

Addendum to Active
Breathing Coordinator
R3.0 Installation and
Service

Installation Instructions for Windows 10

A1 Laptop software installation for Windows 10

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A1.1 Description of the laptop software installation procedures

This is a description of the laptop software installation procedure, which Elekta does for new equipment.

Before the system is accepted, the local Elekta business unit configures the laptop and installs the control software. The installation and configuration procedures must be completed in the sequence specified. To do a check that the laptop configuration is correct, follow the applicable procedures.



WARNING 5.1

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.

A1.2 Configuring the 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 laptop when it is switched on for the first time.

- 1 Select the **Country/Region, language, keyboard layout and time zone, click Next.**
- 2 Accept the legal agreement.
- 3 Skip the network connection step, and click Use Express settings.
- 4 Type a user name which is not **ABC** or **ABC administrator**.
- 5 A password is not needed.
- 6 Click Not now for using Cortana.
- 7 Support and Protection can be left blank.
- 8 Open Settings from the Start button, select System and click About. Click Rename PC and type the computer name as **ABC-<serial number of the Active Breathing Coordinator™>**

A1.3 Configuring the user accounts

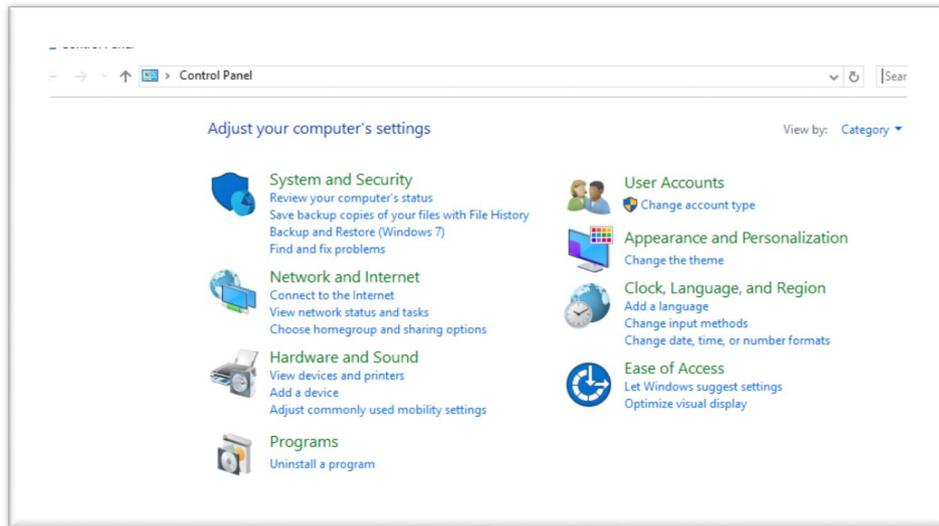
This is the procedure to configure the user accounts on the Active Breathing Coordinator™ laptop.

Configure an Administrator and a User account on the Active Breathing Coordinator™ laptop and disable all other user accounts.

- 1 Switch on the Active Breathing Coordinator™ laptop.
- 2 Log on as the administrator user.

Note: *Do not try to use the control software with a different operating system than Windows® 10 operating system.*

- 3 Make sure that there are no programs installed which were not supplied by Dell. If it is necessary, uninstall the third-party programs from within Control Panel -> Programs -> Programs and Features. Control Panel can be reached by Right-Click the Start button. You may have to restart the laptop after removing the programs.



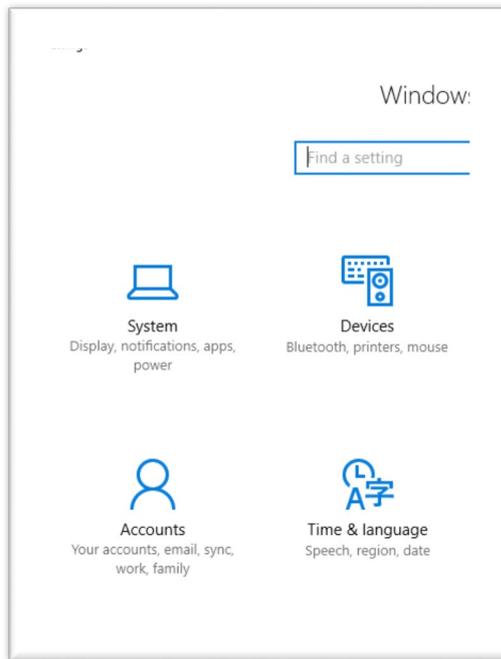
Note: This includes removing anti-malware software, the Dell Client System Update, and the full Dell Backup and Recovery Manager software. You can keep the supplied CD/DVD writer software.

- 4 Configure the laptop with the ABC administrator and ABC user accounts (see [Table 5.1](#)).

Table 5.1 Laptop user accounts

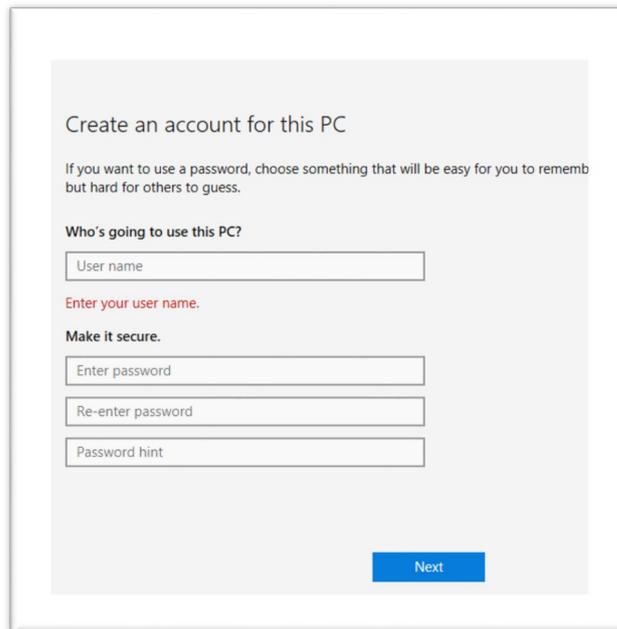
User name	Type	Password
ABC administrator	Administrator	elekta
ABC	Standard user	abc

- a Open Settings, click Accounts, and select Family & other people.



