



Windows 11 ABC Client Laptop Setup for Remote Shadow RDP

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Configuring the client laptop when it is switched on for the first time

Section 1 Configuring the client laptop when it is switched on for the first time

This is the procedure to configure the Active Breathing Coordinator™ laptop when it is switched on for the first time.

If it is necessary, you must configure the computer when it is switched on for the first time.



WARNING 1.1

Do not install software which is not approved by Elekta. The result can be system malfunctions. If you ignore this warning, you can cause clinical mistreatment.

1 Select the right Country or Region, click Yes.

Is this the right country or region?

United States

Afghanistan

Aland Islands

Albania

Algeria

American Samoa

Andorra

Angola

Yes

2 Select the right keyboard layout, click Yes.

Is this the right keyboard layout or input method?

If you also use another keyboard layout, you can add that next.

US

Canadian Multilingual Standard

English (India)

Irish

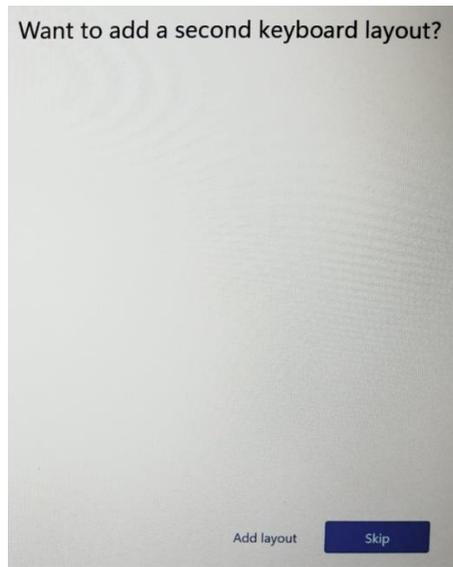
NZ Aotearoa

Scottish Gaelic

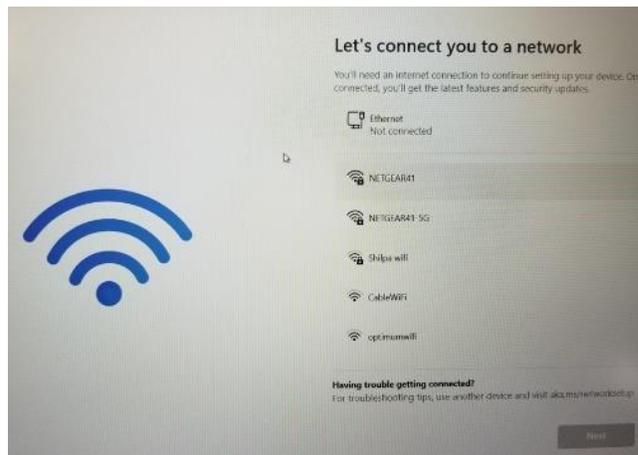
United Kingdom

Yes

3 Click **Skip** button for the “add a second keyboard layout”.

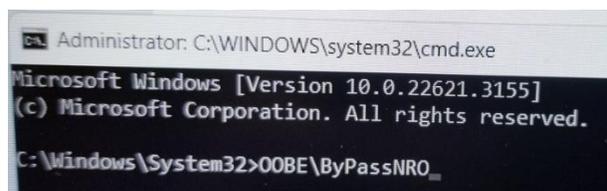


4 Do not connect to a network at this time. We will use the command prompt (CMD) to bypass the Microsoft account. The **Next** button should be grayed out.

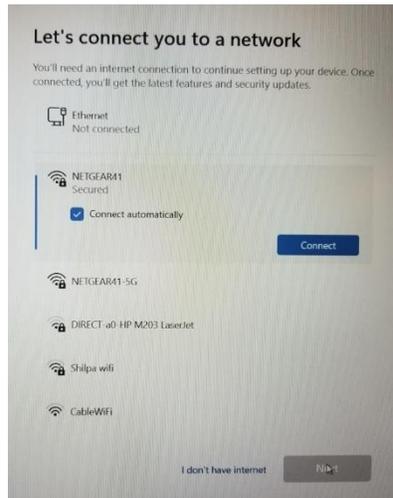


5 Using keyboard, hold down **Shift** key and press **F10**". If the command prompt does not come up, try again by holding down both **Shift** and **fn** keys and press **F10**.

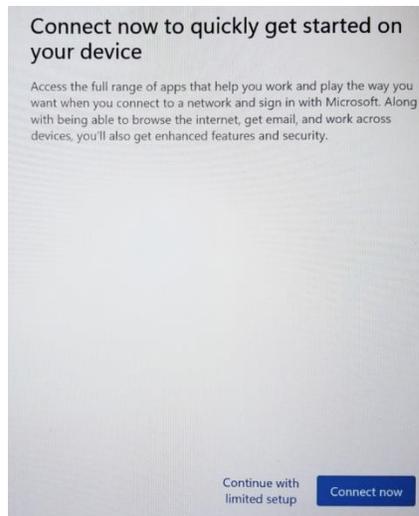
6 This will bring up the CMD. Type the following “**OOBE\ByPassNRO**” and press enter. This will reboot the PC. Repeat steps 1,2 and 3.



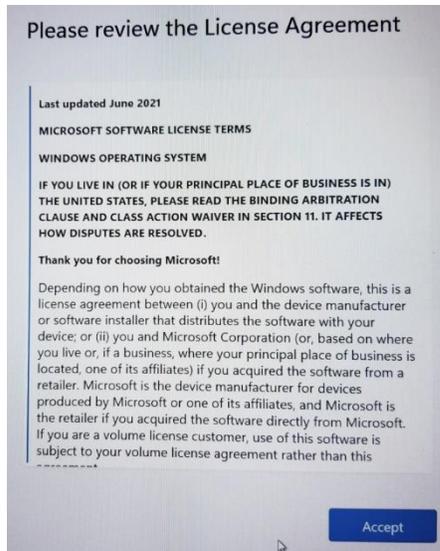
7 The network connection is brought out again. Click on **I don't have internet**.



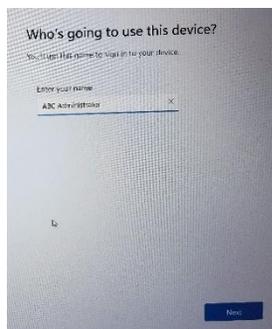
8 Select **“Continue with limited setup”**.



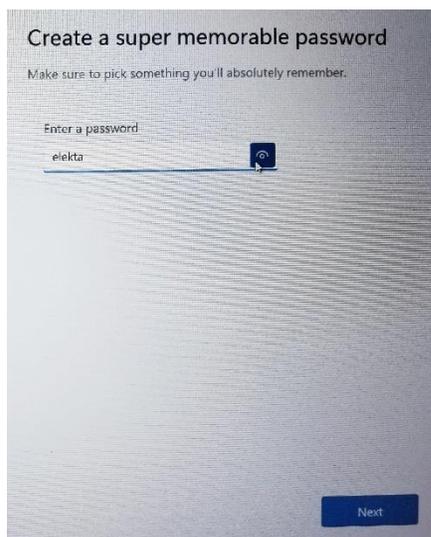
9 Click **Accept** button for the **License Agreement**.



