- Click okay to close the “ABC Banner”
- Close out of any open windows to return to the desktop

Step 16

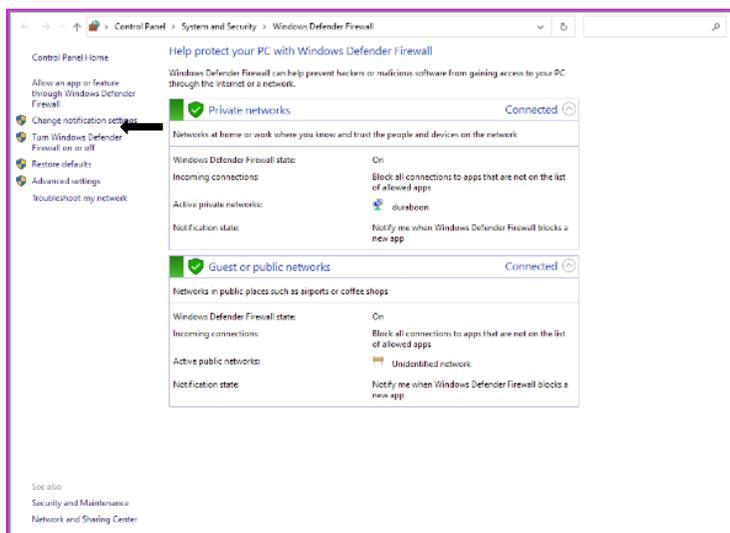


- From the desktop, double left click “Shadow Firewall Rule”
- If prompted by Open File _Security Warning, click “Run”
- Left click “YES” on the first window prompt and then “OK” on the second one.

Step 17



- Press the Windows Key and start typing “Windows Defender Firewall”
- Press enter or click “Open” on the right-hand side



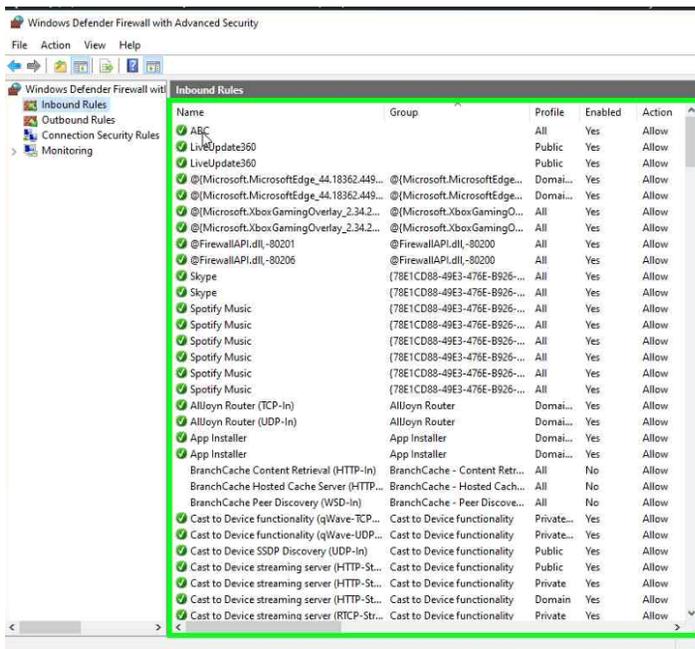
- On the left-hand side Double click “Advanced settings”

Step 18



- Double click "Inbound Rules" on the left hand-side
- This should show all current rules.

Step 19



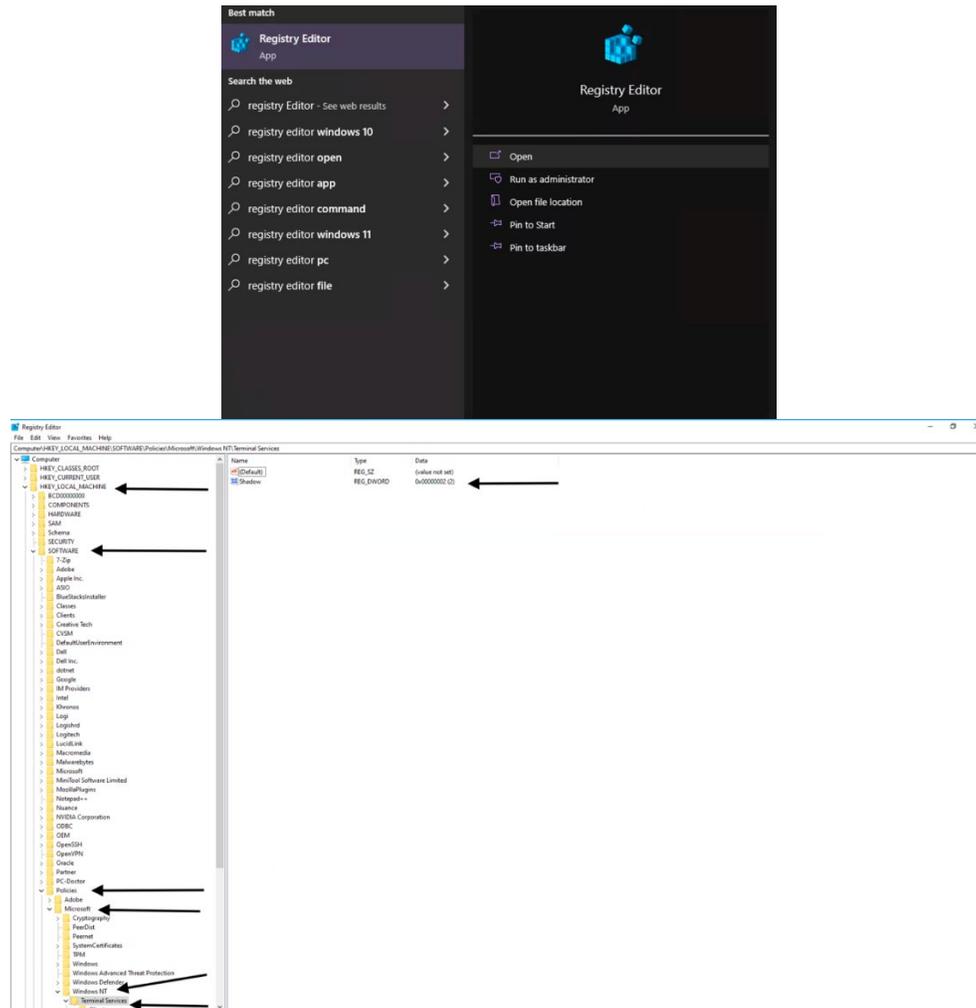
- Search for "ABC" to make sure you see the rule created.
- Close out the window once you have confirmed.

Step 20

Name	Date modified	Type	Size
ABC Banner	8/9/2022 5:01 PM	XML Document	4 KB
InitABC	7/29/2022 9:26 AM	Shortcut	1 KB
SessionID	7/29/2022 7:50 AM	Windows Batch File	1 KB
Shadow Firewall Rule	8/4/2022 11:56 AM	Registration Entries	1 KB
ShadowRegistryEdit	8/9/2022 9:19 PM	Registration Entries	1 KB

- From the Desktop locate “ShadowRegistryEdit”
- Double click the file to execute
- If prompted by Open File _Security Warning, click “Run”
- Click “Yes” and “OK” just like step 16.

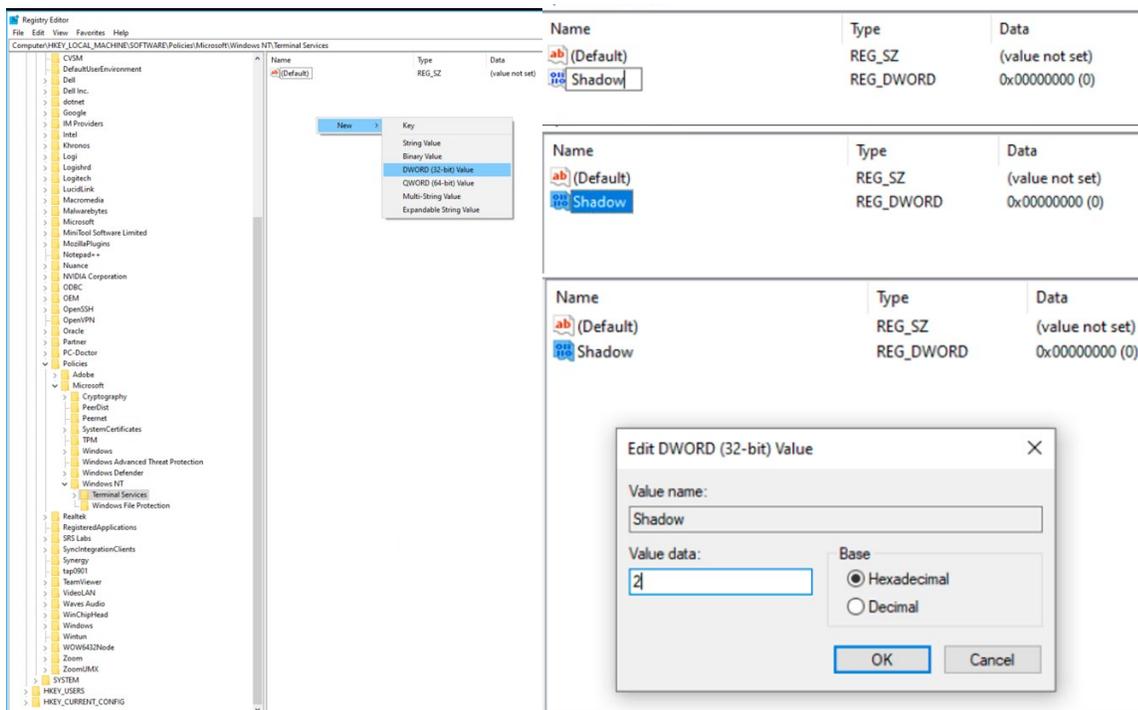
Step 21



- From the desktop press the “Windows Key” and Type “Registry Editor”

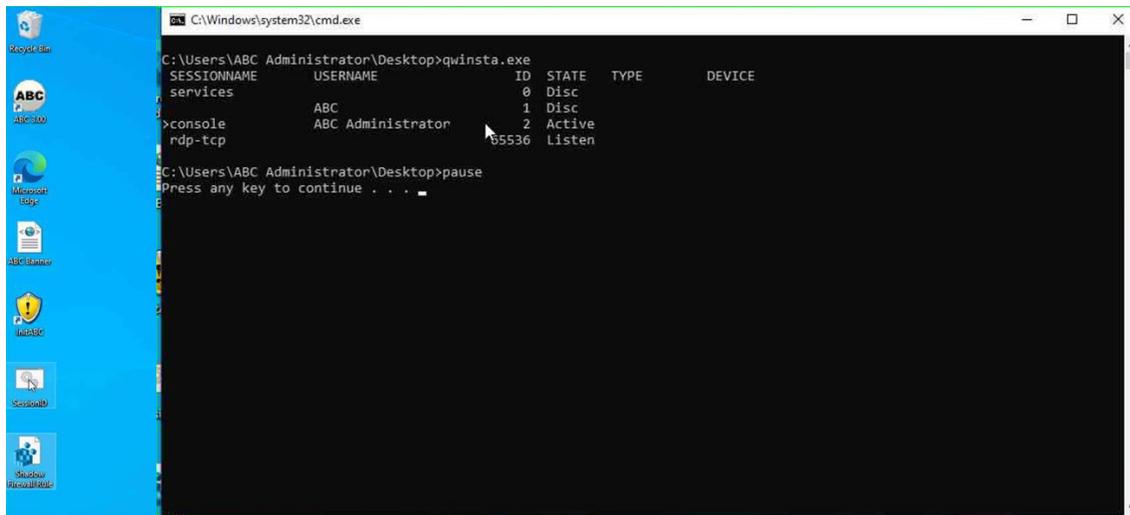
- Select “open” to launch the application
- Navigate the folders on the left-hand panel to reach the following: Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services
- Double click “HKEY_LOCAL_MACHINE”, “SOFTWARE”, “Policies”, “Microsoft”, “Windows NT”, and Select “Terminal Service” to highlight it.
- On the right-hand panel you should see an entry for “Shadow”
- Once confirmed you can close this window and skip to Step 23
- If you don't see “Shadow” already made. Proceed to the next Step.

Step 22



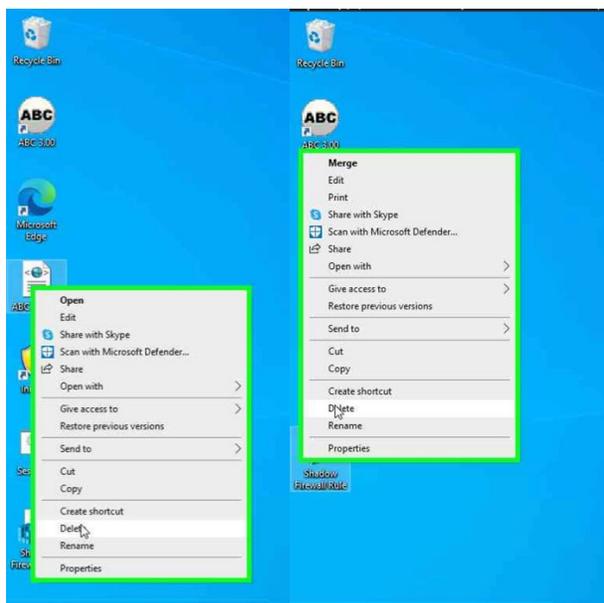
- Right click anywhere in the right-hand panel.
- Using the mouse hover over “New” to access the subcategory
- Select and click on DWORD (32-bit) Value
- Type: Shadow and press enter to confirm.
- Double click on newly created “Shadow”
- In the “Value data” Type: 2
- Leave the rest alone and click OK
- Close Registry editor to return to the Desktop.