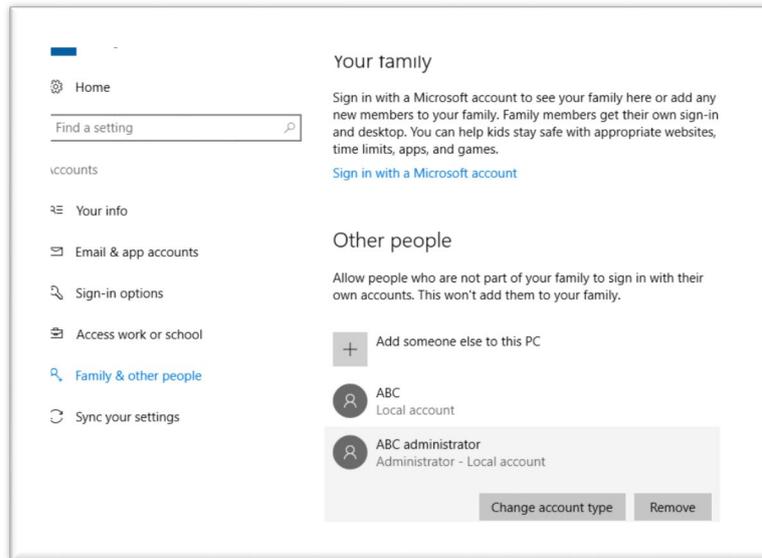
- b Select Add someone else to this PC. A dialog box will open.

- c In the user name text box, type **ABC**.

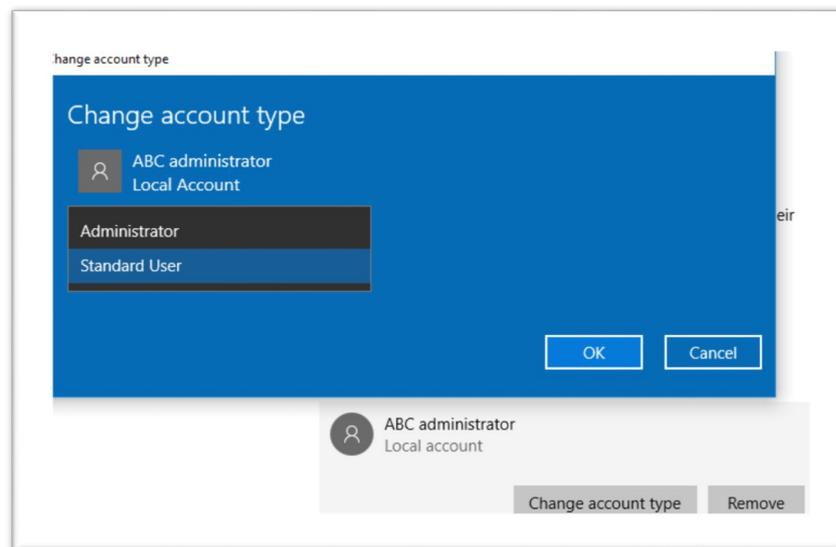


- d Type **abc** in the password text boxes. The hint can be a space.

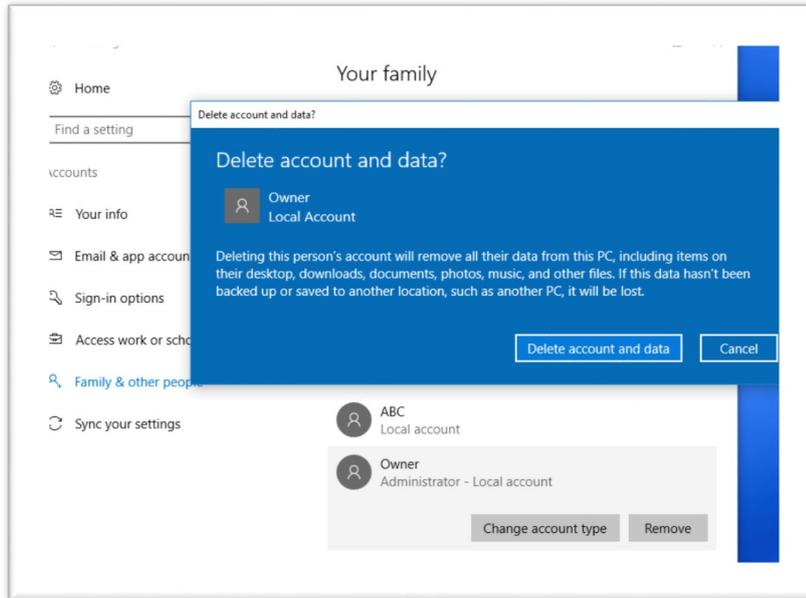
- e Click Next, and verify the user is a Standard user by clicking the name and selecting Change account type.



- f Select Add someone else to this PC. A dialog box will open.
- g In the text box, type **ABC administrator**.
- h Type **elekta** in the password text boxes. The hint can be a space.
- i Click Next, and verify the user is an Administrator by clicking the name and selecting Change account type. Select Administrator and click the Okay button.



- j Log off.
- k Log on to the **ABC administrator** user account.
- l Open Settings, click Accounts, and select Family & other people.
- m Delete all other accounts by clicking the account name and then click the Remove button. The only user accounts on the laptop must be **ABC** and **ABC administrator**.



A1.4 Configuring the laptop power settings

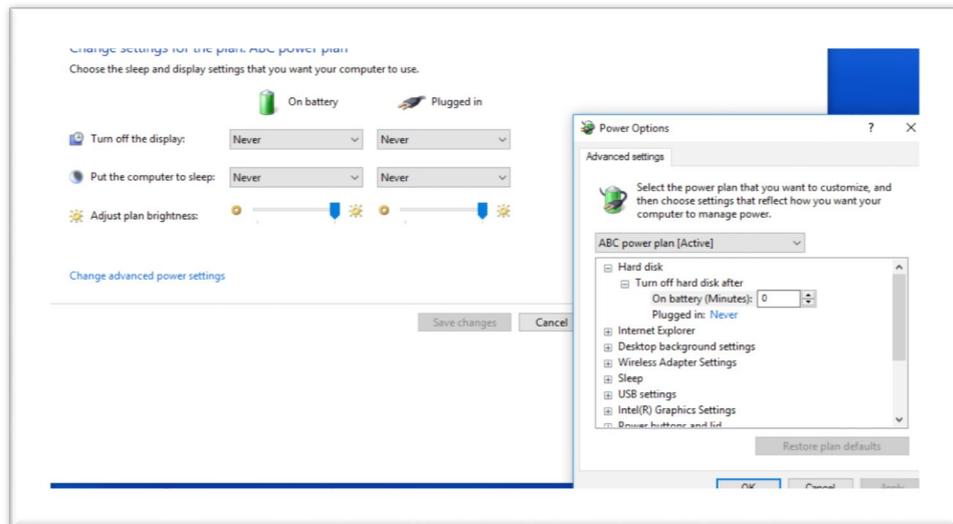
This is the procedure to configure the power settings on the Active Breathing Coordinator™ laptop. The laptop power settings must be correctly configured.

- 1 Log on as the **ABC administrator**.
- 2 Open the **Control Panel**.
- 3 Make sure that **View By** is set to **Category**.
- 4 Select **Hardware and Sound**.
- 5 Select **Power Options**.
- 6 In the left pane, select **Create a power plan**.
- 7 Select the **High performance** radio button.
- 8 In the text box below **Plan name**, type **ABC power plan**.
- 9 Click **Next**.