10 Type a user name **ABC administrator** on the “Enter your name” text box. Click **Next** button.

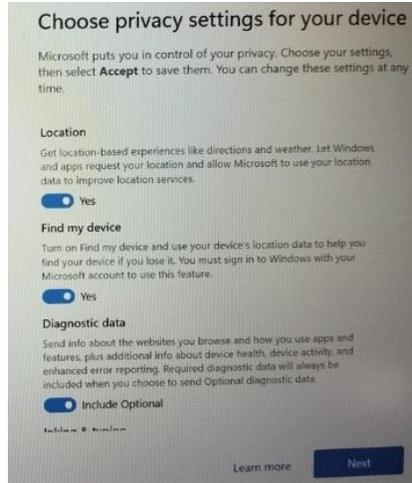


11 Type **elekta** as the password. Click **Next** button. Retype the password one more time to confirm then click **Next** button.



12 Chose any 3 security question, answer “**blank**” for all 3 questions. Click **Next** button

13 Leave all settings as is on “**Choose privacy settings for your device**” and click **Next** button twice, then click **Accept** button



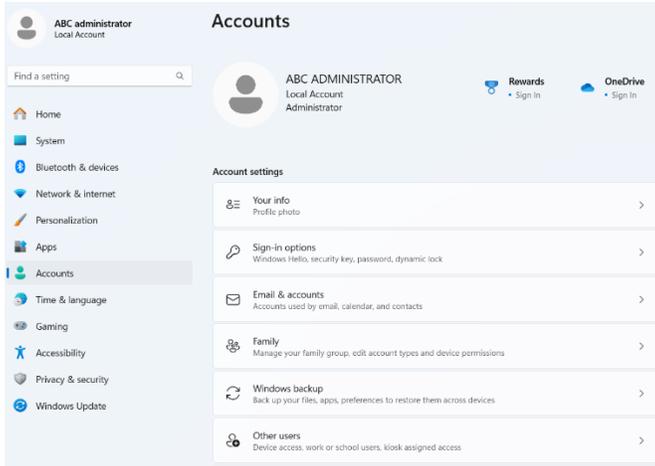
Section 2 Configuring the user account

This is the procedure to configure the user account on the Active Breathing Coordinator™ laptop.

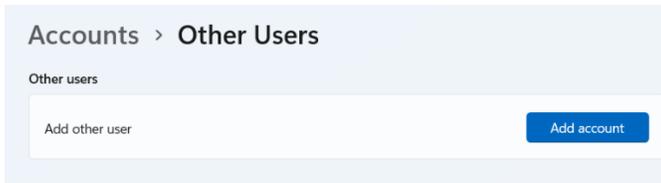
- 1 The laptop will be configured with two accounts, the ABC administrator and ABC user accounts (see [Table 1.1](#)).

User name	Type	Password
ABC administrator	Administrator	elekta
ABC	Standard user	abc

- 2 Press the **Windows** key on the keyboard.
- 3 Open **Settings**, click **Accounts**, and select **Other Users**.



4 Select Add account.



5 In the “Who’s going to use this PC” text box, type ABC.

6 Type abc in the password text boxes.

Create a user for this PC

If this account is for a child or teenager, consider selecting **Back** and creating a Microsoft account. When younger family members log in with a Microsoft account, they'll have privacy protections focused on their age.

If you want to use a password, choose something that will be easy for you to remember but hard for others to guess.

Who's going to use this PC?

Make it secure.

In case you forget your password

Next

7 In the section “In case you forgot your password”, select any three questions, the answers “abc”.

Microsoft account

ABC

Make it secure.

•••

•••

In case you forget your password

What was your first pet's name? ▾

abc

What's the name of the city where you were born? ▾

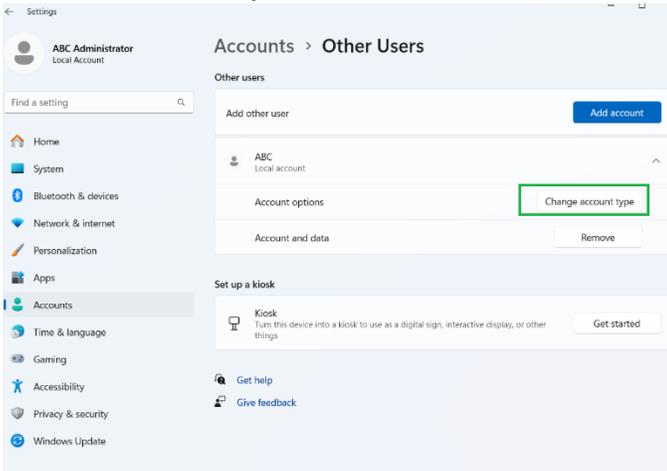
abc

What was your childhood nickname? ▾

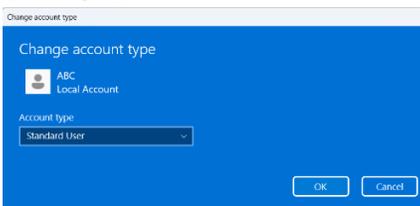
abc

Next

8 Click **Next**, and verify the ABC user is a Standard User by clicking **Change account type**.



9 Click **OK**.

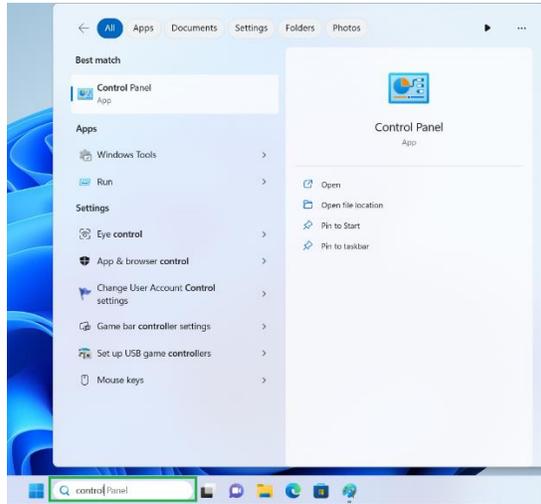


10 There should be two users – ABC administrator and ABC.

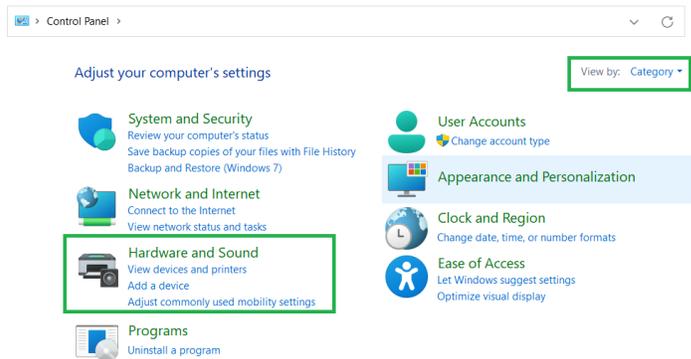
Section 3 Configuring the computer power settings

This is the procedure to configure the power settings on the Active Breathing Coordinator™ laptop. The laptop power settings must be correctly configured.