Step 23



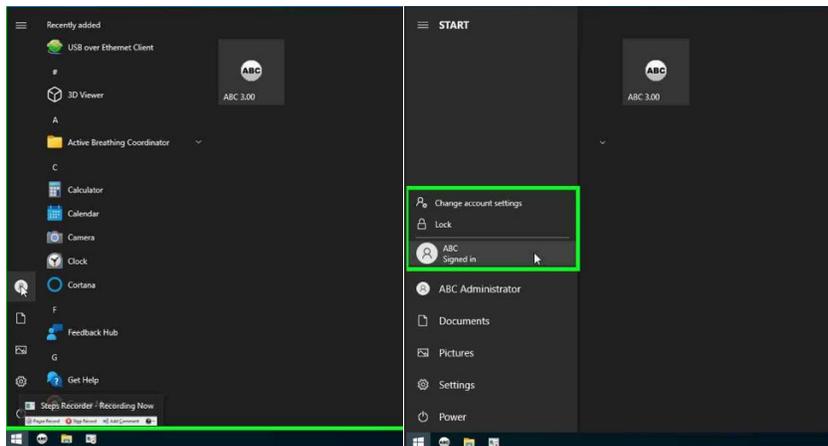
- While back at the Desktop, double click on session ID to run the file.
- This is used to troubleshoot what session ID ABC user has been assigned.
- We always want this to stay at Session ID 1

Step 24



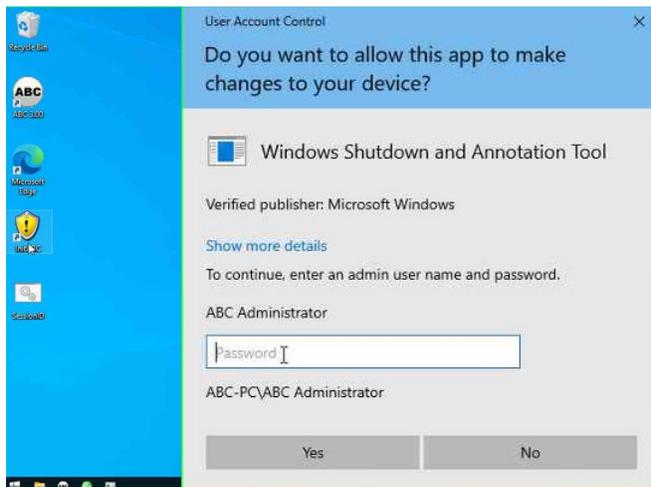
- Before sign into ABC user.
- You can now right click on “ABC Banner” and select “Delete”
- Do the same for “Shadow Firewall Rule” and “Shadow Registry Edit”

Step 25



- Now we can check to make sure all it's working correctly.
- While at the desktop Hit the Windows Key
- Left click on user icon on the left-hand panel.
- Select ABC user to sign in.
- Log into ABC
- Password = abc

Step 26



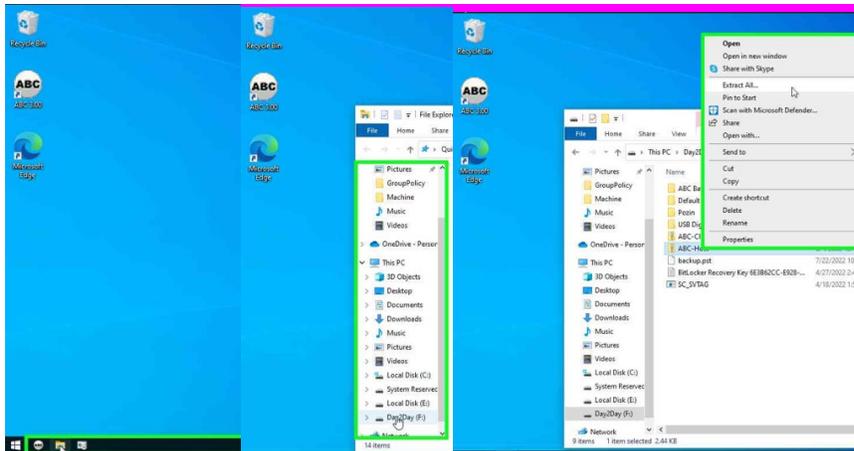
- Double click on INITABC icon
- Enter Admin credentials
- Password = elekta
- Wait and you should see that system will restart.
- Once the system has turned back on. Log into ABC

Setting up the New RDP Icon on the Client PC

Install setup:

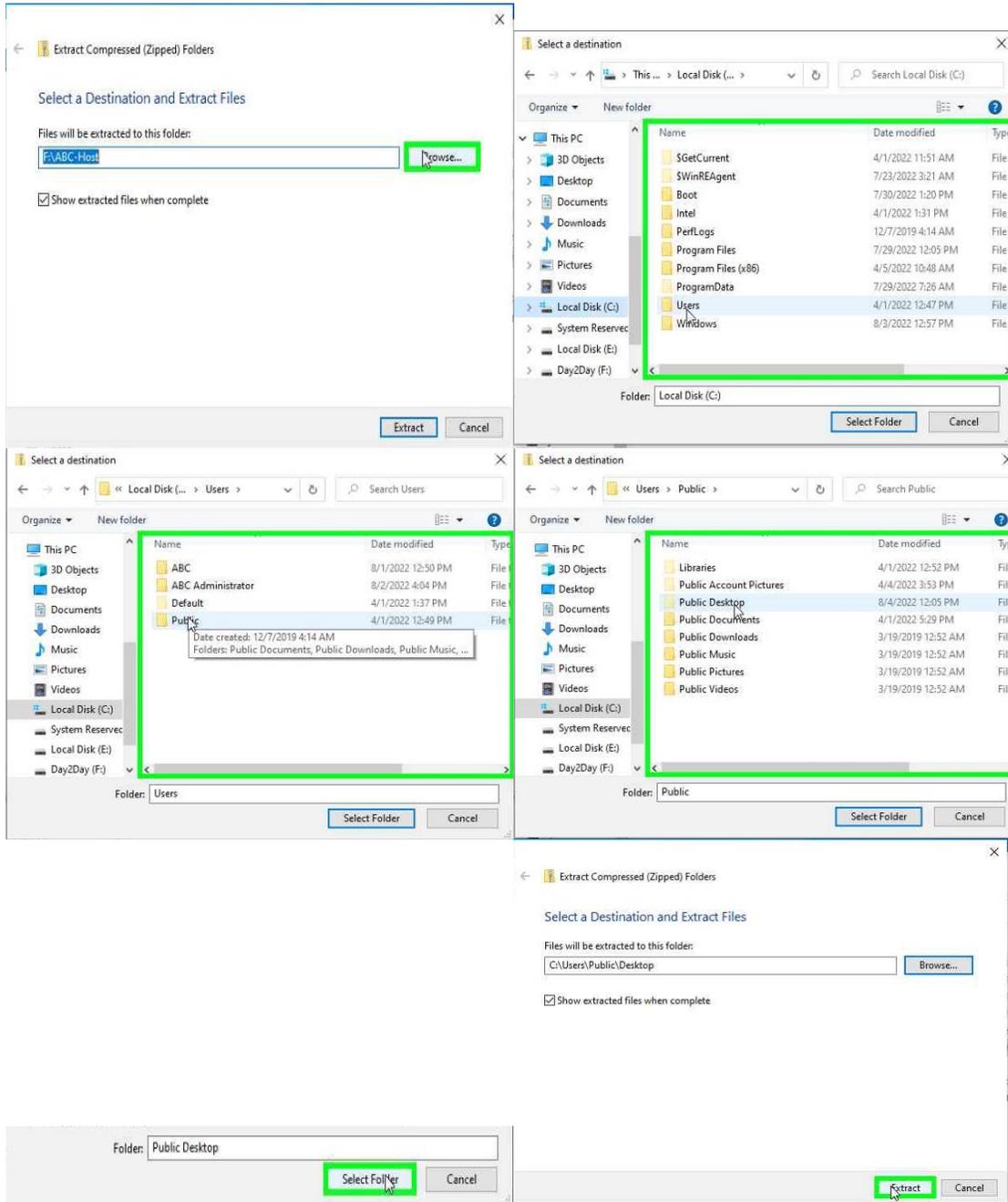
- Connect the client PC to the ABC Host machine via ethernet cable
- Login to the ABC Host machine as ABC, password abc

Step 1



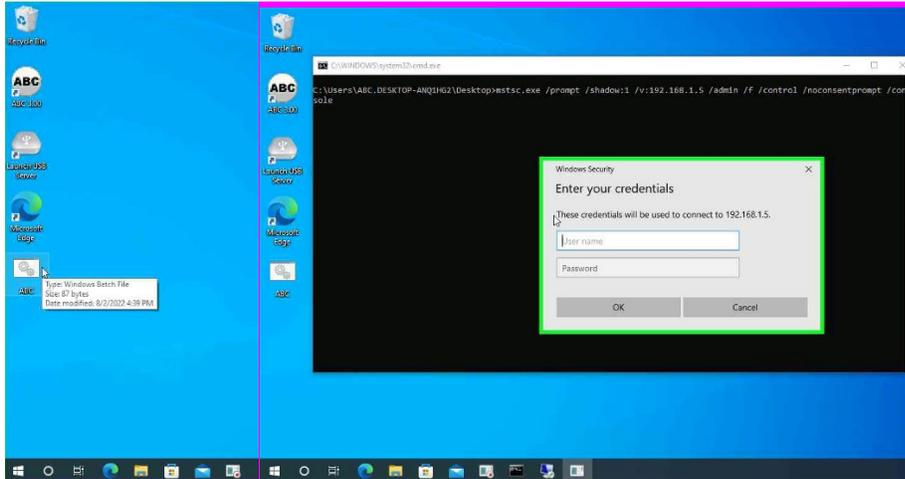
- Using the Mouse, bring up the Taskbar.
- Left click on the Folder Icon to bring up File Explorer.
- Navigate the Left-hand panel and locate your USB Device.
- Locate the saved "File Name".zip, right click and select "Extract All..."

Step 2



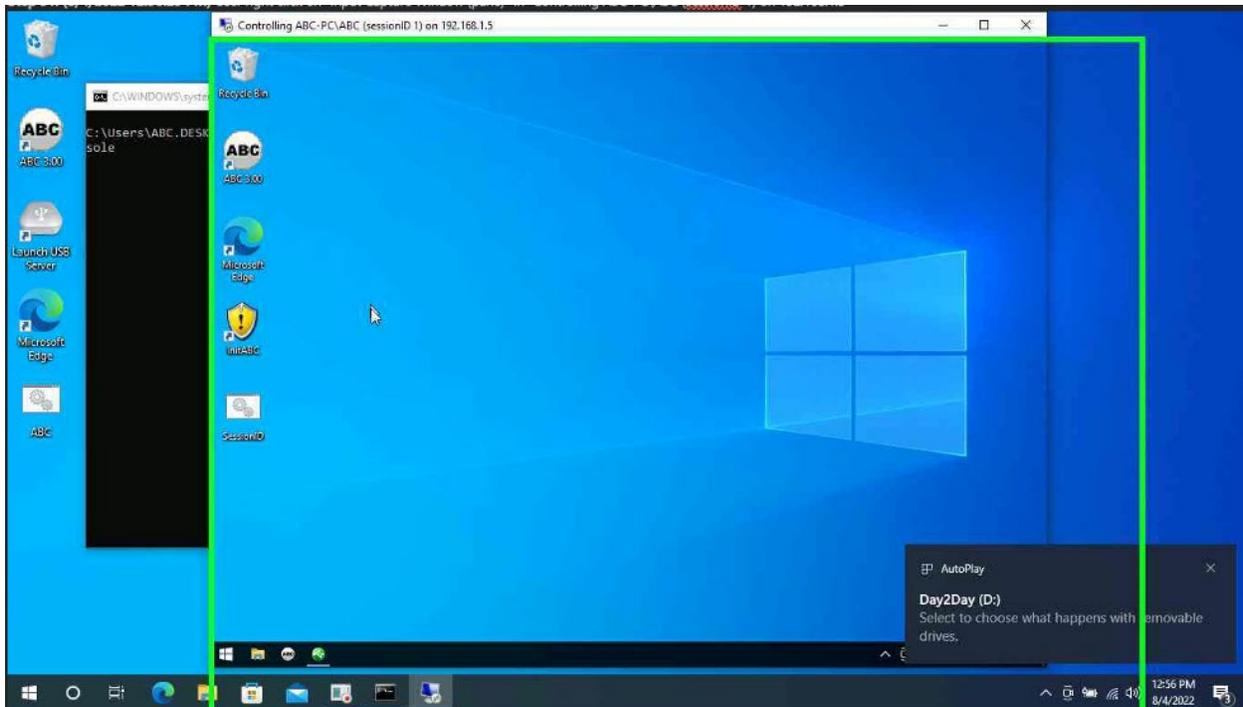
- Select "Browse..."
- Using the left-hand panel to locate the C: Drive.
- Navigate the "Users" folder, "Public", and select "Public Desktop"
- Then left click "Select Folder"
- Confirm the extract destination is "C:\Users\Public Desktop"

Step 3



- To test to make sure the file works.
- Double click ABC icon
- Sign in = abc
- Password = abc
- Wait for the connection to be made.