*Note: To select the **Never** option, you must delete what is currently in the text box or enter 0.*

- 10 Set both sleep modes to **Never**.
- 11 Click **Create**.
- 12 Select the **ABC power plan** radio button.
- 13 Click **Change plan settings**.
- 14 Click **Change advanced power settings**.

The **Power Options** window opens.



- 15 In the bottom pane of the **Power Options** window, select **Hard disk > Turn off hard disk after**.
- 16 In the drop-down list, select **On battery: Never**, and **Plugged in: Never**
- 17 In the bottom pane of the **Power Options** window, select **Sleep > Sleep after**.
- 18 In the drop-down list, select **On battery: Never**, and **Plugged in: Never**.
- 19 In the bottom pane of the **Power Options** window, select **Sleep > Allow hybrid sleep**.
- 20 In the drop-down list, select **On battery: Off**, and **Plugged in: Off**.
- 21 In the bottom pane of the **Power Options** window, select **Sleep > Hibernate after**.
- 22 In the drop-down list, select **On battery: Never**, and **Plugged in: Never**.
- 23 In the bottom pane of the **Power Options** window, select **Sleep > Allow wake timers**.
- 24 In the drop-down list, select **On battery: Disable**, and **Plugged in: Disable**.
- 25 In the bottom pane of the **Power Options** window, select **USB settings > USB selective suspend setting**.
- 26 In the drop-down list, select **On battery: Enabled**, and **Plugged in: Enabled**.
- 27 In the bottom pane of the **Power Options** window, select **Power buttons and lid > Lid close action**.
- 28 In the drop-down list, select **On battery: Do nothing**, and **Plugged in: Do nothing**.
- 29 In the bottom pane of the **Power Options** window, select **Power buttons and lid > Power button action**.
- 30 In the drop-down list, select **On battery: Shut down**, and **Plugged in: Shut down**.
- 31 In the bottom pane of the **Power Options** window, select **Processor power management > Minimum processor state**.
- 32 In the drop-down list, select **On battery: 100%**, and **Plugged in: 100%**.
- 33 In the bottom pane of the **Power Options** window, select **Processor power management > System cooling policy**.
- 34 In the drop-down list, select **On battery: Active**, and **Plugged in: Active**.
- 35 In the bottom pane of the **Power Options** window, select **Processor power management > Maximum processor state**.

- 36 In the drop-down list, select **On battery: 100%**, and **Plugged in: 100%**.
- 37 In the bottom pane of the **Power Options** window, select **Display > Dimmed display brightness**.
- 38 In the drop-down list, select **On battery: 100%**, and **Plugged in: 100%**.
- 39 In the bottom pane of the **Power Options** window, select **Display > Turn off display after**.
- 40 In the drop-down list, select **On battery: Never**, and **Plugged in: Never**.
- 41 In the bottom pane of the **Power Options** window, select **Display > Enable adaptive brightness**.
- 42 In the drop-down list, select **On battery: Off**, and **Plugged in: Off**.
- 43 In the bottom pane of the **Power Options** window, select **Battery > Critical battery action**.
- 44 In the drop-down list, select **On battery: Hibernate**, and **Plugged in: Do nothing**.
- 45 In the bottom pane of the **Power Options** window, select **Battery > Low battery level**.
- 46 In the drop-down list, select **On battery: 15%**, and **Plugged in: 15%**.
- 47 In the bottom pane of the **Power Options** window, select **Battery > Critical battery level**.
- 48 In the drop-down list, select **On battery: 5%**, and **Plugged in: 5%**.
- 49 In the bottom pane of the **Power Options** window, select **Battery > Low battery notification**.
- 50 In the drop-down list, select **On battery: On**, and **Plugged in: On**.
- 51 In the bottom pane of the **Power Options** window, select **Battery > Low battery action**.
- 52 In the drop-down list, select **On battery: Do nothing**, and **Plugged in: Do nothing**.
- 53 In the bottom pane of the **Power Options** window, select **Battery > Reserve battery level**.
- 54 In the drop-down list, select **On battery: 10%**, and **Plugged in: 10%**.
- 55 Click **OK**.

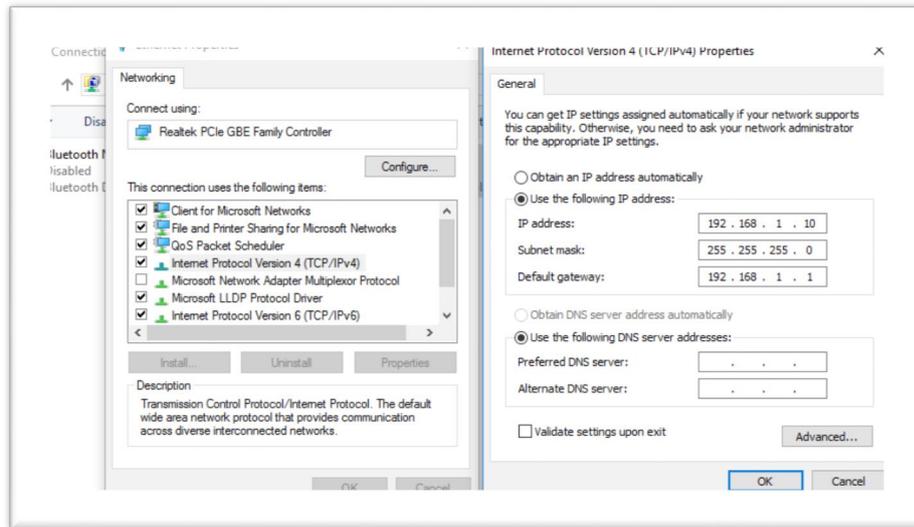
The system makes the changes.

A1.5 Configuring the laptop IP settings

This is the procedure to configure the IP settings on the Active Breathing Coordinator™ laptop. The configuration of the laptop IP settings must be correct.

- 1 Log on as the **ABC administrator**.
- 2 Open the **Control Panel**.
- 3 Make sure that **View By** is set to **Category**.
- 4 Select **Network and Internet**.
- 5 Select **Network and Sharing Center**.
- 6 In the left pane, select **Change adaptor settings**.
- 7 Right click **Ethernet**.
The **Ethernet Properties** window opens.
- 8 Select **Internet Protocol Version 4 (TCP/IPv4)**.
- 9 Click **Properties**.
- 10 Select the **Use the following IP address**: radio button.

- 11 In **IP address:** type **192 . 168 . 1 . 10.**
- 12 In **Subnet mask:** type **255 . 255 . 255 . 0**
- 13 In **Default Gateway:** type **192 . 168 . 1 . 1**



- 14 Click **OK**.
- 15 Click **Close**.
- 16 Right-click **Wireless Network Connection**.
- 17 Select **Disable**
- 18 Right click Bluetooth Network Connection.
- 19 Select Disable.