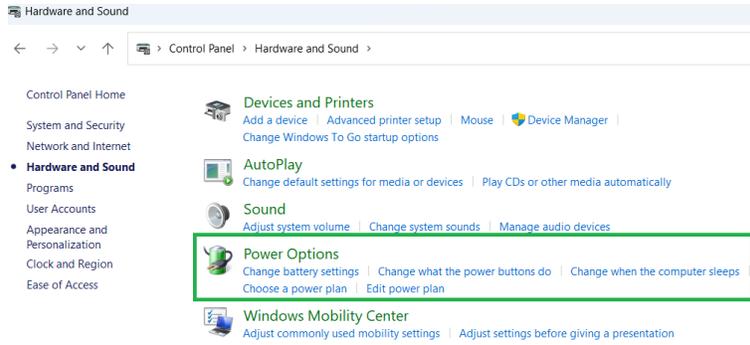
- 1 Log in as the **ABC administrator**.
- 2 Open the **Control Panel** by typing **control panel** on the taskbar text box.



- 3 Make sure that **View By** is set to **Category**. Select **Hardware and Sound**.



- 4 Select **Power Options**.



5 Click **Change plan settings**.

Choose or customize a power plan

A power plan is a collection of hardware and system settings (like display brightness, sleep, etc.) that manages how your computer uses power. [Tell me more about power plans](#)

Selected plan

Balanced

[Change plan settings](#)

Automatically balances performance with energy consumption on capable hardware.

6 Set **Turn off the Display** and **Put the computer to sleep** to **Never** both under **“On battery”** and **“Plugged in”**. Use pull down to select **Never**.

Change settings for the plan: **Balanced**

Choose the sleep and display settings that you want your computer to use.

On battery Plugged in

Turn off the display:	Never	Never
Put the computer to sleep:	Never	Never

[Change advanced power settings](#)

[Restore default settings for this plan](#)

Save changes

Cancel

7 Click **Change advanced power settings**.

Change settings for the plan: **Balanced**

Choose the sleep and display settings that you want your computer to use.

On battery Plugged in

Turn off the display:	Never	Never
Put the computer to sleep:	Never	Never

[Change advanced power settings](#)

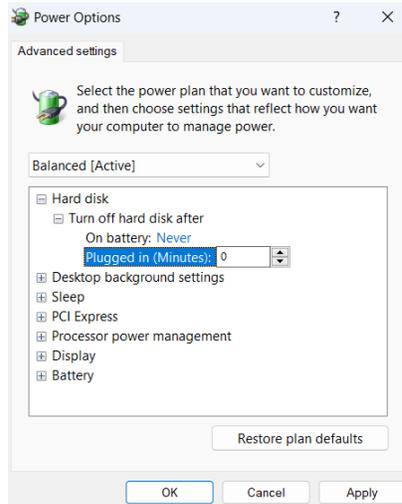
[Restore default settings for this plan](#)

Save changes

Cancel

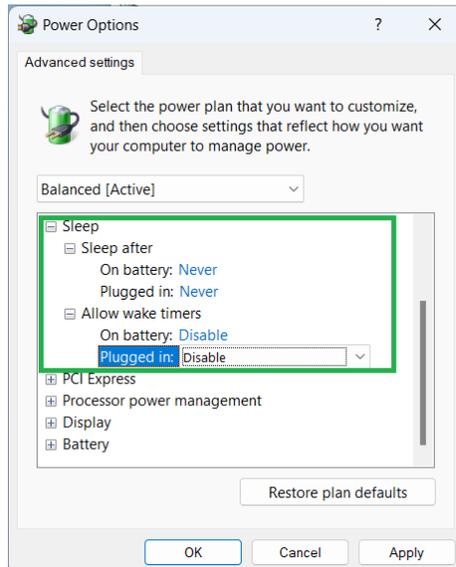
8 In the pane of the **Power Options** window, select **Hard disk > Turn off hard disk after**.

9 Set the **On battery** and **Plugged in (Minutes)** both to **Never**. Enter “0” in the text box to set to **Never**.



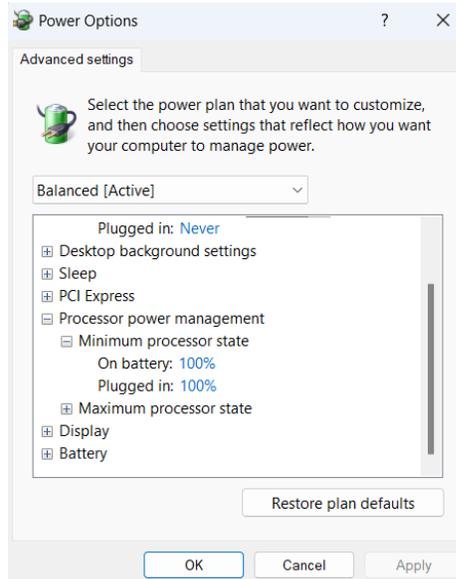
10 In the bottom pane of the **Power Options** window, select **Sleep > Sleep after**. Set the **On battery** and **Plugged in (Minutes)** both to **Never**.

11 In the bottom pane of the **Power Options** window, select **Sleep > Allow wake timers**. Set the **On battery** and **Plugged in (Minutes)** both to **Disable**.



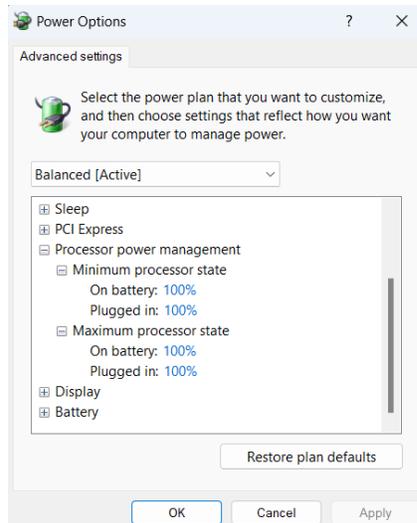
12 In the bottom pane of the **Power Options** window, select **Processor power management > Minimum processor state**.

13 Set the On battery and Plugged in (Minutes) both to 100%.



14 In the bottom pane of the Power Options window, select Processor power management > Maximum processor state.

15 Set the On battery and Plugged in (Minutes) both to 100%.



16 Click OK.

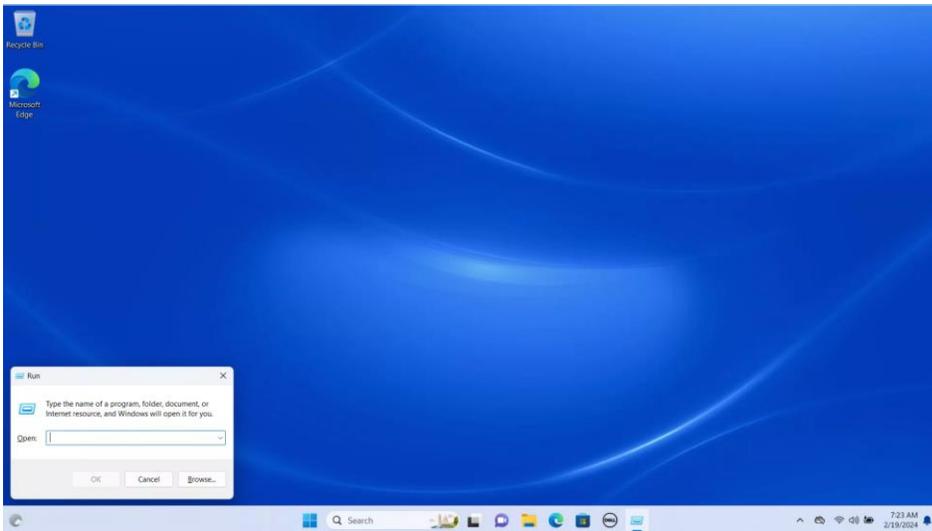
The system makes the changes.