Step 4

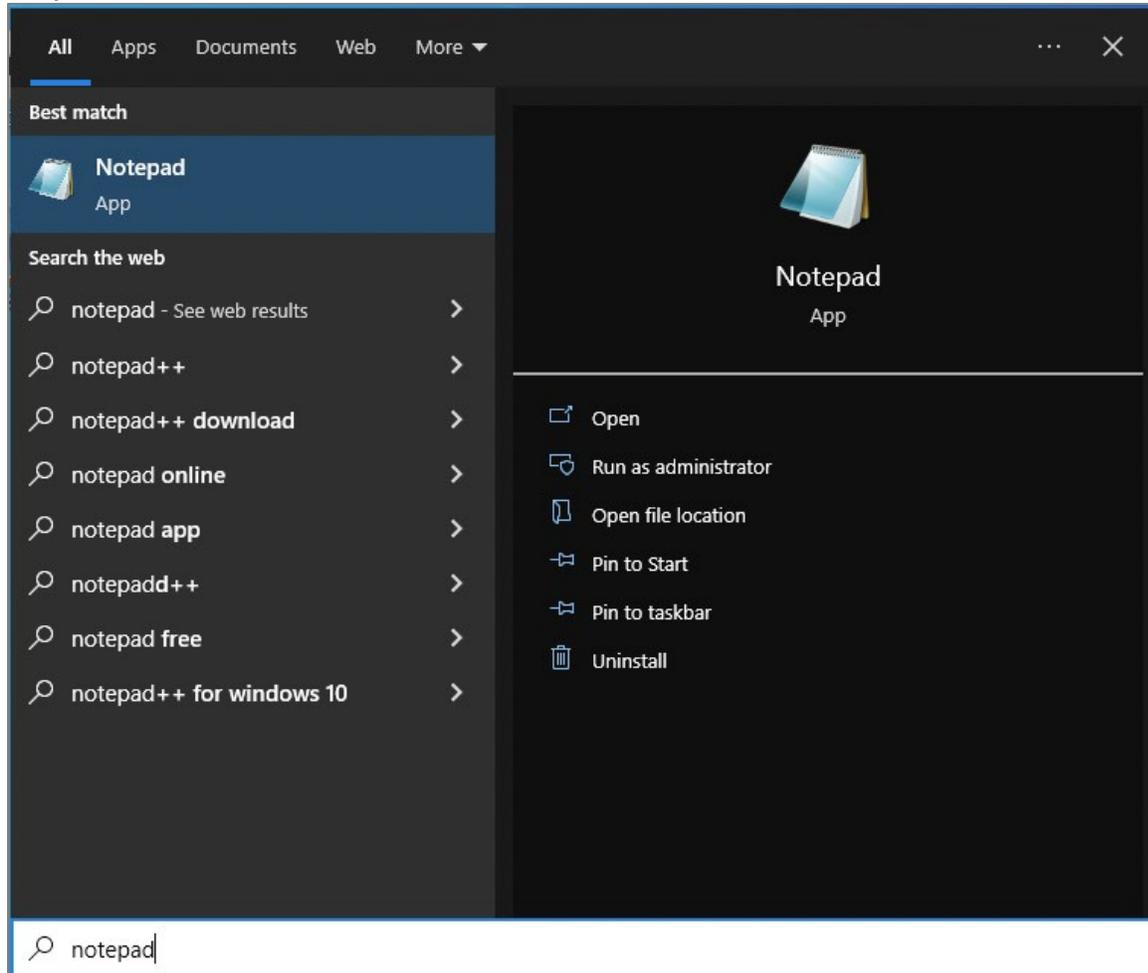


- You are now connected to ABC Host PC.

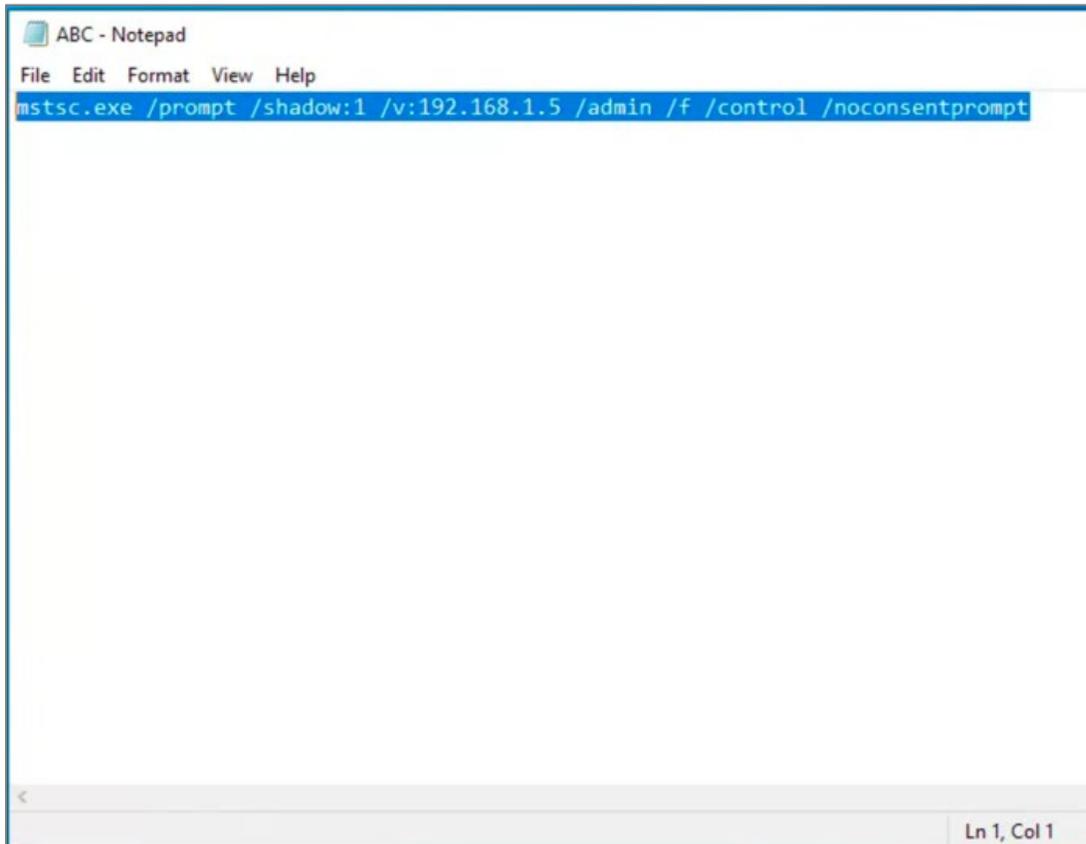
Manually create ABC.bat file on the ABC Cleint.

Note: This is needed only if ABC.bat was not downloaded from Aktina.com.

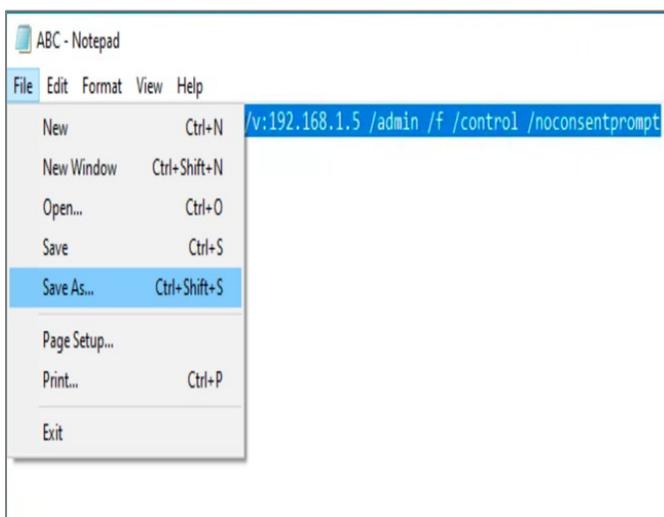
Step 1



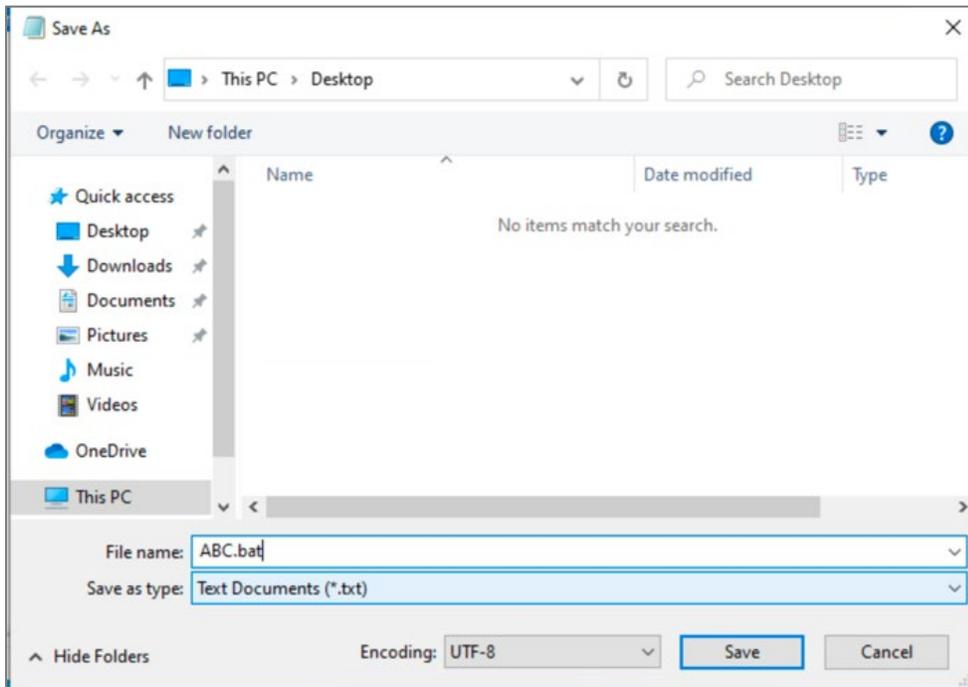
- At client PC, press the Windows Key and start typing “Notepad”
- Press enter or click “Open” on the right-hand side
- In Notepad type the following:



- mstsc.exe /prompt /shadow:1 /v:192.168.1.5 /admin /f /control /noconsentprompt
- note that, there is a space before the forward slash

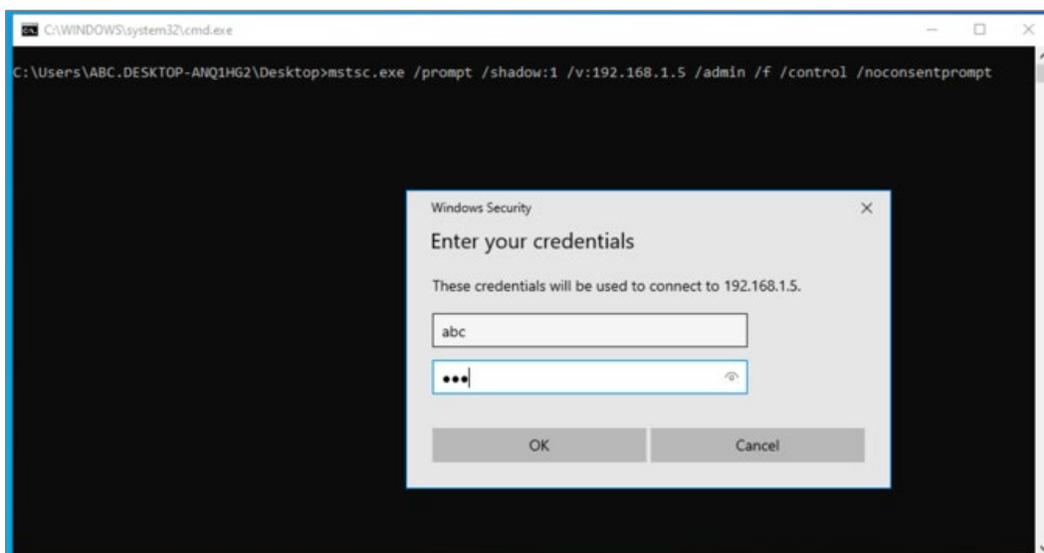


- Once that's completed - Select "File" and then "Save As..."



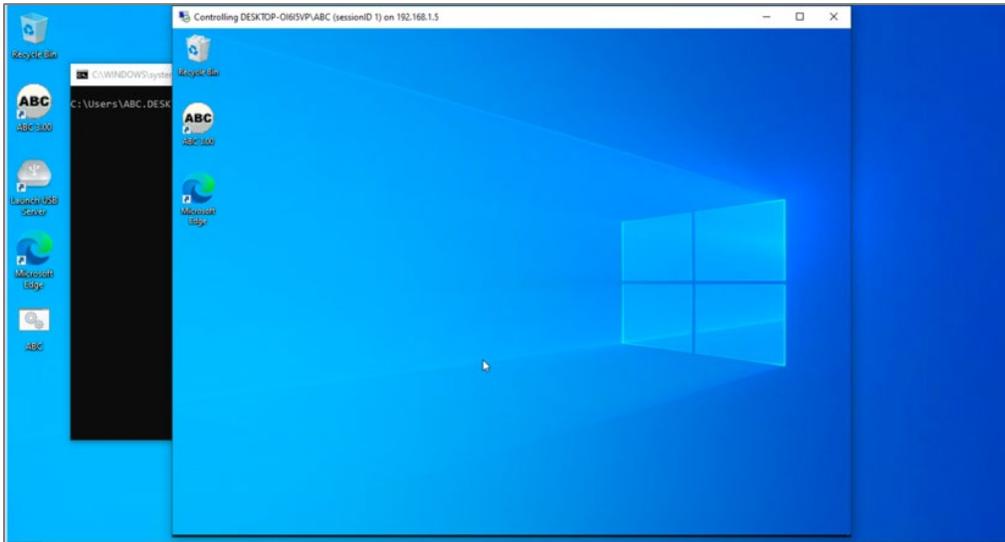
- Name the File “**ABC.bat**” and save it on the desktop

Step 2



- Double click the file created and enter the username and password for the “ABC account on the host PC”
- Type abc on the top box and type abc as the password and click “OK” or press enter

Step 3



- You're now able to control ABC Host while still allowing video output on the monitor

Step 4

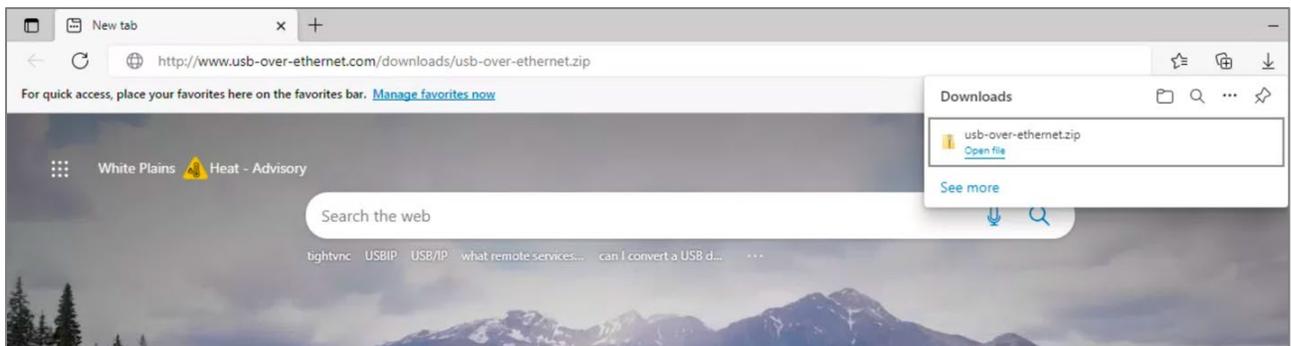
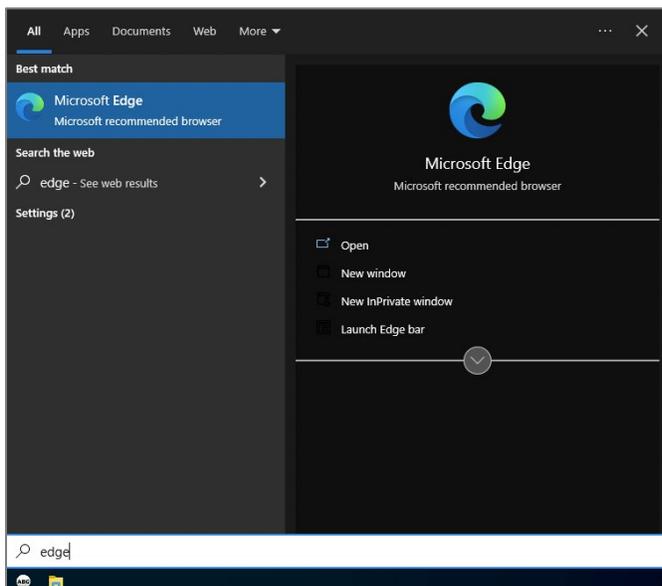
- Proceed with Installing USB over Ethernet on both the client and host PC before testing ABC Software
- Close up the remote desktop window by clicking the X on the upper right.