WARNING 5.2

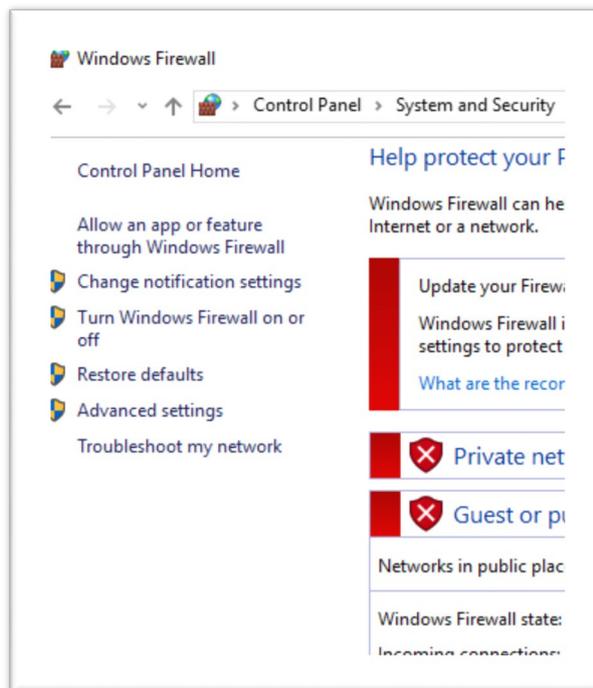
Do not continue unless the Wi-Fi adapter is disabled. The system has no anti-malware software. If you ignore this warning, you can cause clinical mistreatment.

A1.6 Configuring the Windows® firewall settings

This is the procedure to configure the Windows® firewall settings on the Active Breathing Coordinator™ laptop.

The configuration of the Windows® firewall settings on the laptop must be correct.

- 1 Log on as the **ABC administrator**.
- 2 Open the **Control Panel**.
- 3 Make sure that **View By** is set to **Category**.
- 4 Select **System and Security**.
- 5 Select **Windows Firewall**.
- 6 In the left pane, select **Turn Windows Firewall on or off**.



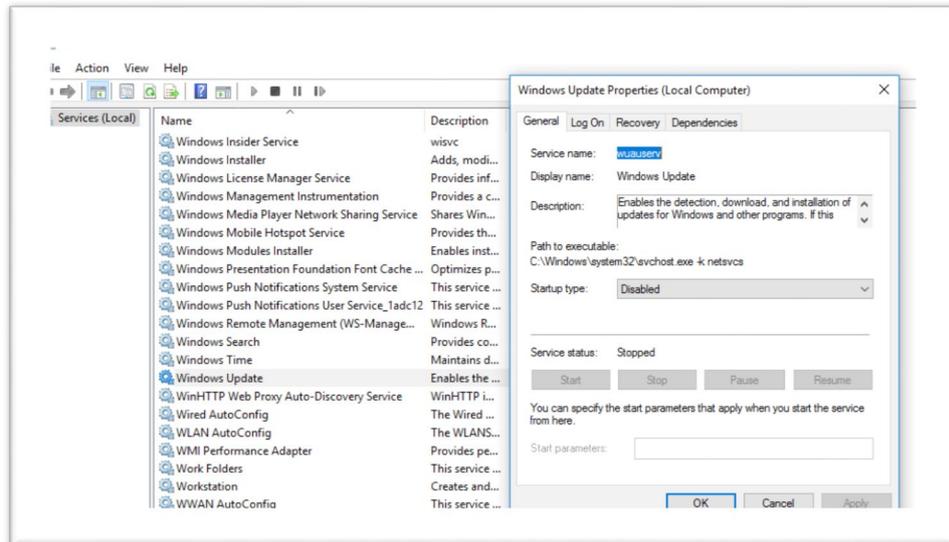
- 7 Make sure that the **Turn off Windows Firewall (not recommended)** radio button is selected for the:
 - **Home or work (private) network location settings**
 - **Public network location settings.**
- 8 Click **OK**.

A1.7 Disabling the Windows® updates

This is the procedure to disable the automatic Windows® updates on the Active Breathing Coordinator™ laptop.

The automatic Windows® updates must be disabled.

- 1 Log on as the **ABC administrator**.
- 2 Click the Start button, and type `services.msc` and press Enter.
- 3 From the Services list which appears find the Windows Update service, right click, select Properties.
- 4 In Service status, stop the service.
- 5 In Startup type select Disabled.



- 6 Click **OK**.
The Windows® updates are disabled.

A1.8 Configuring the Windows® taskbar for the ABC administrator

This is the procedure to configure the Windows® taskbar for the ABC administrator on the Active Breathing Coordinator™ laptop.

The configuration of the Windows® taskbar on the laptop must be correct.

- 1 Log on as the **ABC administrator**.
- 2 Put the pointer on the primary taskbar.
- 3 Right-click and select **Settings**.
The **Taskbar Settings** window opens.
- 4 Set **Automatically hide the taskbar** to On for desktop and tablet modebox.
- 5 Close the dialog window.

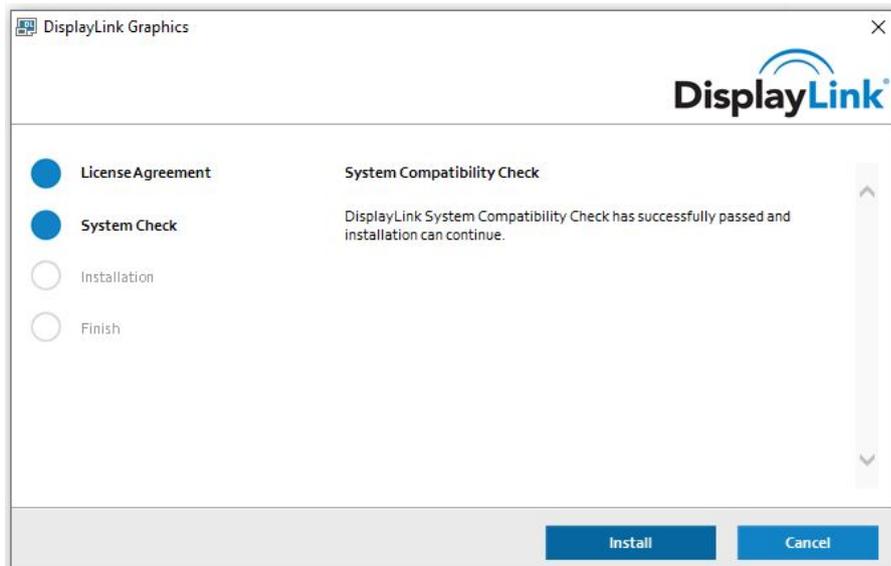
The Windows® taskbar is configured for the **ABC administrator**.