Client (Laptop) configurations

Section 1 Client IP Configurations

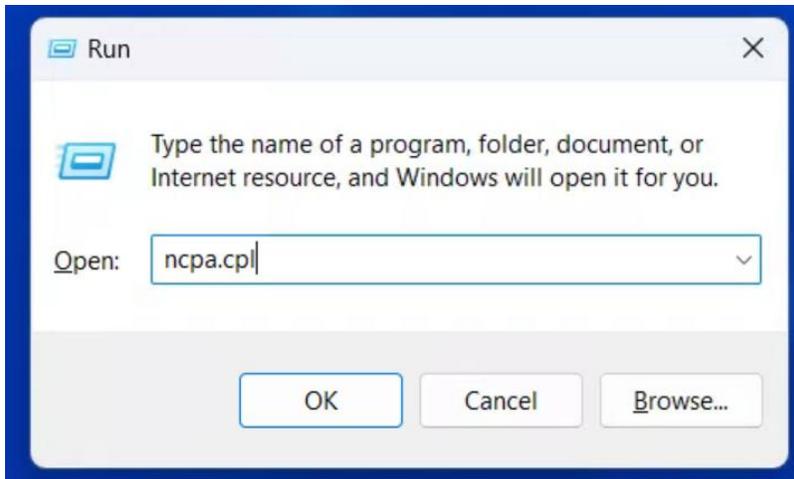
Step 1.

- Log in as the **ABC Administrator** user.
- While at the desktop, hold down **Windows** key, press the “R” on the keyboard. A **Run** dialog box opens.



Step 2.

- Type the following “**ncpa.cpl**” and press **Enter** on the keyboard or select “**OK**”.



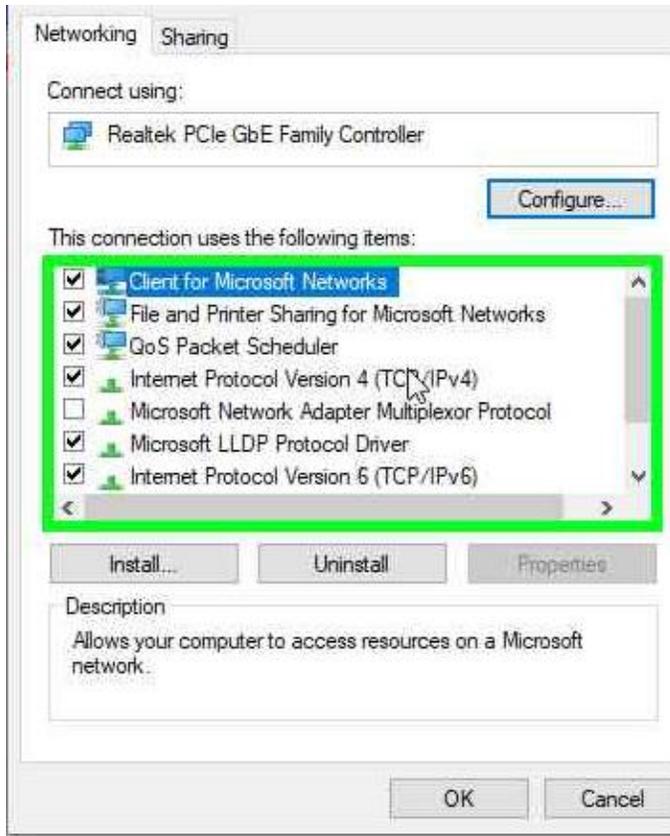
Step 3.

- Double left click “**Ethernet**” and select “**Properties**”.



Step 4.

- Select and double left click “**Internet Protocol Version 4 (TCP/IPv4)**”.



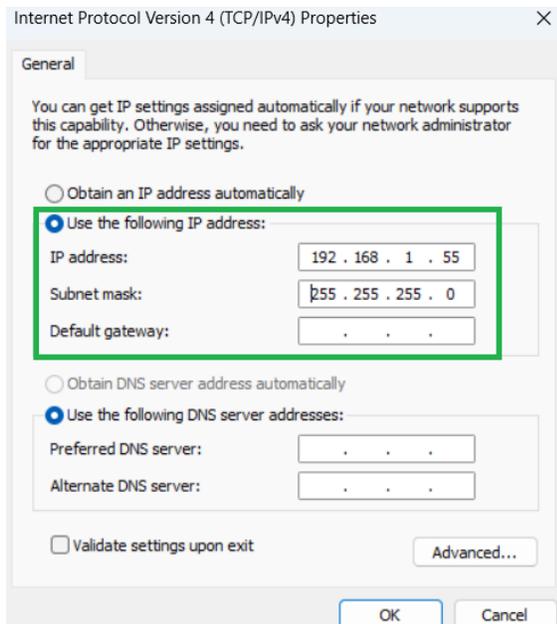
Step 5.

- Switch Radio Button to “Use the following IP address”.



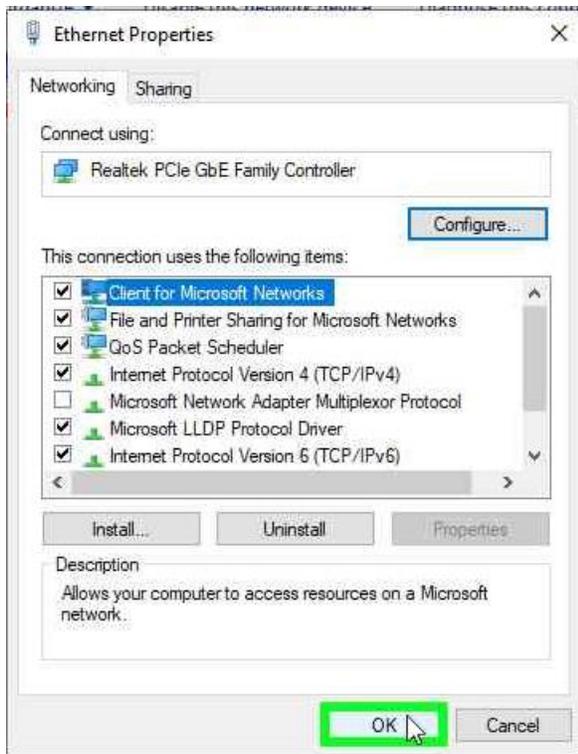
Step 6.