Installing USB over Ethernet on the Client Side

Install setup:

- You will need a license key for the USB over Ethernet install. Email support@aktina.com for a permanent product key (a 15 days trial period is in effect at installation).
- Connect the client PC to the ABC Host machine via ethernet cable
- Connect the Gating Kit device to the client PC
- Login to the ABC Host machine as ABC, password abc

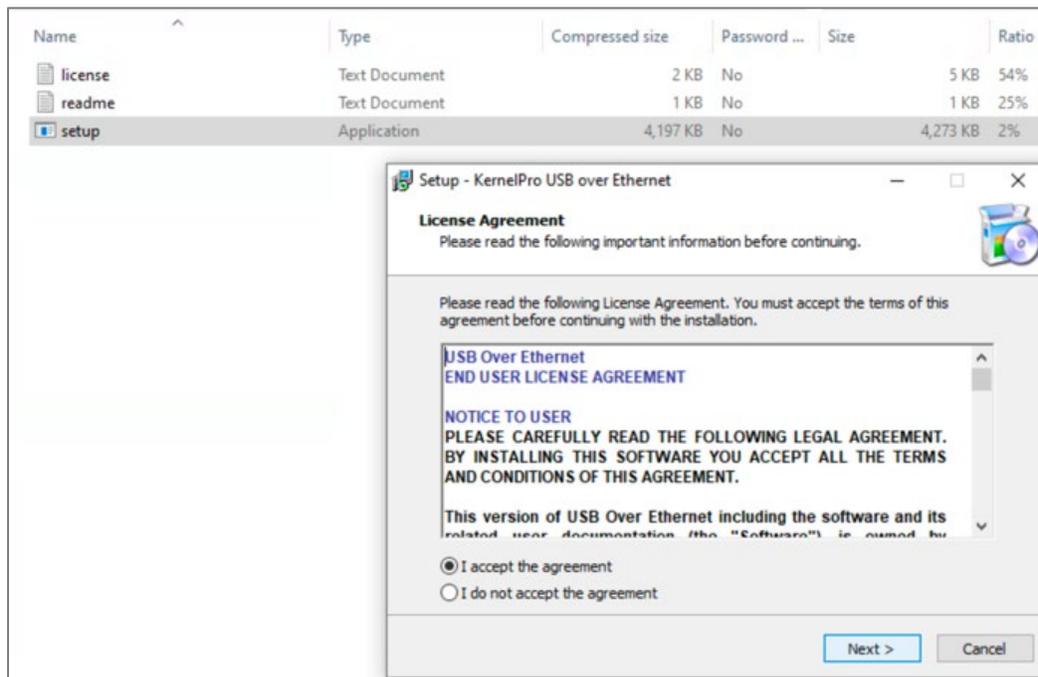
Step 1



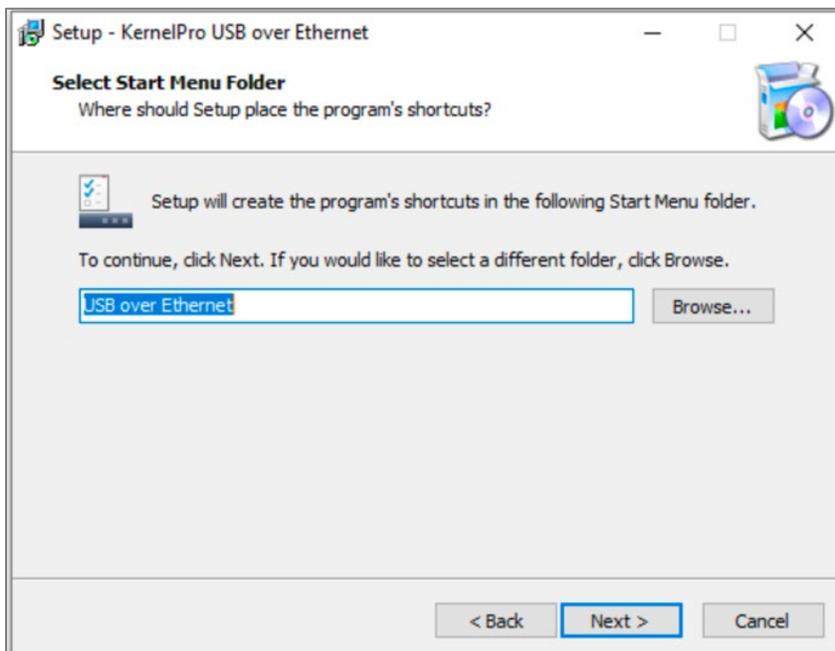
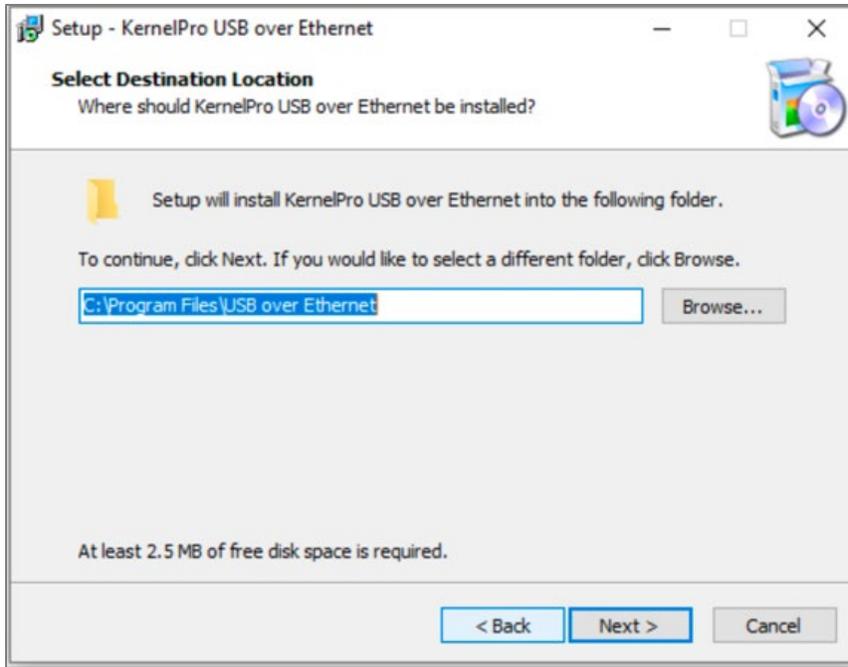
- At client PC, press the Windows Key and start typing "Edge"
- Press enter or click "Open" on the right-hand side

- While connected to the Internet or downloading from another PC with internet access. Go to the following URL link: <http://www.usb-over-ethernet.com/downloads/usb-over-ethernet.zip>
- Once typed into a web browser you should automatically download a .ZIP file
- Select "Open file" once its download

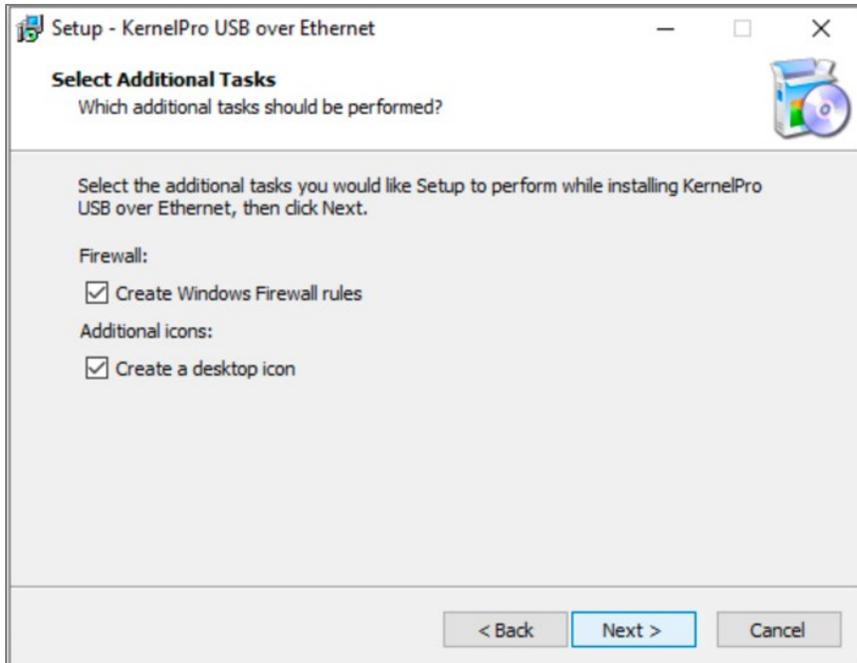
Step 2



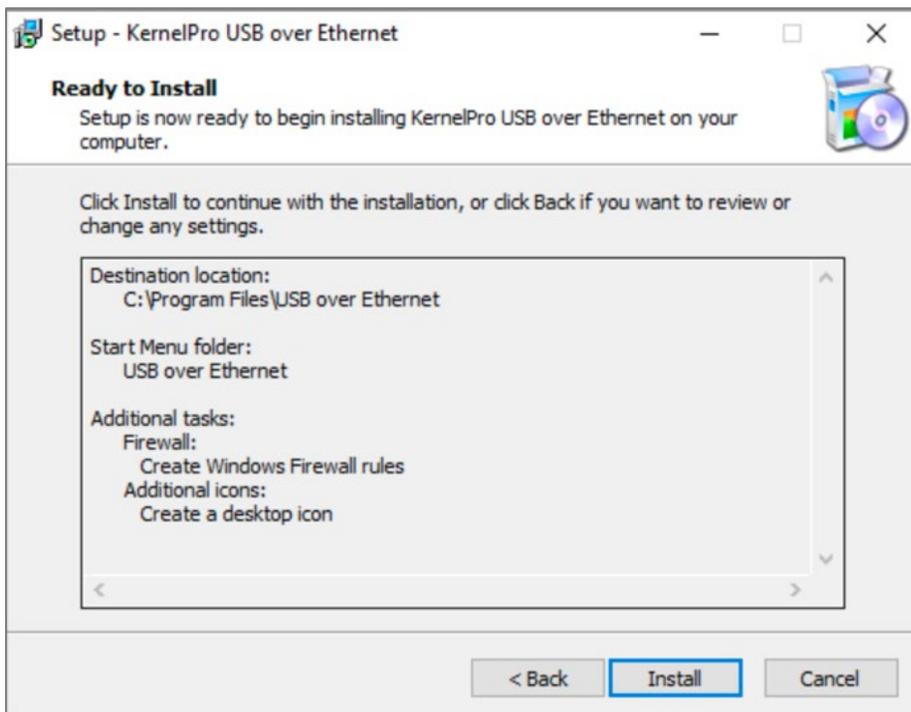
- Once open, Double click "Setup"
- Select "I accept the agreement"
- Follow the prompts to install the software



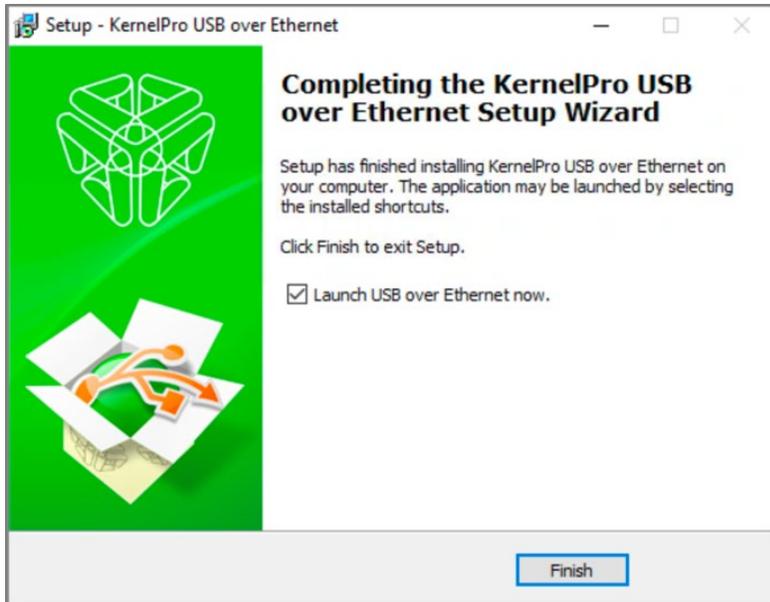
- Continue to follow the prompts to install the software



- Continue to follow the prompts to install the software
- Then click “Next” while leaving the settings to default

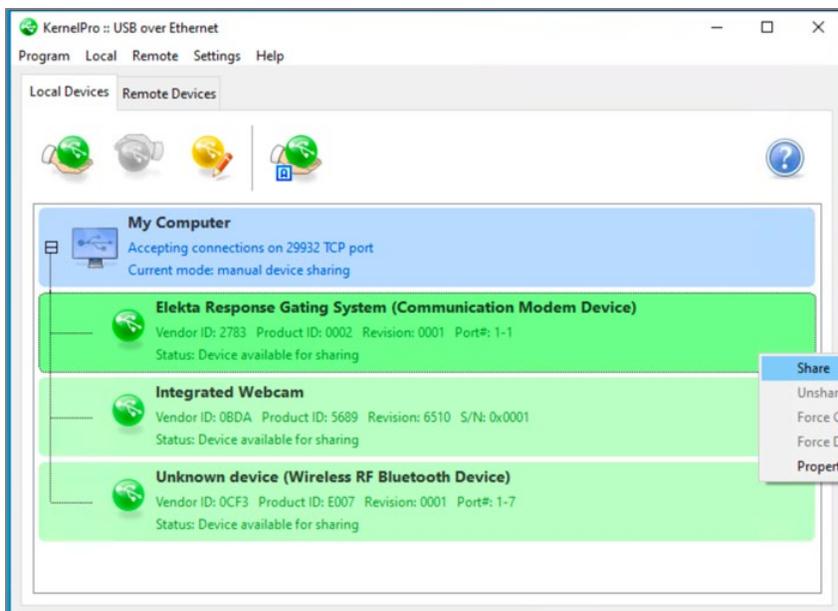


- Click “Install”