A1.9 Installing the IP2USB2VGA drivers

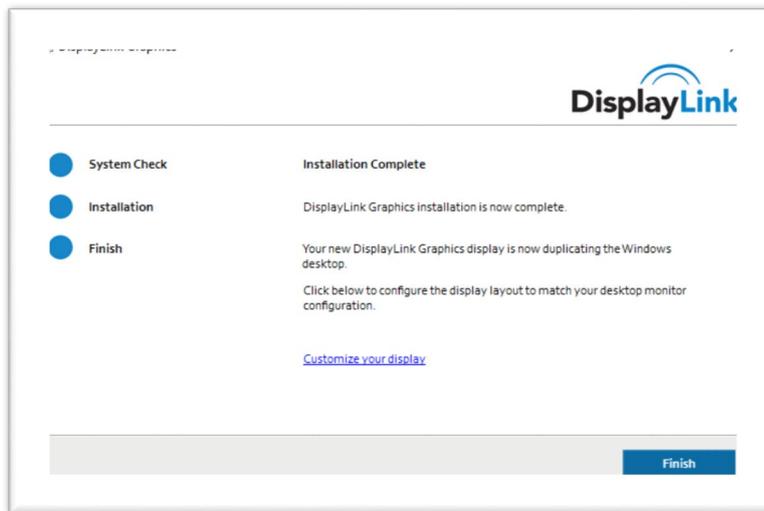
*This is the procedure to install the **IP2USB2VGA** device drivers on the Active Breathing Coordinator™ laptop.*

- 1 On a separate computer Download Full Installation Software Package from <https://www.aktina.com/product/software-and-downloads/> Unzip to a USB flash drive. Connect to ABC computer
- 2 In Windows® Explorer, browse to the subdirectory **IP2USB2VGA\Windows USB Display Adapter\Windows 7,8,8.1,10** on the installation stick.
- 3 Double-click **Setup.exe**. If the **User Account Control** dialog box appears, click **Yes** or Allow.

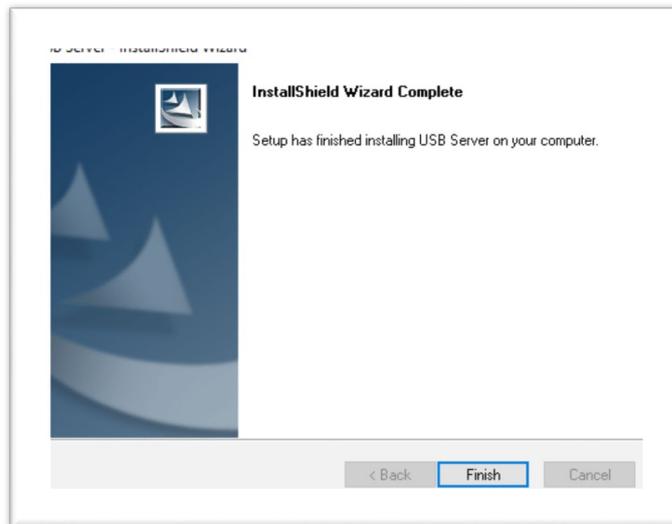
Accept the Licence agreement. The **DisplayLink** window opens. When the System Check is successful, click **Install**.

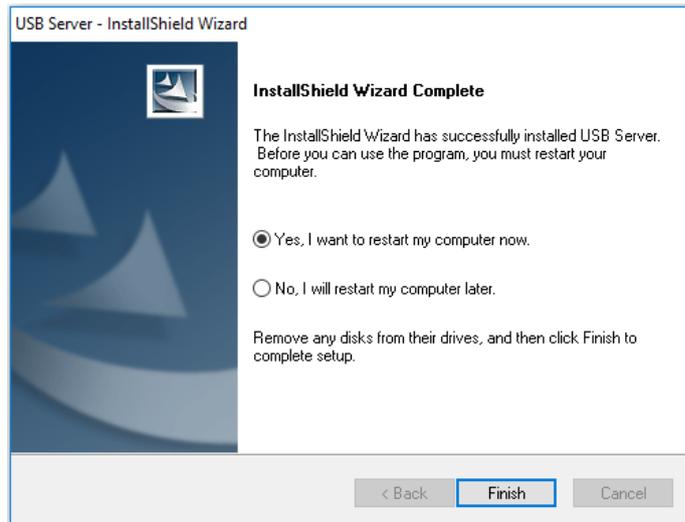


- 4 When the installation is completed click Finish.



- 5 Navigate on the Install Media to the subfolder USB Video Server Software and double click **Setup.exe**. If the **User Account Control** dialog box appears, click **Yes** or **Allow**. The USB Server installer will run. Click **Finish**.
- 6 Restart the computer.





- 7 Login as the ABC administrator.
- 8 If the Windows Security Alert window opens, click Allow access

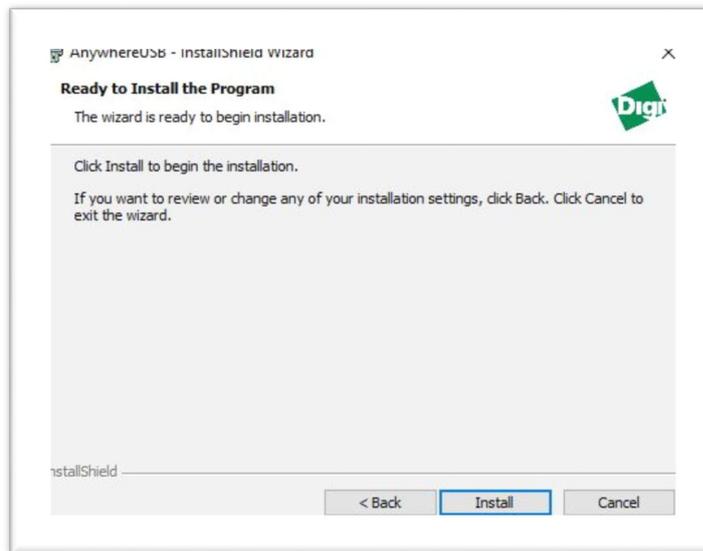
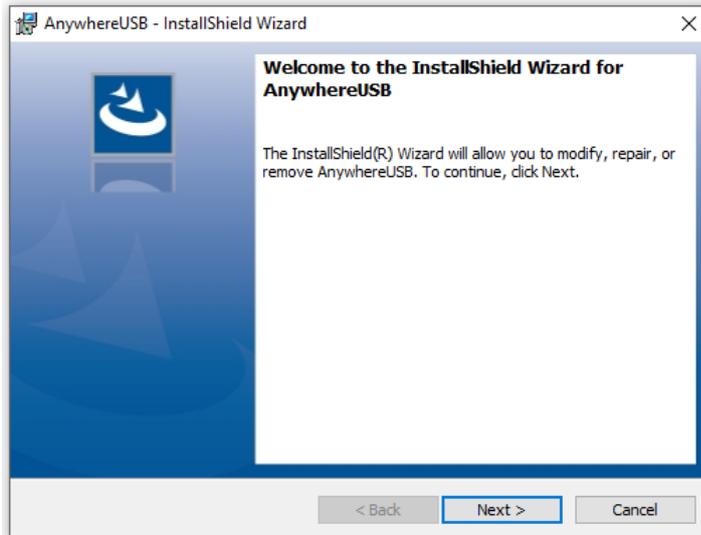