- Fill in the IP Address: “**192.168.1.55**” Subnet Mask:**255.255.255.0**
- Click **Ok**



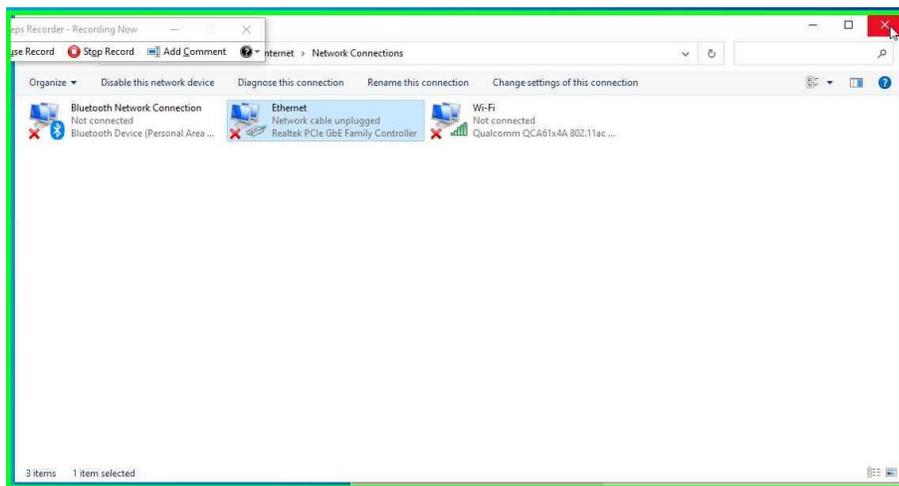
Step 7.

- Click “**OK**” to close.



Step 8.

- Close the window by hitting the X on the upper right.

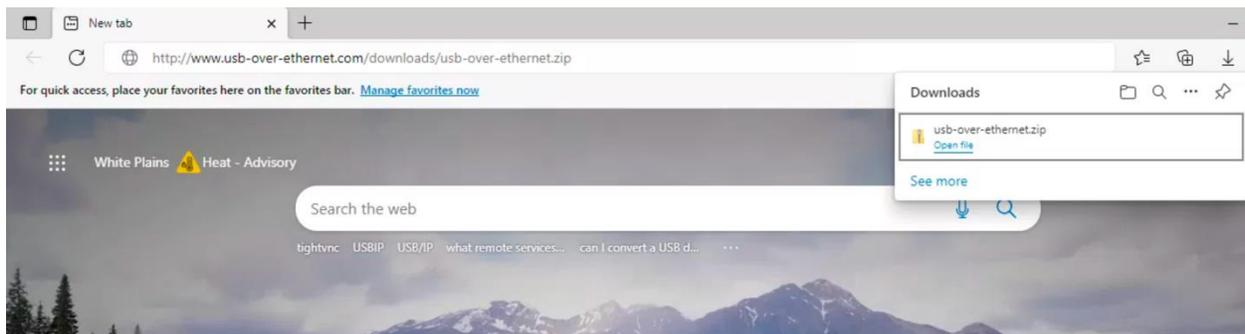
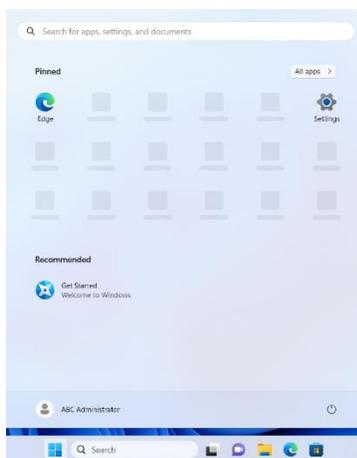


Section 2 Setting up Client Shadow RDP Configuration Installing USB over Ethernet on the Client side

Prepare the following:

- Access to the internet.
- Connect Gating kit to the laptop via a USB cable.
- License key for the USB Over Ethernet.

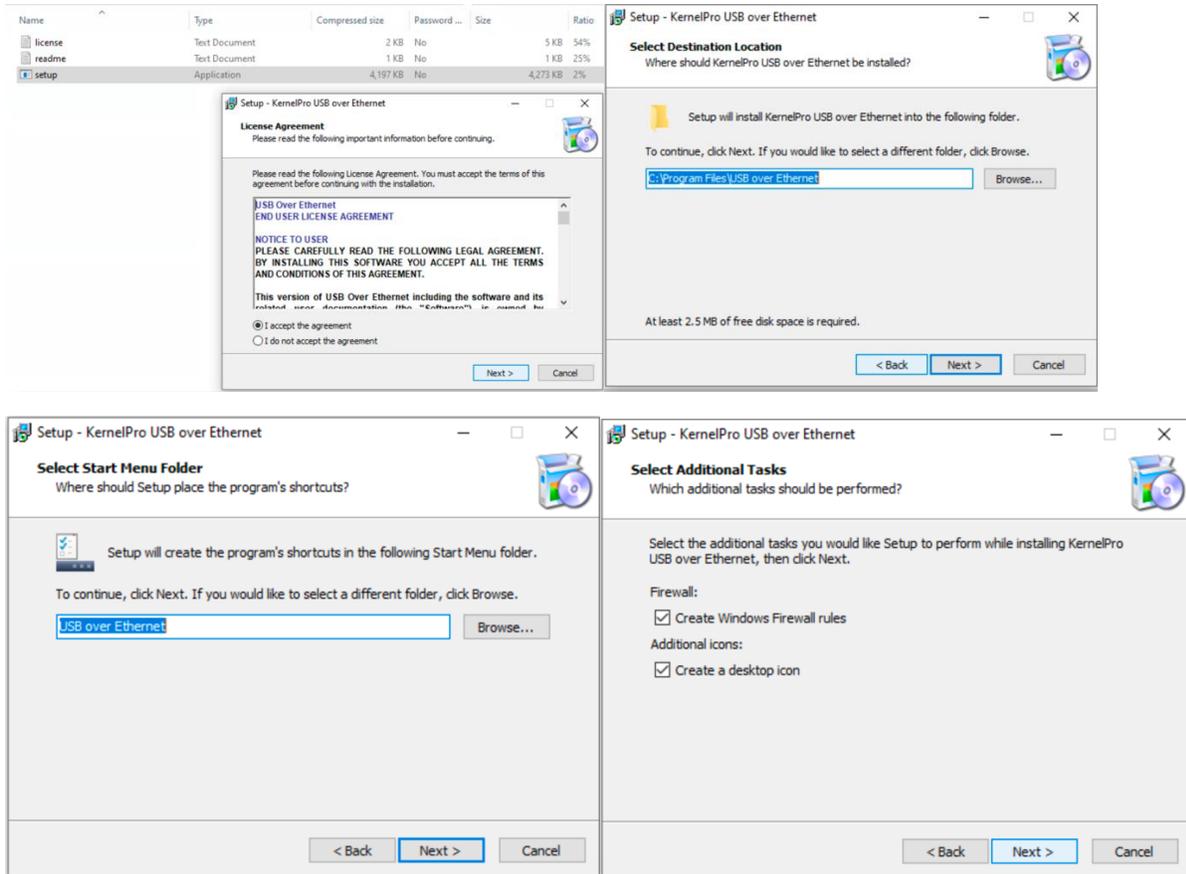
Step 1.