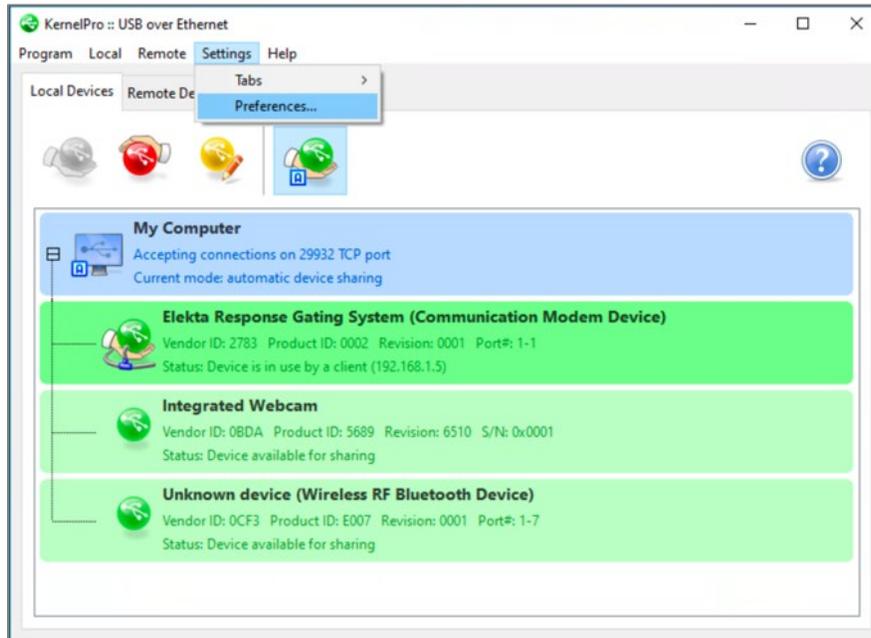
- Until you get to “Finish”

Step 3

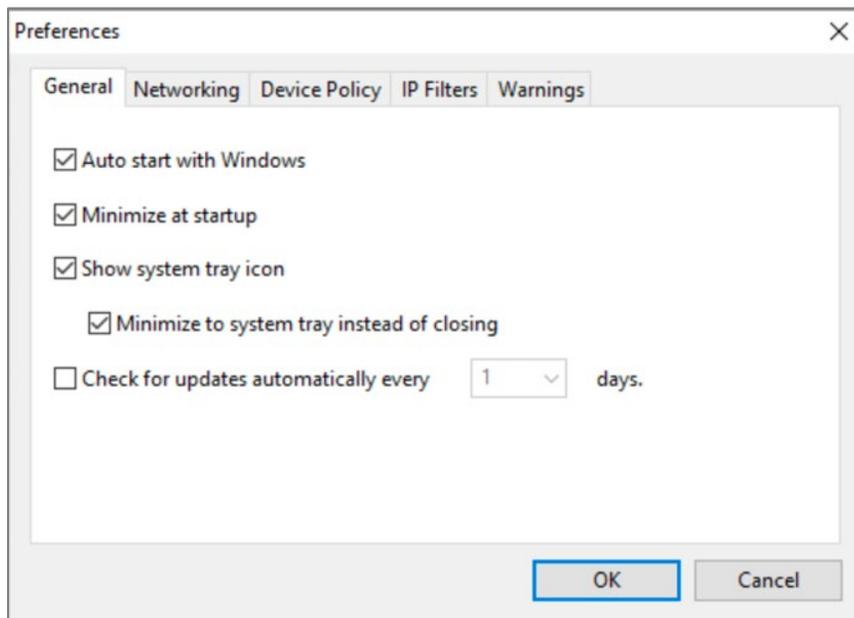


- Once the application starts.
- Locate the “Elekta Response Gating System (Communication Modem Device)”
- Please make sure the Gating kit is connected to the Client’s Laptop
- Right click Elekta Response Gating System and Select “Share”

Step 4

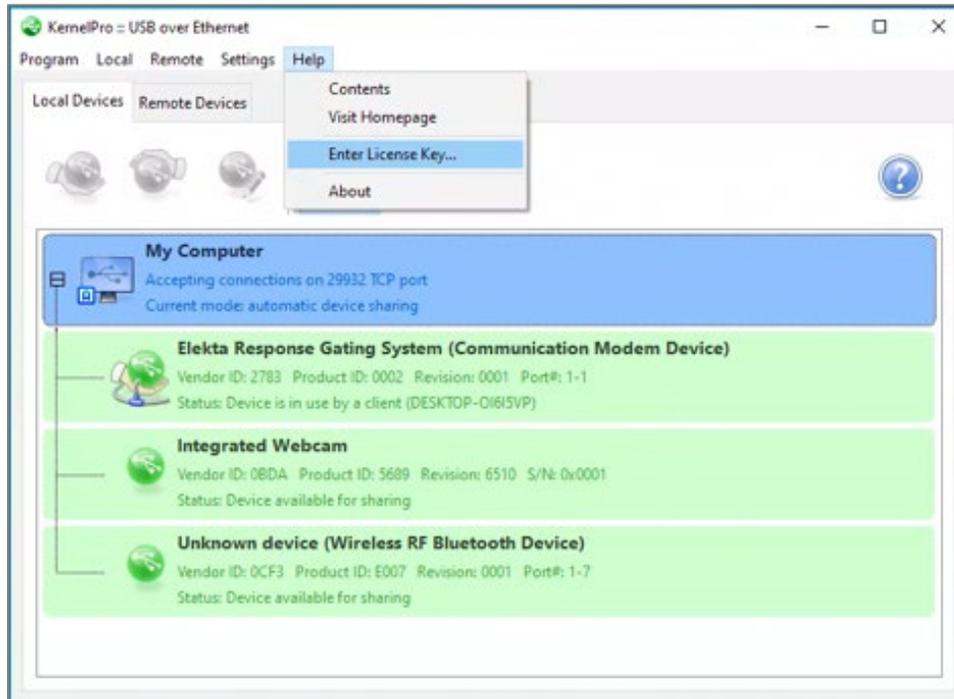


- Finish up by Selecting “Settings” on the top.
- Select “Preferences...”

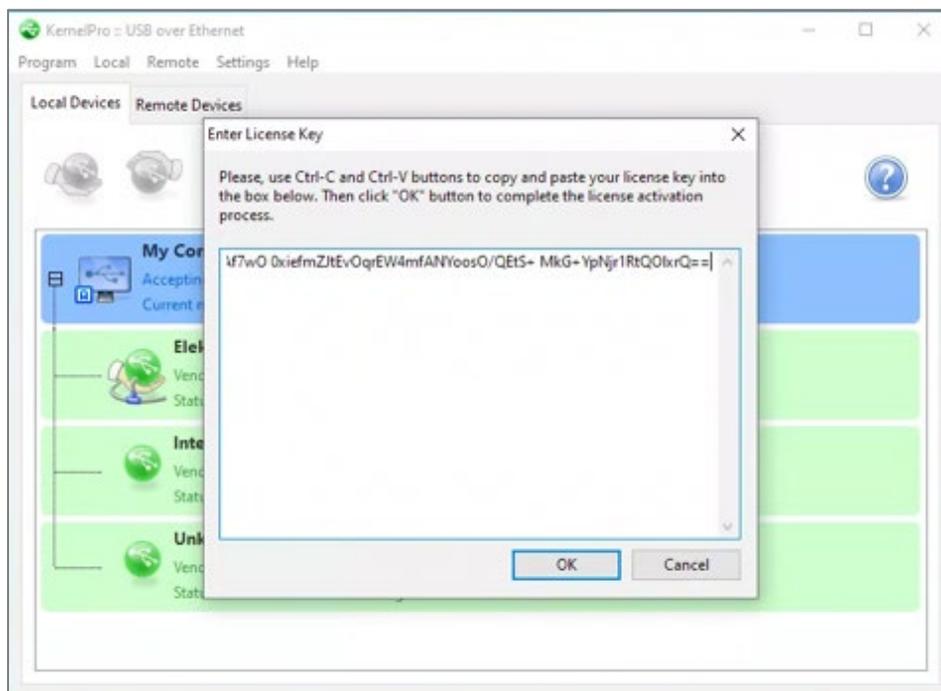


- Under “General” tab make sure the first 4 boxes are selected and the last one turned off.
- Select “OK” once you finished.

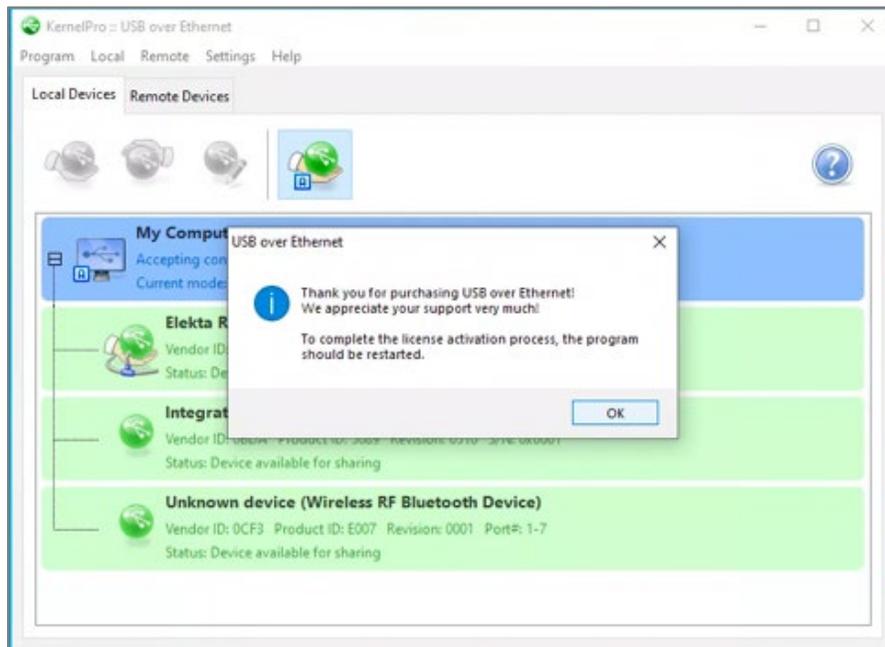
Step 5



- With the application still open
- Click on “Help” and select “**Enter License Key...**”
- This will open a window that will allow you to copy the Product or manually type it in

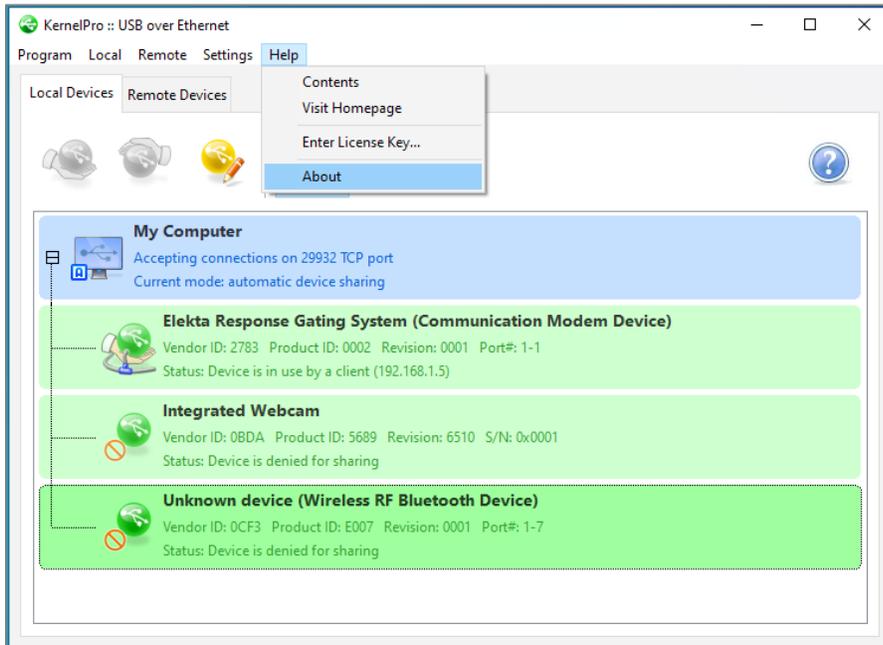


- Email support@aktina.com for a permanent product key (a 15 days trial period is in effect at installation).
- Once entered you can Select “OK”

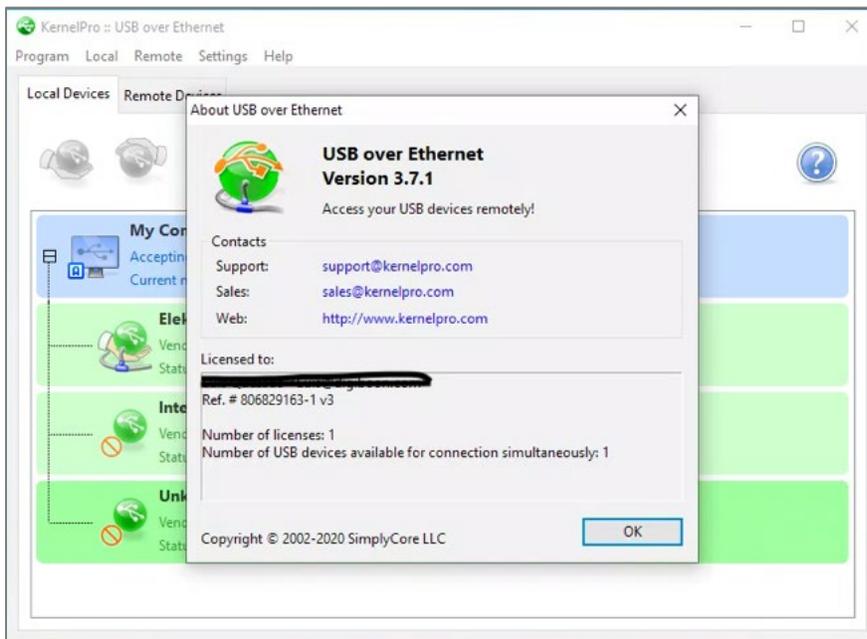


- If done correctly you will get a Prompt asking to restart the application
- We recommend doing a restart on the device and log into the account that will mainly be used