A1.10 Installing the AnywhereUSB drivers

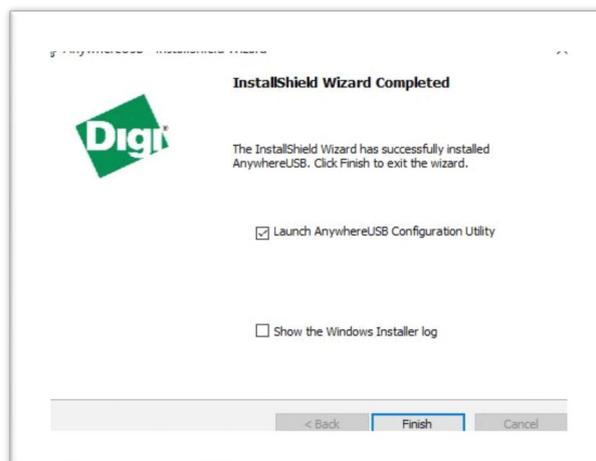
*This is the procedure to install the **AnywhereUSB** device drivers on the laptop.*

- 1 Put the installation USB stick in the USB drive.
- 2 In Windows® Explorer, browse to the subdirectory **DIGI** on the installation CD.
- 3 Double-click **40002668_S1.exe**.
- 4 If the **User Account Control** dialog box appears, click **Yes**.

The InstallShield opens – Click Next



- 5 Click **Next**. Accept License Agreement Click **Install**

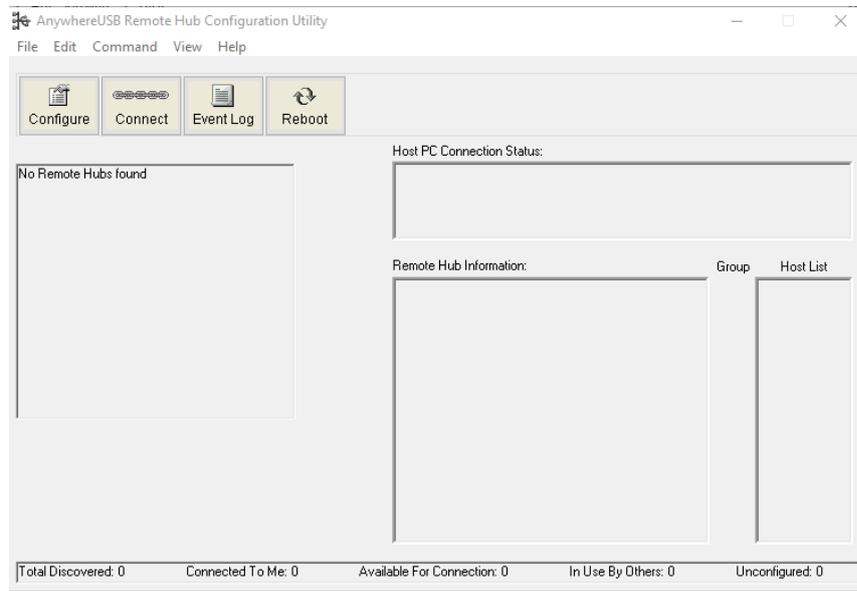


- 6 Make sure the checkbox is checked Launch **AnywhereUSB Configuration Utility**

- 7 Click the **Finish**.

If the User Access Control window opens, click Yes.

- 8 There may or may not be a remote hub found. Either way, close this program window.



A1.11 Installing the DIGI device discovery utility

*This is the procedure to install the **DIGI** device discovery utility on the laptop.*

- 1 Log on as the **ABC administrator**.
- 2 If it is necessary, put the Active Breathing Coordinator™ installation stick in the USB drive.
- 3 In Windows® Explorer, browse to the file **40002265_G.exe** at the root of the installation media.
- 4 Double-click **40002265_G.exe**
- 5 If the **User Account Control** dialog box appears, click **Yes**. The program runs.
- 6 Follow the on screen instructions, accept all the defaults, to complete the installation.

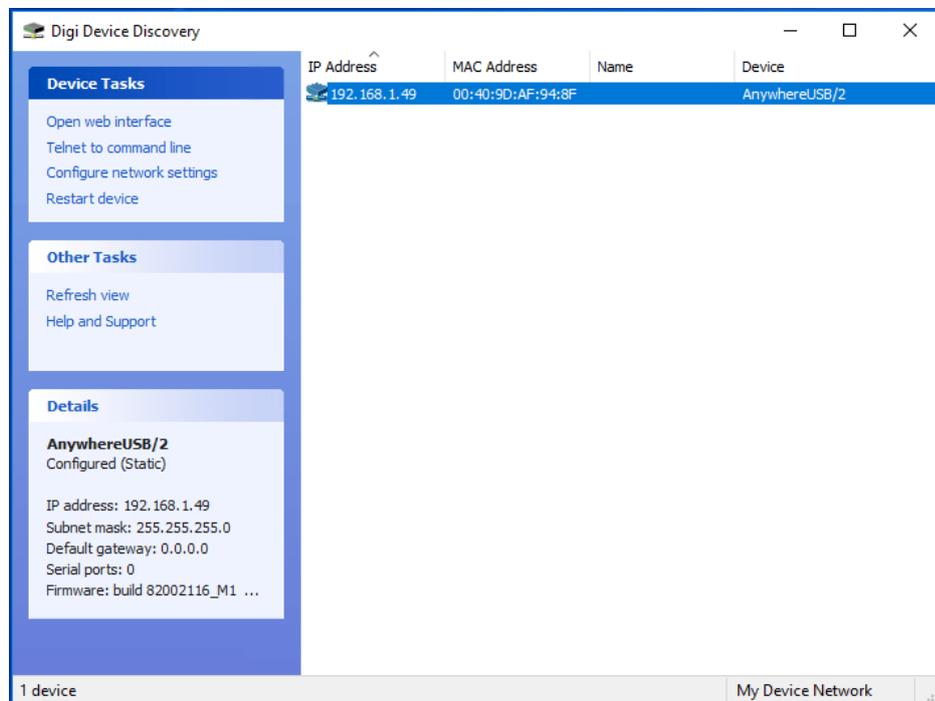
A1.12 Configuring the AnywhereUSB device



*This is the procedure to configure the **AnywhereUSB** device, which connects the laptop to the control module of the Active Breathing Coordinator™.*