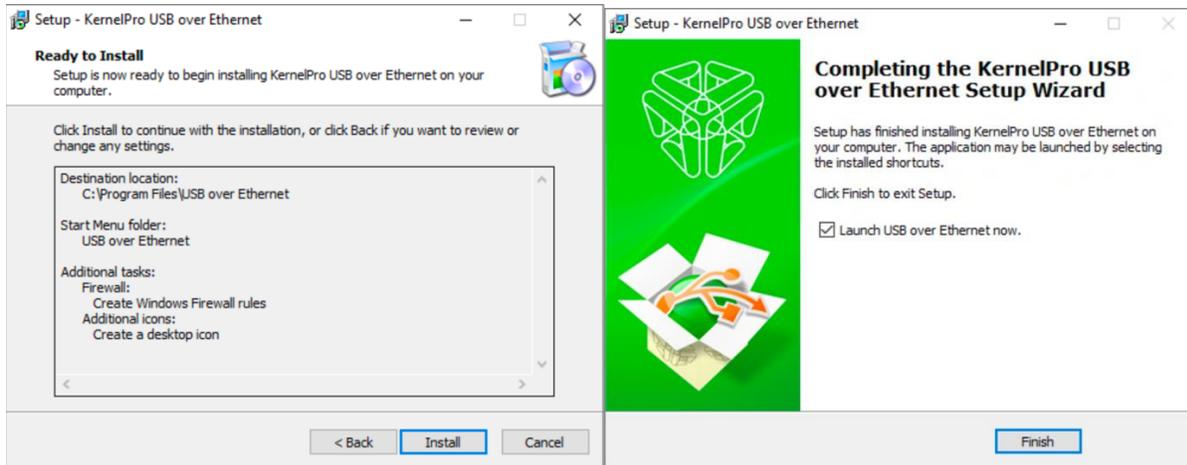


- Log in as the **ABC Administrator**.
- Press the **Windows** Key and select "**Edge**" on the Pinned list.
- Double click the **Edge** icon.
- If prompted by "**Welcome to Microsoft Edge**", select **Start without your data**, click **Confirm and continue**, click **Continue without this data** and then click **Confirm and start browsing**.
- 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.

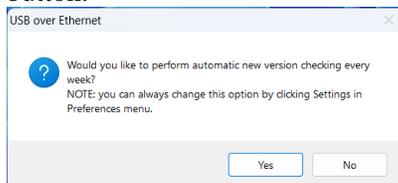
- Select **“Open file”** once its downloaded.

Step 2.

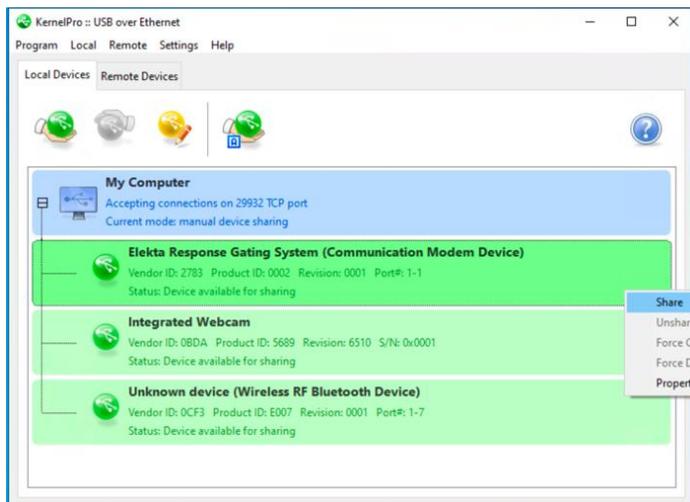




- Once open, double click “**Setup**”
- Follow the prompts to install the software.
- Select “**I accept the agreement**”
- Then click “**Next**” while leaving the settings to default.
- Until you get to “**Finished**”.
- If asked “**Would like to perform automatic new version checking every week?**”, click **No** button.

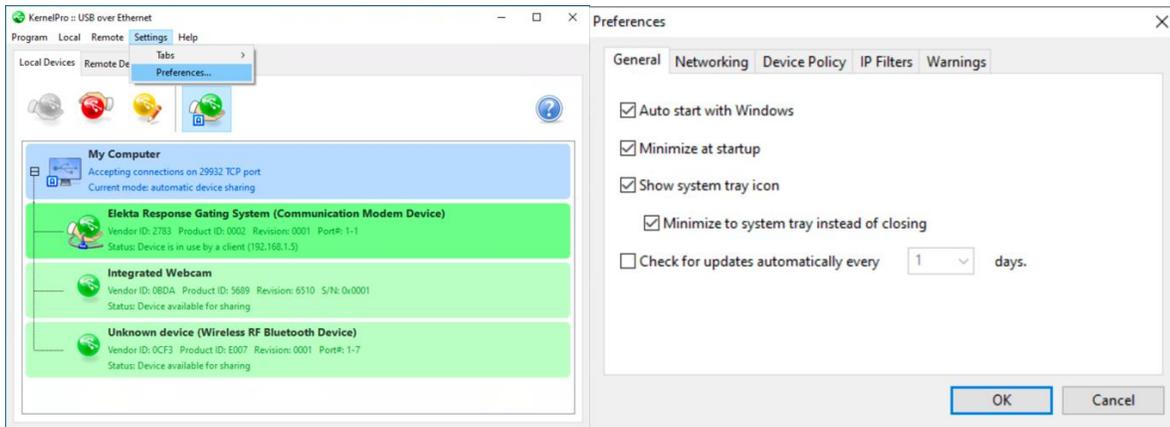


Step 3.



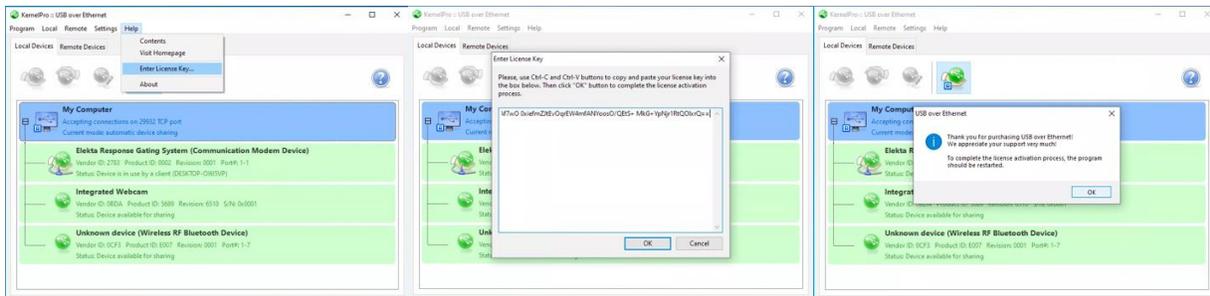
- Once the application starts.
- Locate the **“Elekta Response Gating System (Communication Modem Device)”**
- Please make sure the Gating kit is connected to the Client’s Laptop.
- Right click Elekta Response Gating System and Select **“Share”**

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.

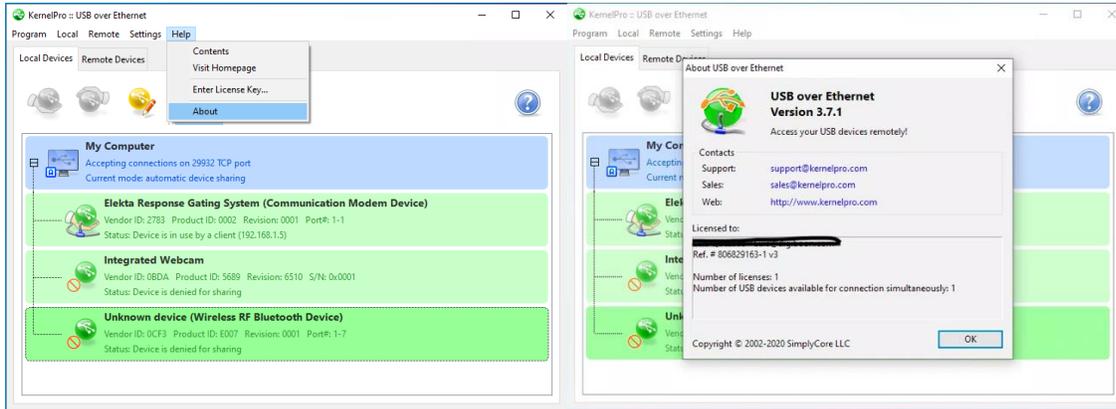
Step 5.