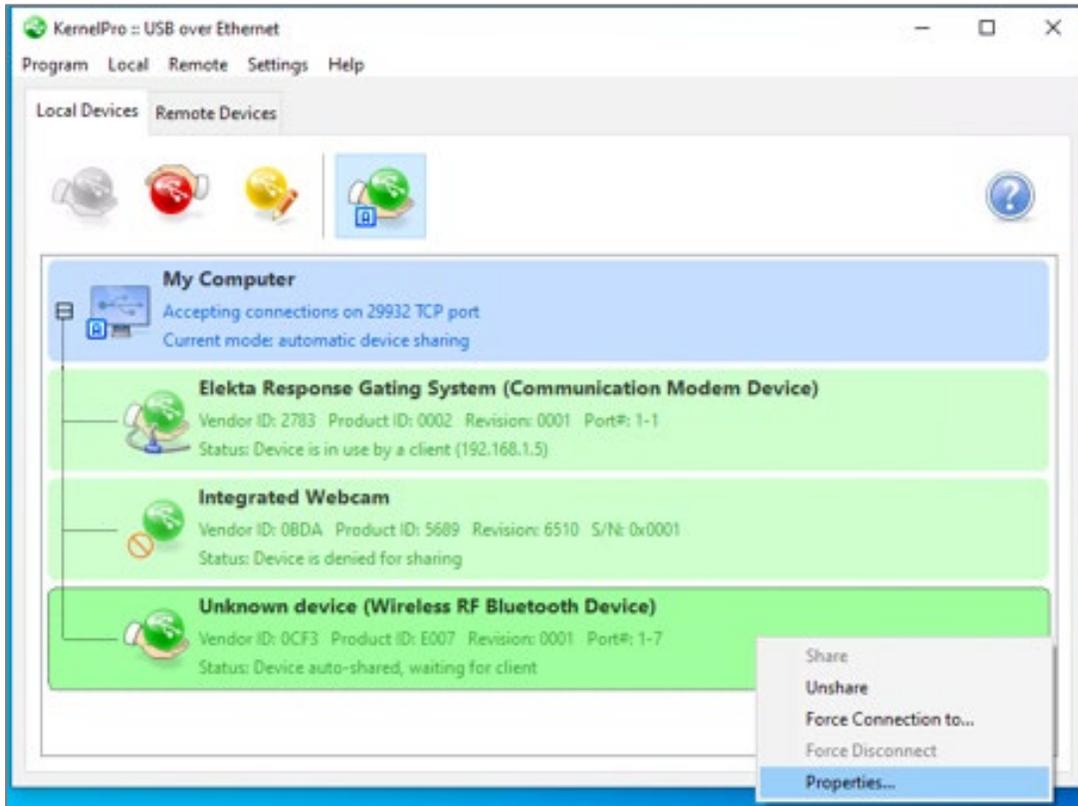
Step 6



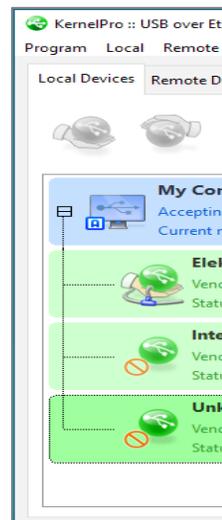
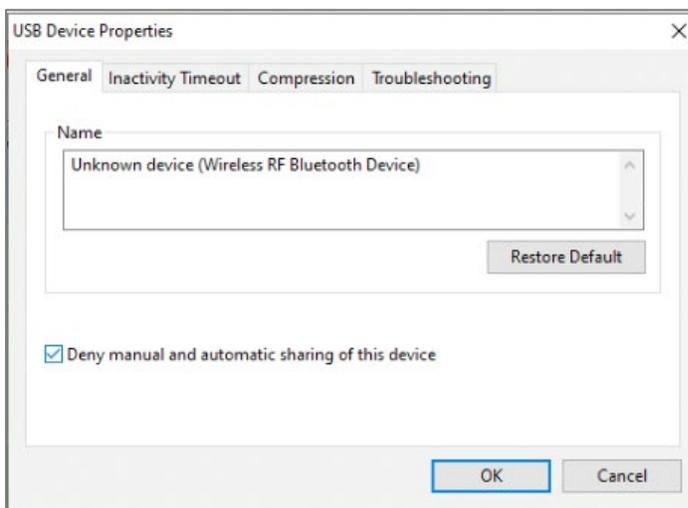
- Bring up the application once more
- You may check to make sure its activated if logged into another profile
- Navigate to “Help” on the top and select “About”
- Close out by clicking “OK”



Step 7



- Lasty you can disable the sharing of any other device to mitigate confusion
- Right click on the device you wish not to share and select “Properties”
- Make sure you check the box for “Deny manual and automatic sharing of this device”
- You’ll see a red icon device to show its disabled

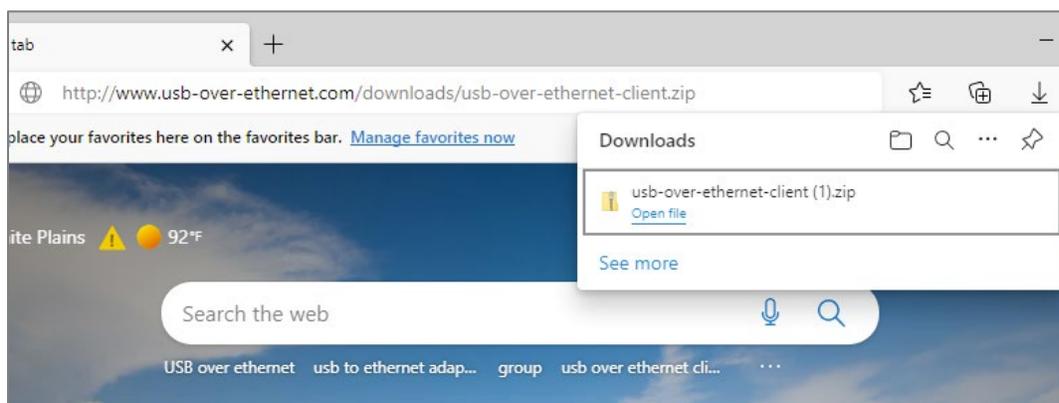
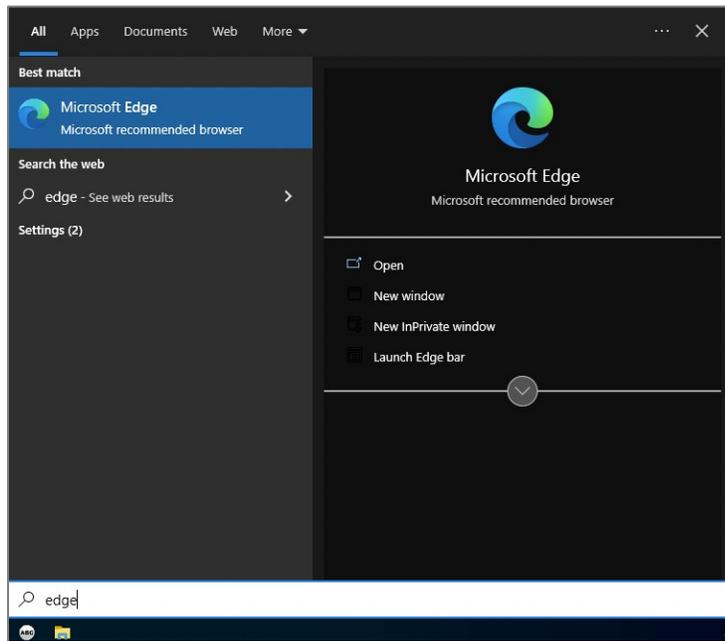


Installing USB over Ethernet Client on the Host

Install setup:

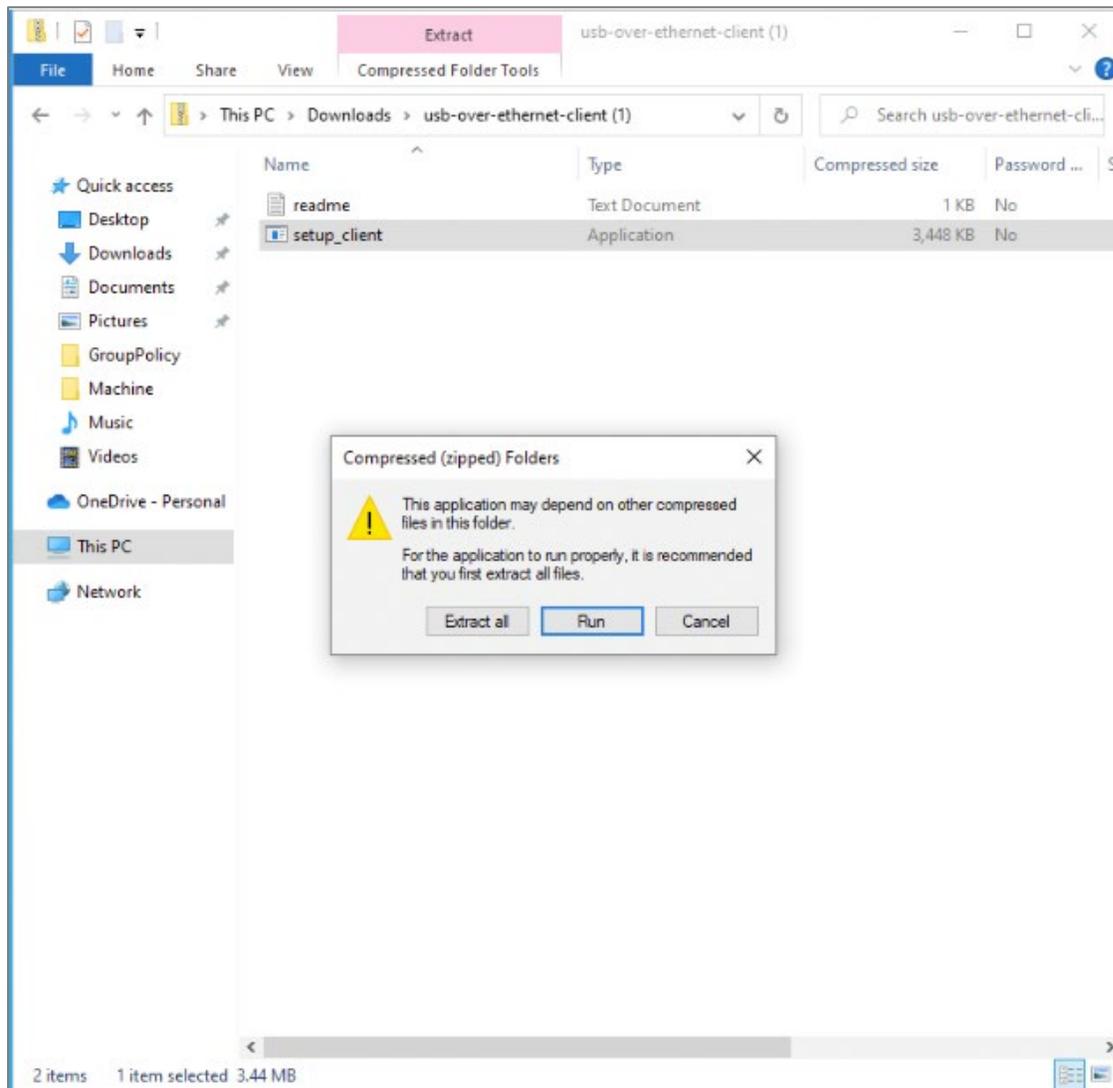
- Connect the client PC to the ABC Host machine via ethernet cable
- Connect the Gating Kit device to the client PC
- Login to the ABC Host machine as ABC Administrator, password elekta

Step 1



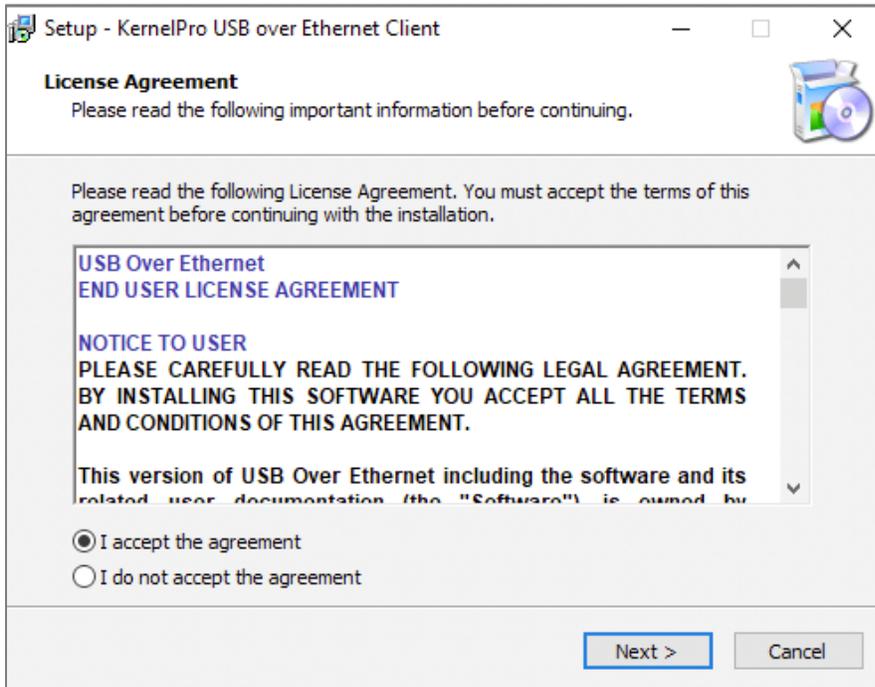
- At the ABC host, press the Windows Key and start typing "Edge"
- Press enter or click "Open" on the right-hand side
- While connected to the Internet or downloading from another PC with internet access. Go to the following URL link: <http://www.usb-over-ethernet.com/downloads/usb-over-ethernet-client.zip>
- Once typed into a web browser you should automatically download a .ZIP file
- Select "Open file" once its download