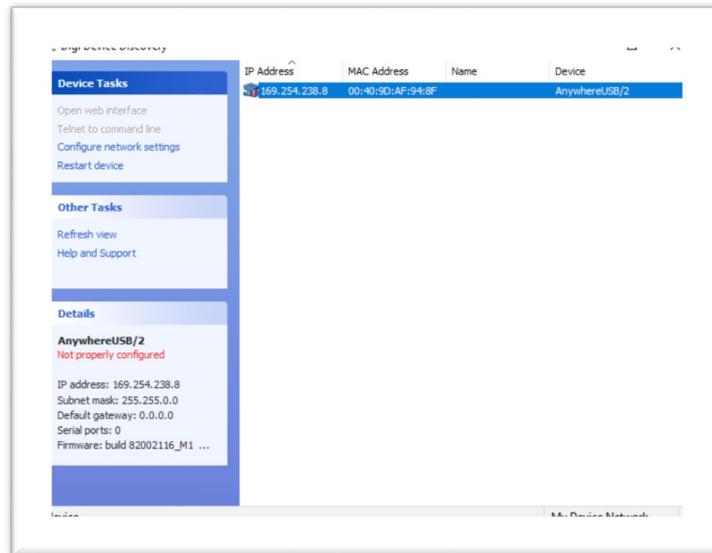
NOTE: The laptop must be connected to the trolley, and the full system switched on.

- 1 Switch off the laptop.
- 2 Put the laptop at its trolley position.
- 3 Connect the laptop to the trolley ethernet cable and power supply.
- 4 Switch on the trolley.
- 5 Switch on the control module.
- 6 Switch on the trolley monitor.
- 7 Switch on the laptop.
- 8 Log on as the **ABC administrator**.
- 9 Click **Start > Digi > Digi Device Discovery**.
- 10 If the **User Account Control** dialog box appears, click **Yes**. The **Digi Device Discovery** window opens.
- 11 Make sure that the **IP Address 192.168.1.49** shows in the **IP Address** column. If it is, skip to step **13**.



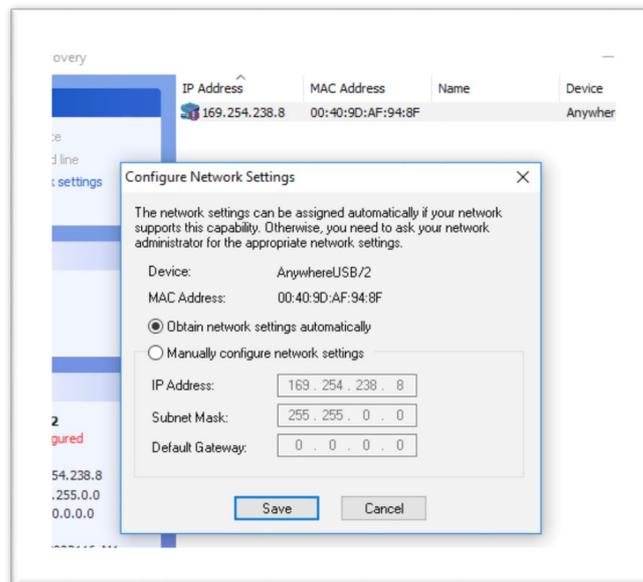
- 12 If there is a different IP address in the **IP Address** column:

- a Double-click on the IP address in the **IP Address** column:



The **AnywhereUSB/2 Configuration and Management** window opens.

- b In the left pane, under **Configuration**, select **Network**.



- c Click **Manually configure network settings** and change the **IP Address** to **192.168.1.49**.
- d Change the **Sub Mask** to **255.255.255.0**.
- e Change the **Default Gateway** to **0.0.0.0**.
- f Click **Apply**.
- g Click **Apply** again. The device may start again. Shut it down.
- h Click **Start > Digi > Digi Device Discovery**.
- i If the **User Account Control** dialog box appears, click **Yes**.

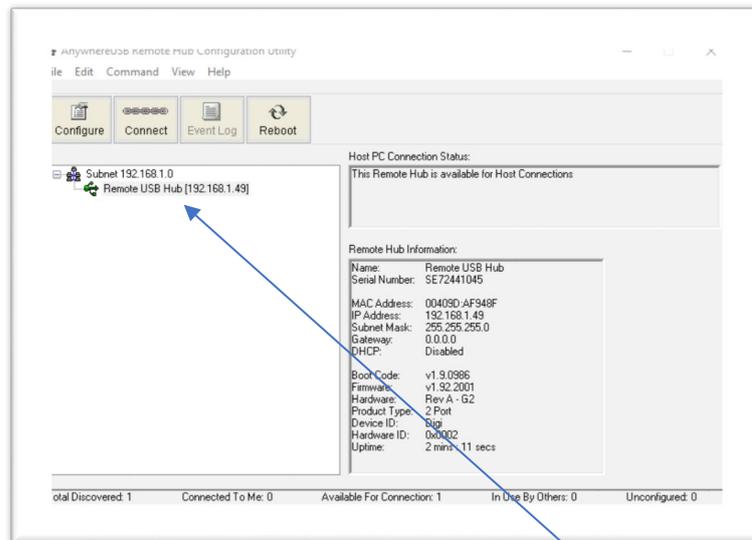
The **Digi Device Discovery** window opens.

j Make sure that the **IP Address** column shows the IP address **192.168.1.49**.

13. If the IP address in the **IP Address** column is **192.168.1.49**:

- a Leave the **Digi Device Discovery** window open for the time being.
- b Click **Start > AnywhereUSB > AnywhereUSB Configuration Utility**.
- c If the **User Account Control** dialog box appears, click **Yes**.

The **AnywhereUSB Remote Hub Configuration Utility** window opens.



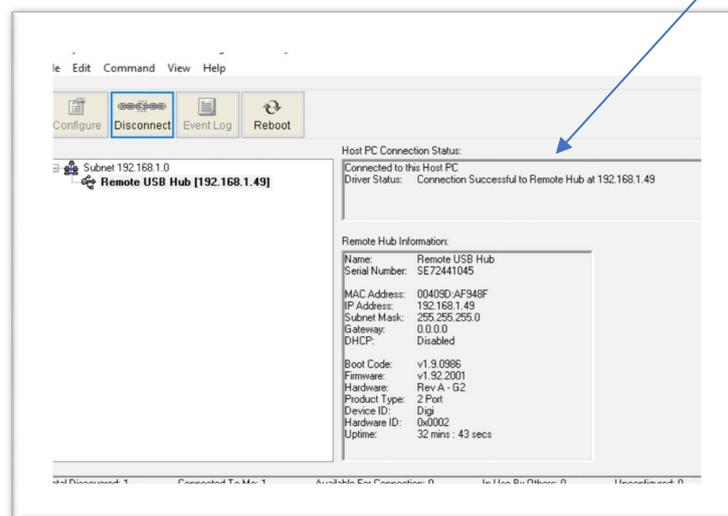
d Make sure that the **Subnet 192.168.1.0** contains **Remote USB Hub [192.168.1.49]**.

e Make sure that **Remote USB Hub [192.168.1.49]** is selected.

e Click **Connect**.