- With the application still open.
- Click on **“Help”** and select **“Enter License Key...”**
- This will open a window that will allow you to copy and paste the Product key or manually type it in.
- Once entered you can Select **“OK”**.
- If done correctly you will get a Prompt asking to restart the application.

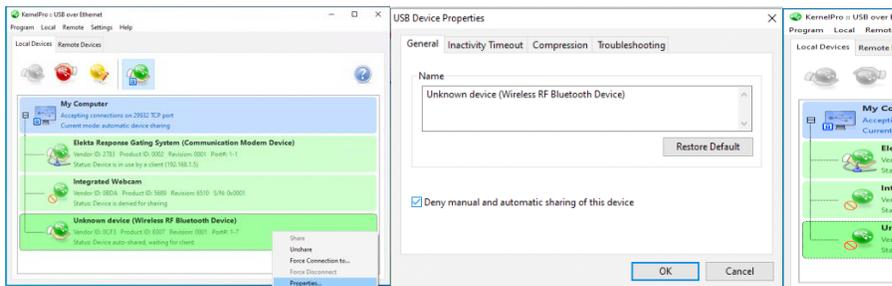
- We recommend doing a restart on the device and log into the **ABC** user account.

Step 6.



- Bring up the application once more by typing **USB over ethernet** on the taskbar text box.
- Select **Open**.
- This is a check to make sure the license key is activated if logged into another account.
- Navigate to **“Help”** on the top and select **“About”**
- Repeat step four if settings didn't transfer over.
- Close out by clicking **“OK”**

Step 7.



- Lastly 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.

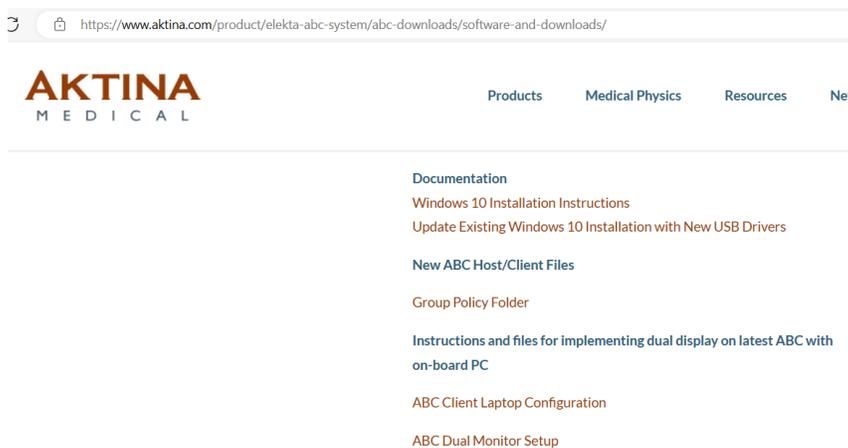
Setting up the New RDP Icon on the Client PC

Step 1

- Log into the ABC on Client Laptop.
- Username: ABC
- Password: abc

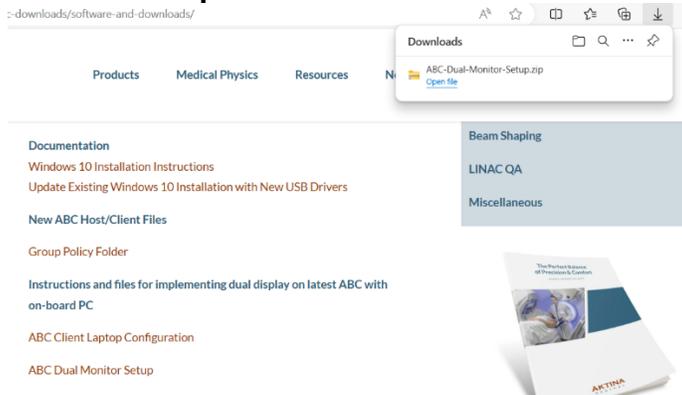
Step 2

- Open Microsoft Edge.
- Go to <https://www.aktina.com/product/elekta-abc-system/abc-downloads/software-and-downloads/>
- Scroll down the page and find **ABC Dual Monitor Setup**

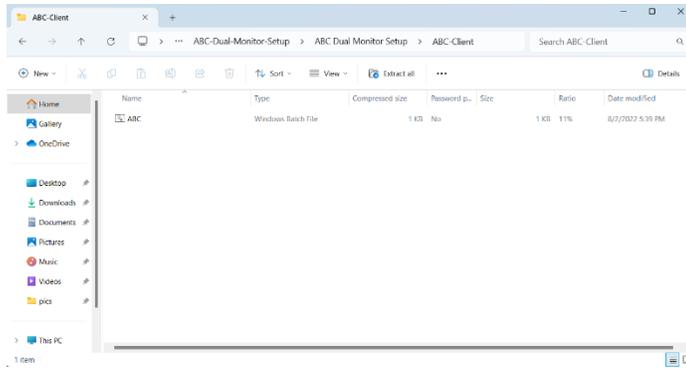


Step 3

- Double click **ABC Dual Monitor Setup**, this will download the file.
- Click on the **Open file**



- The windows folder shows up. Navigate to ABC-Dual-Monitor-Setup>ABC Dual Monitor Setup>ABC-Client

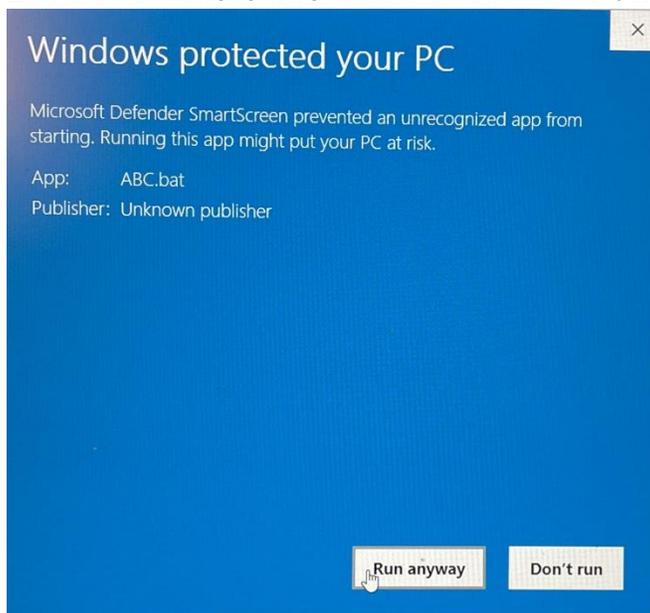


- Copy and paste the ABC.bat file to the desktop

Note: There will be two directories in the zip file: “ABC-host” and “ABC-client”.
 The “host” is the computer within the ABC cart (**Not Needed for Laptop configuration**)
 The “client” is the laptop computer that is connected to the host via Remote Desktop.