Step 2

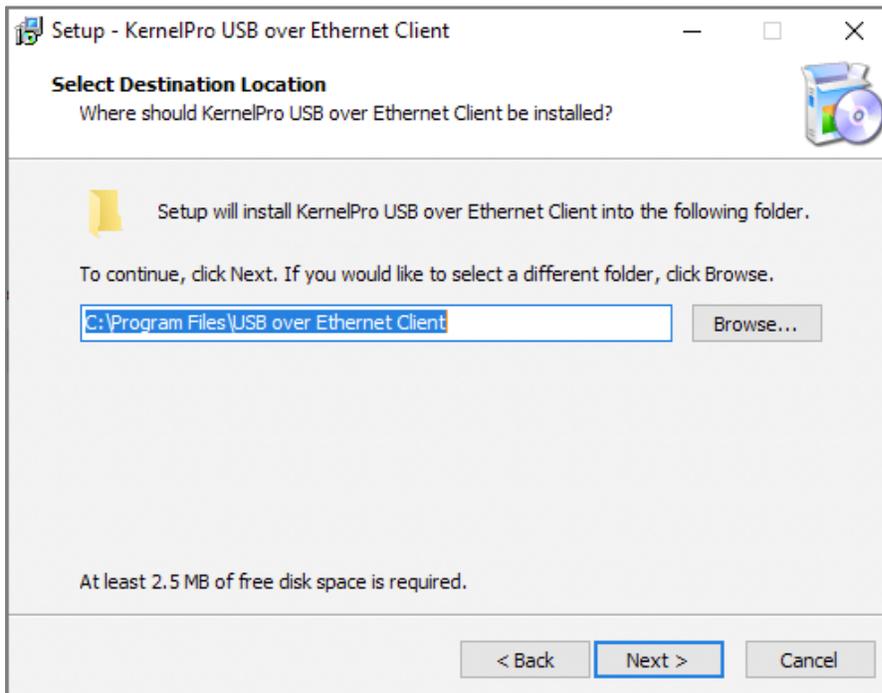


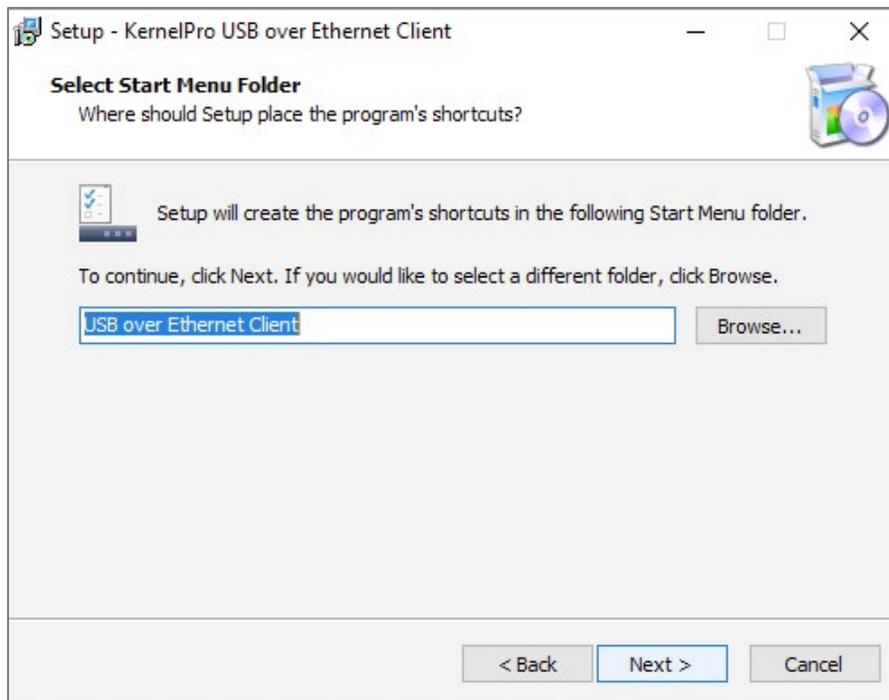
- Double click on "setup_client"
- Then click on "Run"

Step 3

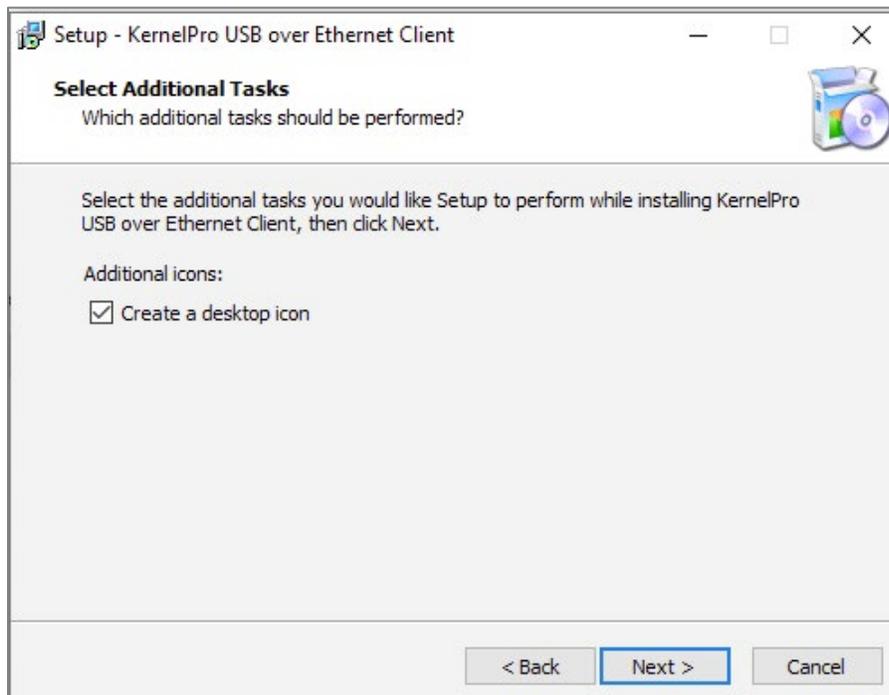


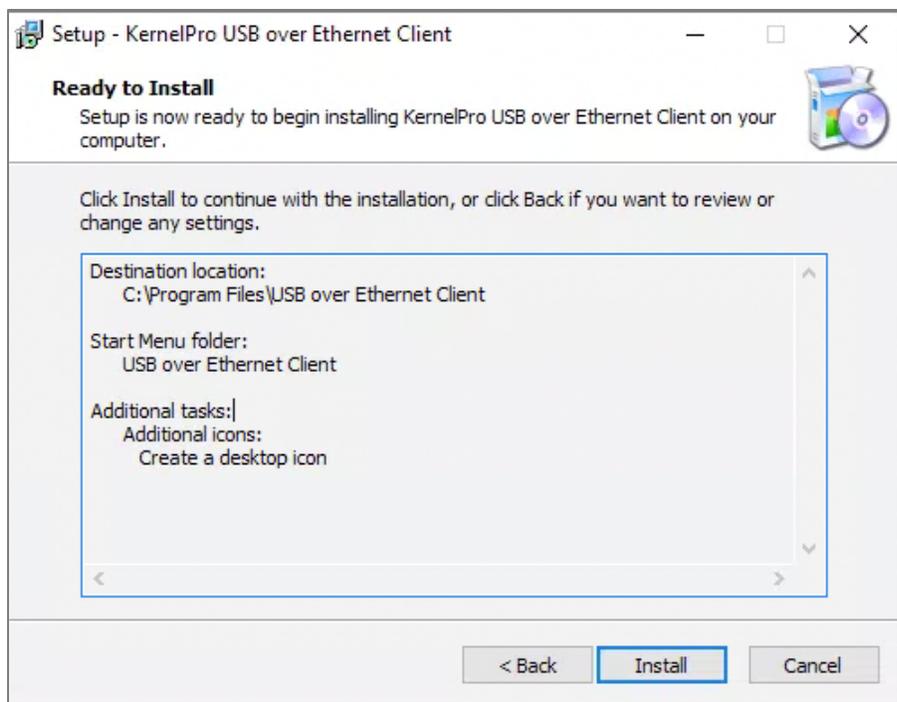
- Select "I accept the agreement"
- Select "Next"



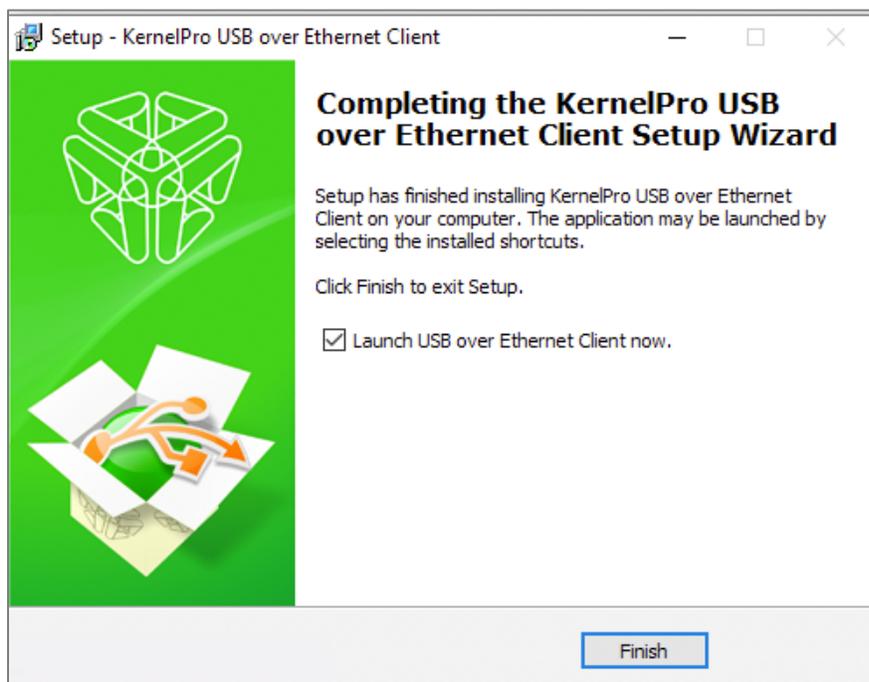


- Leave the rest as default and select "Next"



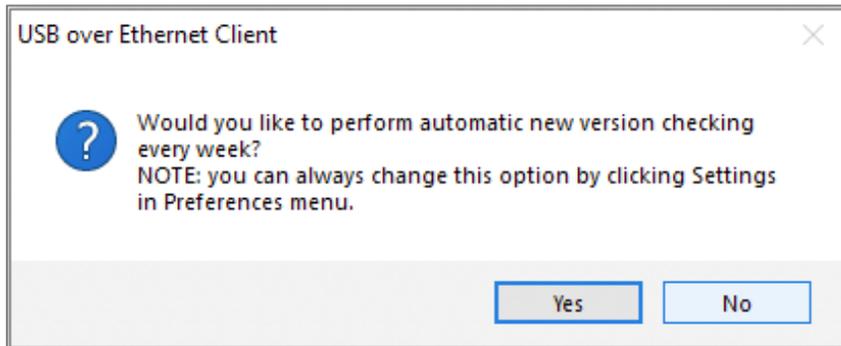


- Click "Install"



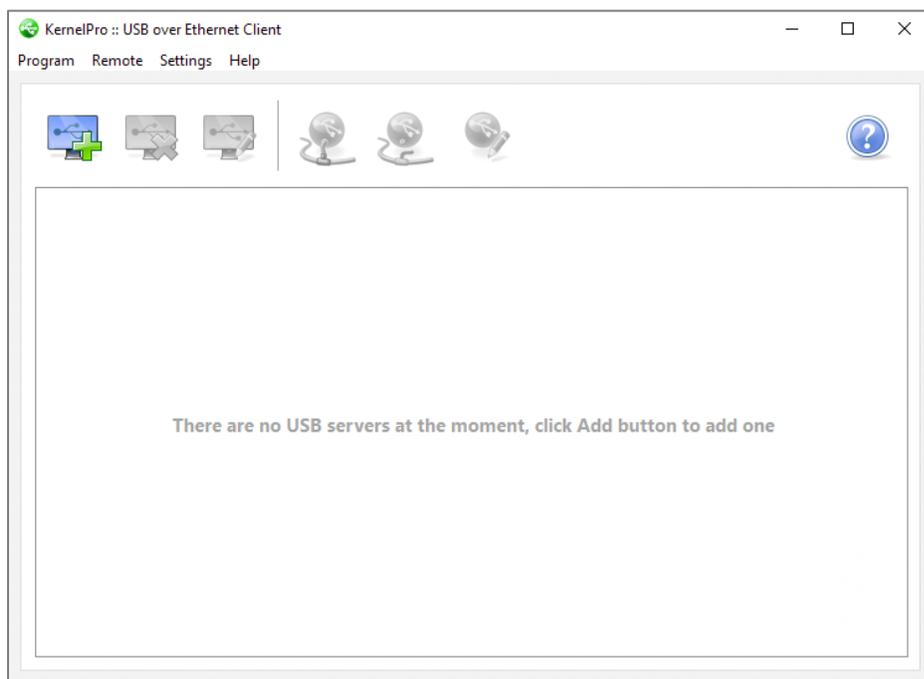
- Until you get to "Finish"

Step 4



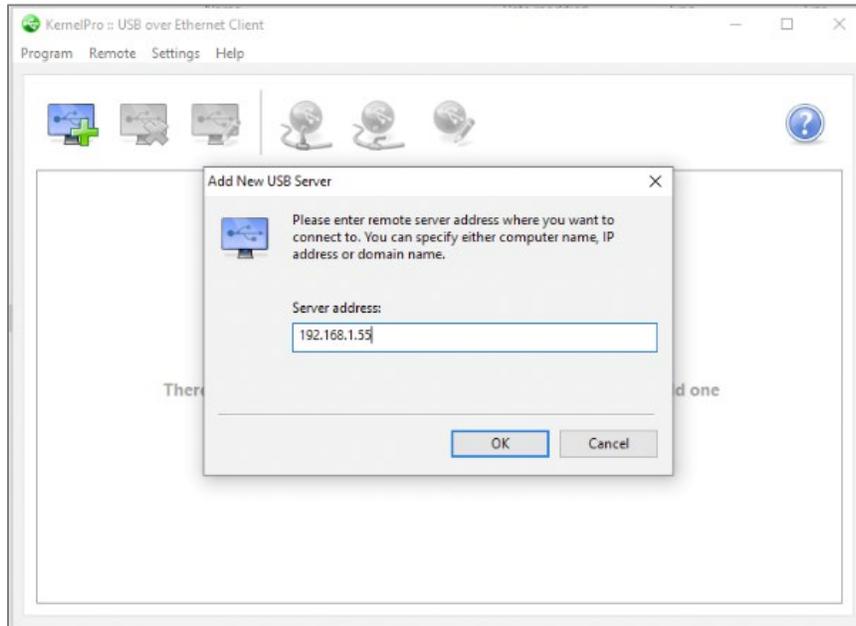
- Select "No" as this unit will not have internet access available

Step 5



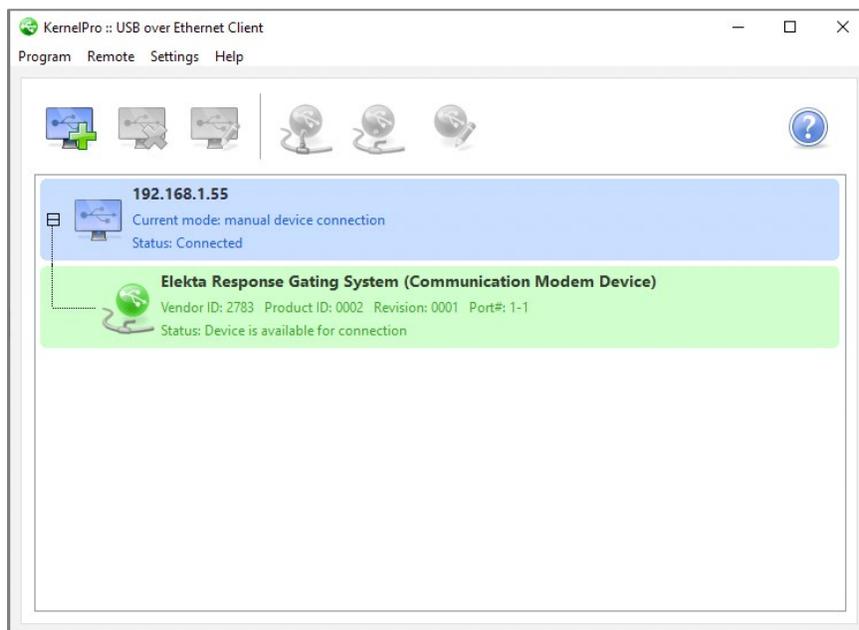
- Select the PC with the Plus on the upper left

Step 6



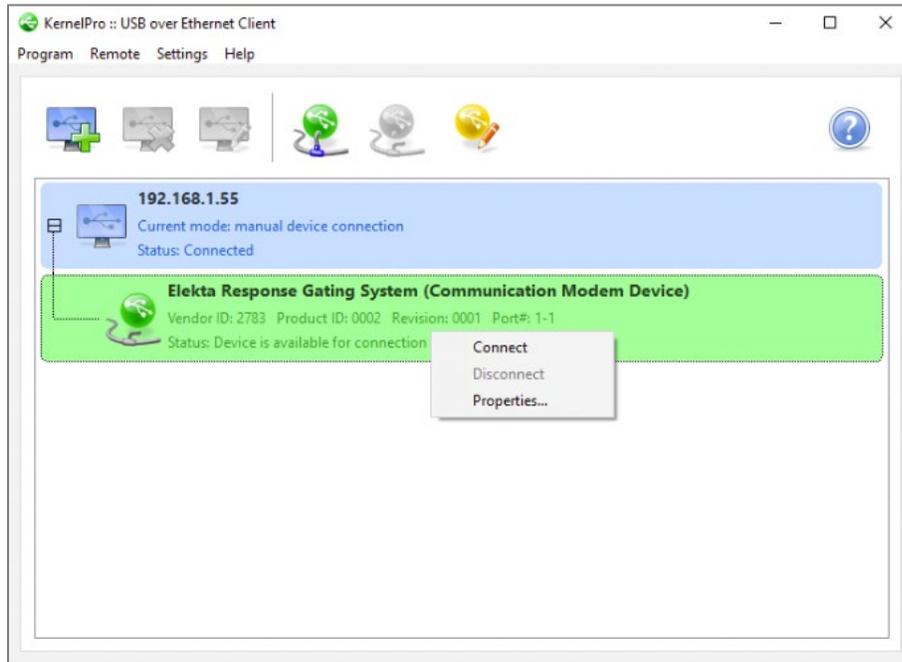
- Type in the IP address of the ABC client device “192.168.1.55”
- Click “OK”

Step 7

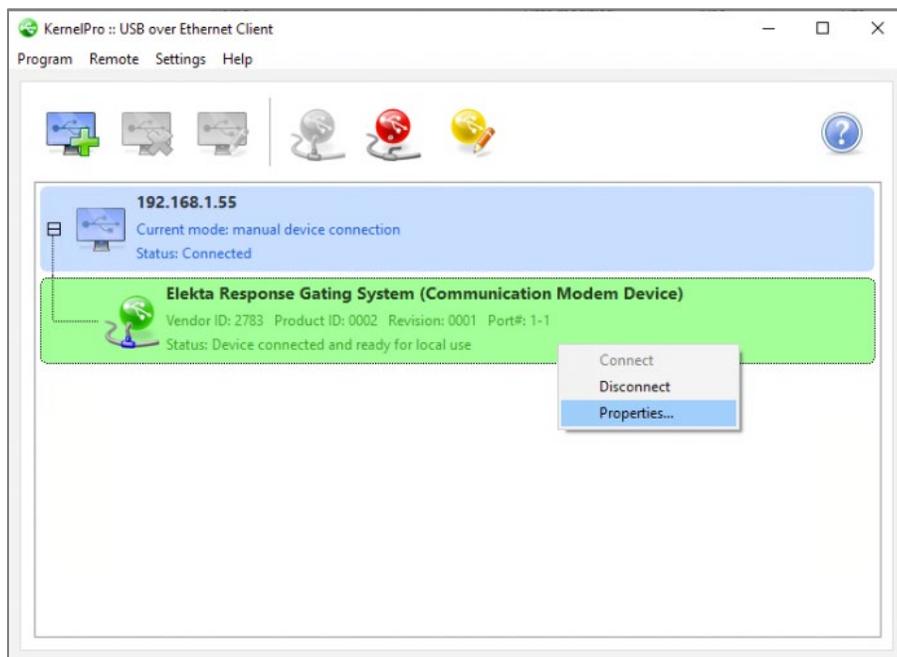


- If you configured your Client Device Proceed go to the next steps. If not jump back to the following section “**Installing USB over Ethernet on the Client Side**” to install the Host software on the client side

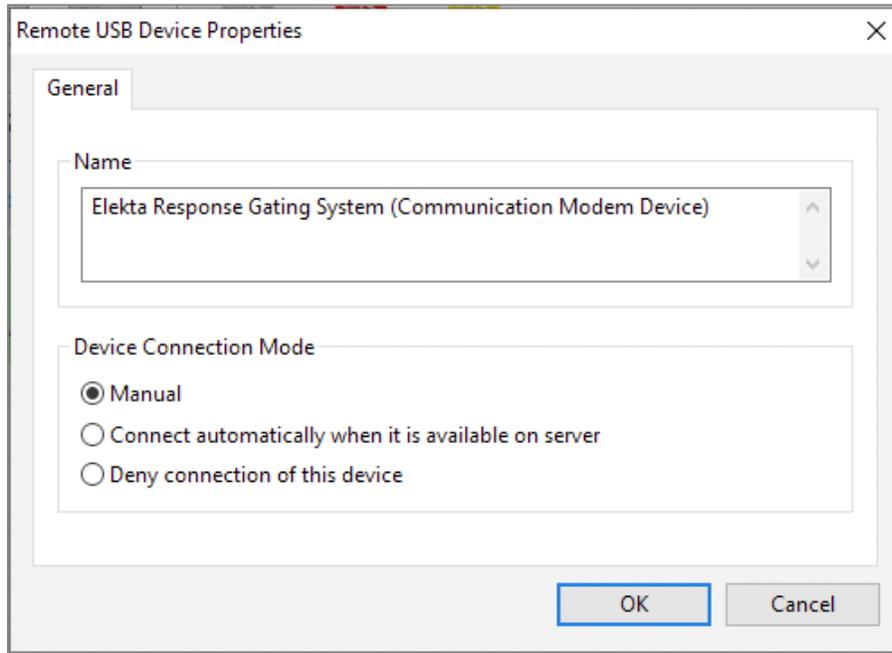
Step 8



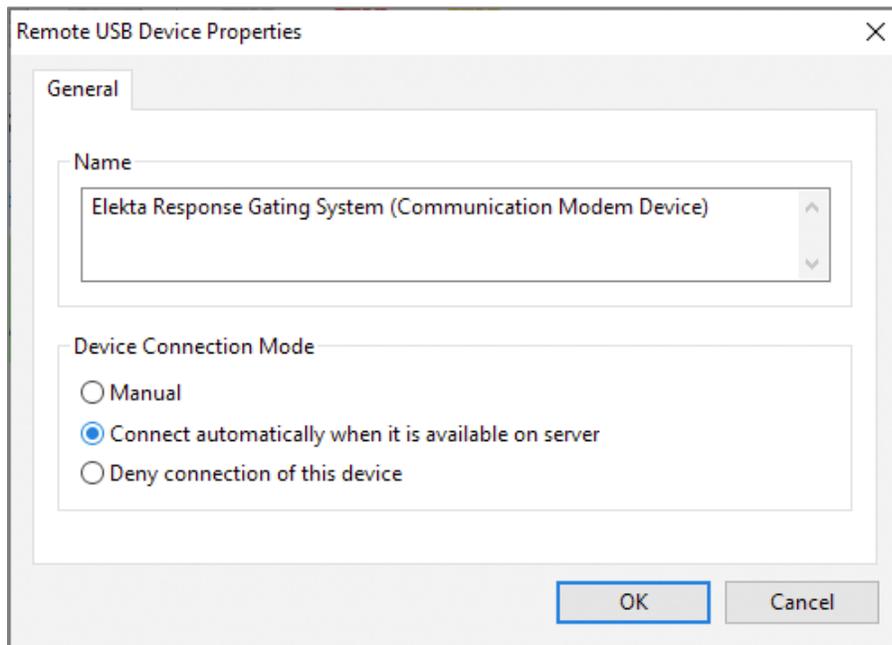
- Right click on “Elekta Response Gating System (Communication modem device)”
- Select “Connect”. You may need to reconnect when you sign into ABC account for the first time of software being installed. After it will automatically reconnect.
- Once you see the device connected. Right click once more and select “Properties...”



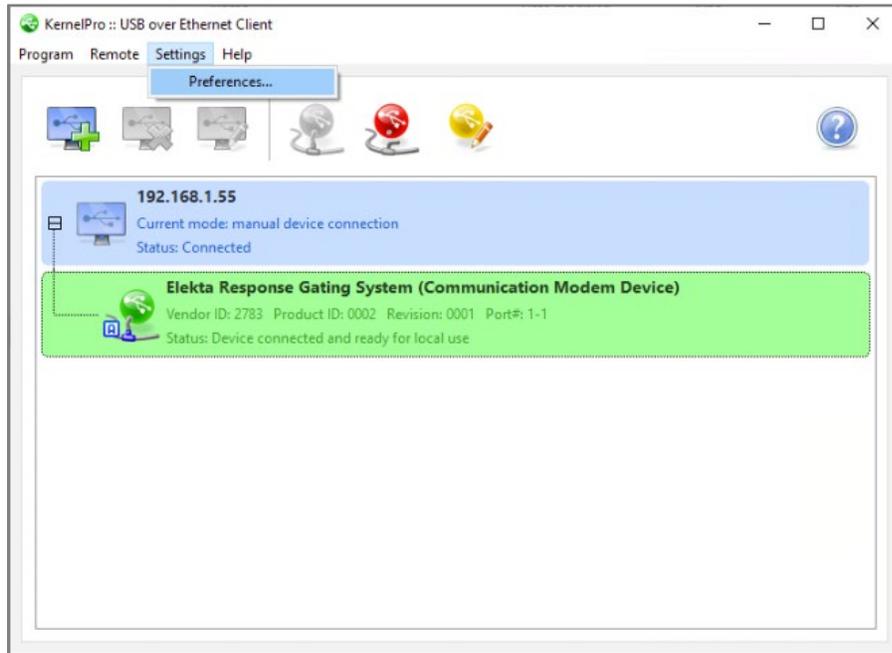
Step 9



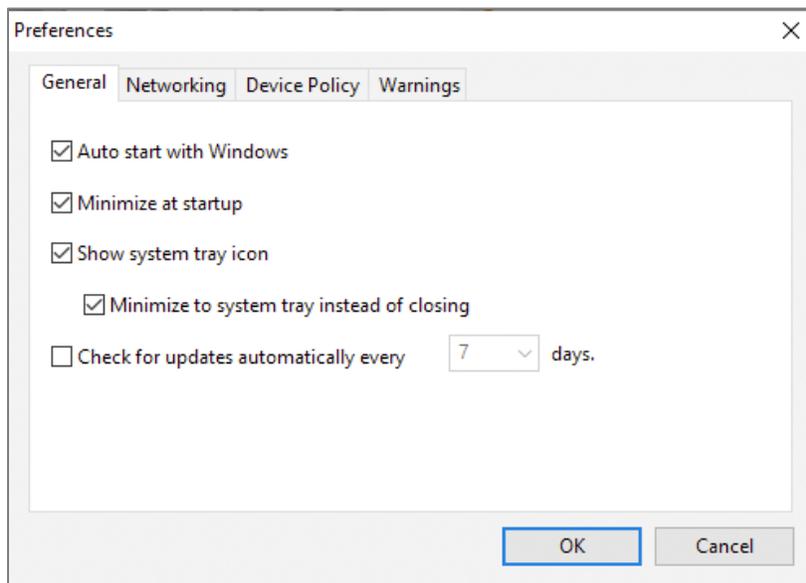
- Under Device Connection Mode, select “Connect automatically when it is available on server”
- Select “OK”



Step 10



- On the upper left click on “Settings” and select “Preferences...”
- Check the first 4 boxes and leave the last one unchecked.
- Please do the same when logged into the ABC account.
- Once completed, you can hit “OK” and close all the application.



- On the upper left click on “Settings” and select “Preferences...”
- Check the first 4 boxes and leave the last one unchecked.
- Once completed, you can close all the application.