Step.4

- Double Clicking on the ABC.bat file for the first time.
- You’ll be prompted with ”Windows Protect your PC”.
- Left click on “**More Info**” and then click on “**Run anyway**”.

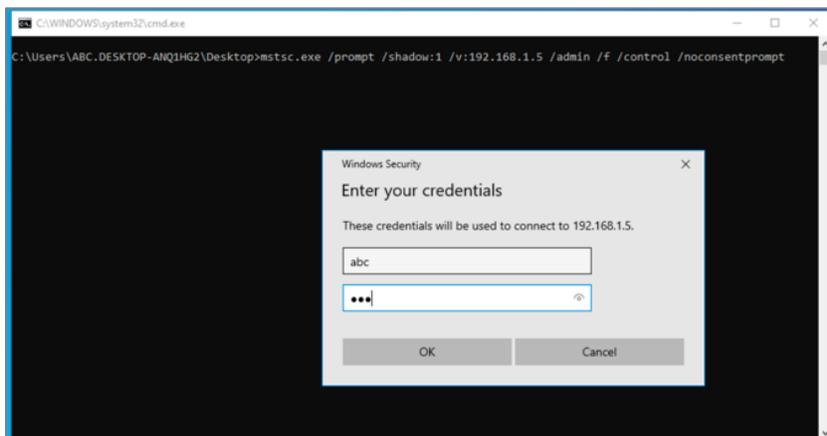


Testing Shadow RDP

Step 1

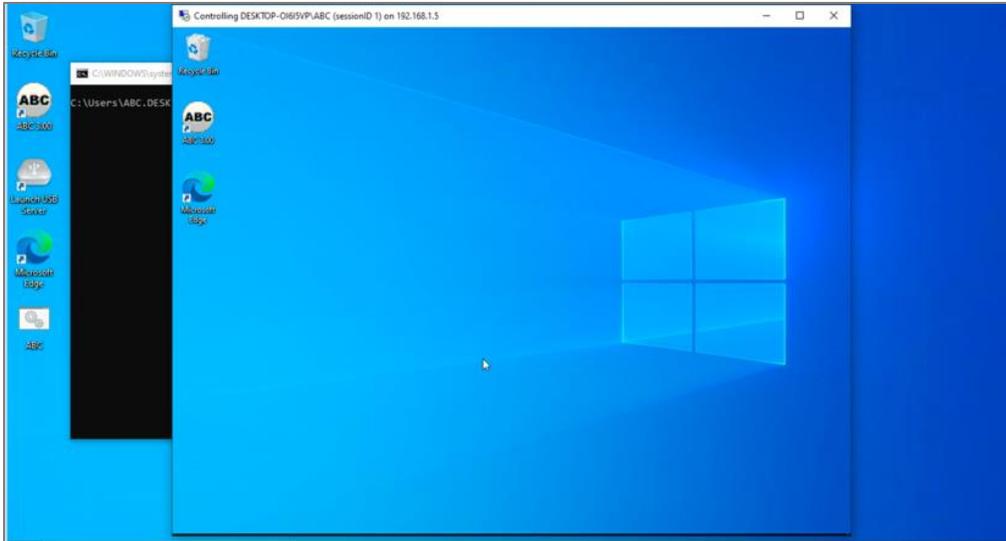
- Connect laptop to ABC Host (ABC Cart) via ethernet cable.
- Turn on ABC Host machine and log on as **ABC administrator**, password **elekta**
- Double click on “**Init**” icon desktop to reboot system.
- After reboot, log on to the ABC Host machine as **abc**, password **abc**

Step 2



- Log on to laptop user as **ABC**, password, **abc**.
- On the desktop, locate the **ABC** icon and double click.
- Type **abc** on the top box (username) and type **abc** as the password and click “**OK**” or press **enter** on the keyboard.

Step 3



- You're now able to control ABC Host while still allowing video output on the monitor
- If you get an error because of the session ID or shadow ID. Reboot the ABC Host and log in as ABC, password abc using the Restart shortcut that was made on ABC profile desktop

Testing Client Connection with Gating Kit

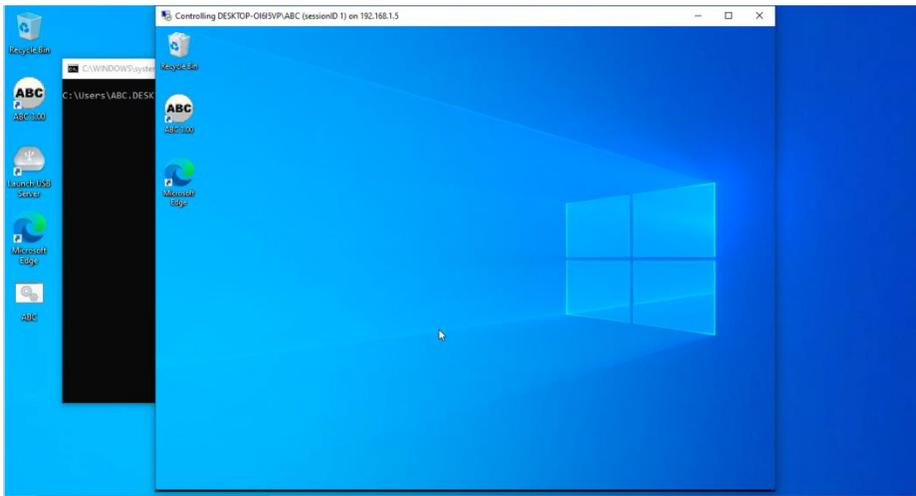
Verifying Shadow RDP connection.

Notes:

1. Make sure Gating Kit is connected to the laptop and turned on.
2. Ensure laptop is connected to ABC Host via ethernet cable.

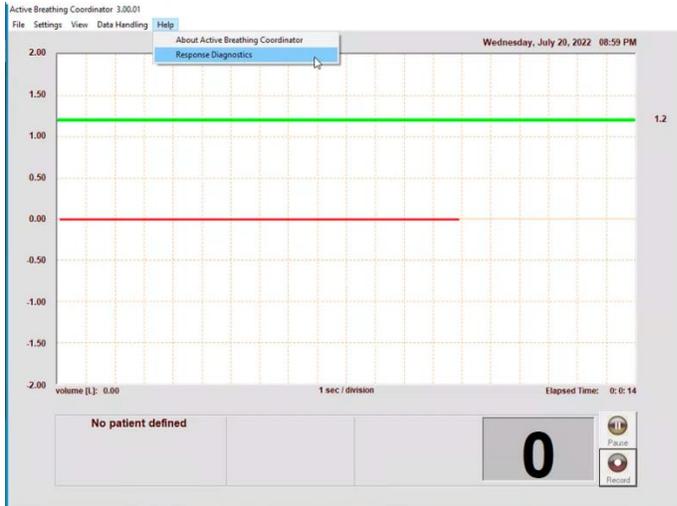
Step 1

- Double click ABC.bat (ABC icon) on the laptop to start connection to ABC Host



Step 2

- Open ABC 3.0 on host machine
- Skip creating new or loading existing patient.
- Navigate to Help – Response Diagnostics



Verify you see the following:



- Communication Link UP
- Enabled (Note: if not enabled, make sure Gating Kit is on and connected to the laptop)
- Relay Link Up
- Open