A message might appear to tell you that the driver was not installed correctly. Ignore this message.

f Make sure that the **Host PC Connection Status** text box shows **Connected to this Host PC. Driver Status: Connection Successful to Remote Hub at 192.168.1.49**.

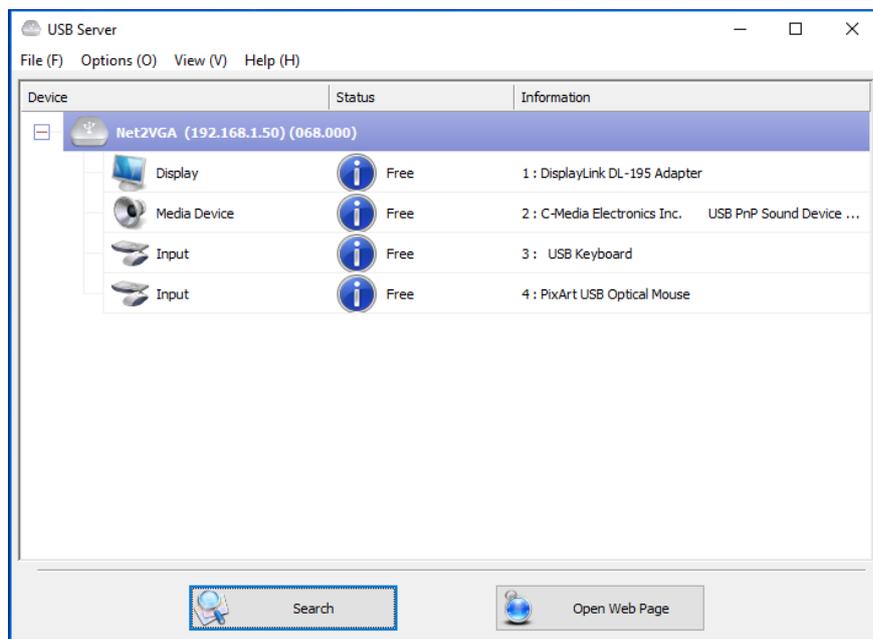


g Close the Configuration Utility window and the Digi Discovery window.

A1.13 Configuring the IP2USB2VGA device for the ABC administrator

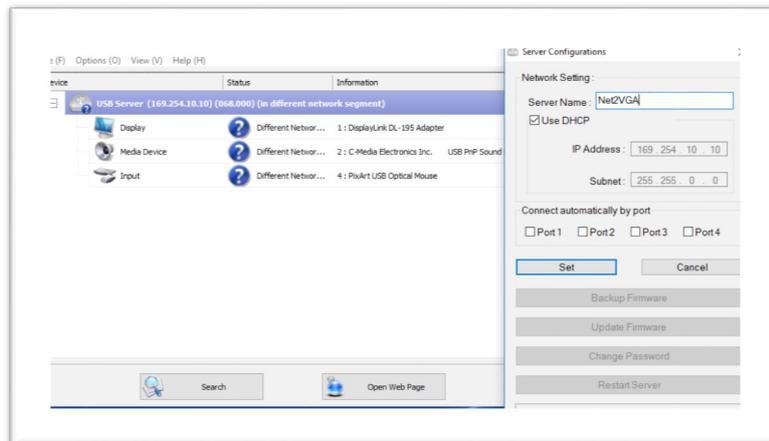
*This is the procedure to configure the **IP2USB2VGA** device for the **ABC administrator**. This device connects the laptop to the trolley monitor, keyboard and mouse.*

- 1 Make sure that the laptop is at its trolley position and switched on.
- 2 Make sure that the full system is switched on.
- 3 If not already, log on as the **ABC administrator**.
- 4 On the laptop desktop, double-click the **Launch USB Server** icon. The **USB Server** window opens.
It may take a moment to engage.
- 5 Make sure that the **Device** column of the **USB Server** window shows **Net2VGA (192.168.1.50)**.

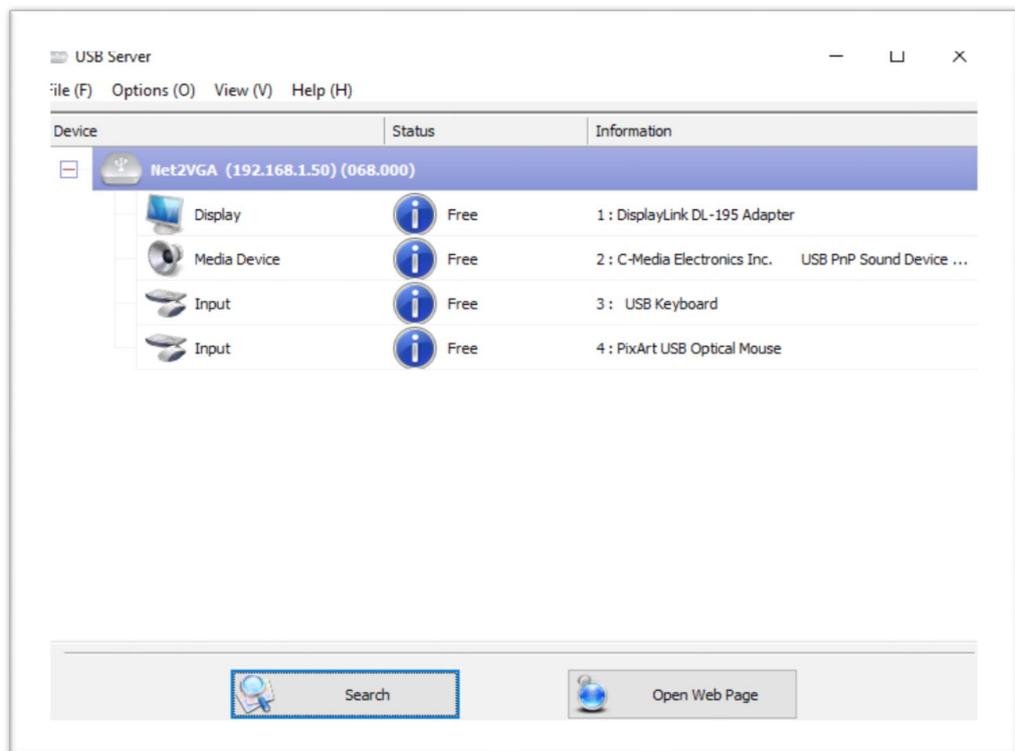


- 6 If there are no devices below **Net2VGA (192.168.1.50)**, do the steps that follow.
 - a Close the **USB Server** window.
 - b Switch off the Active Breathing Coordinator™ at the trolley power switch.
 - c After a minimum of 30 seconds, switch on the trolley.
 - d Configure the **IP2USB2VGA** device for the **ABC administrator** user again.

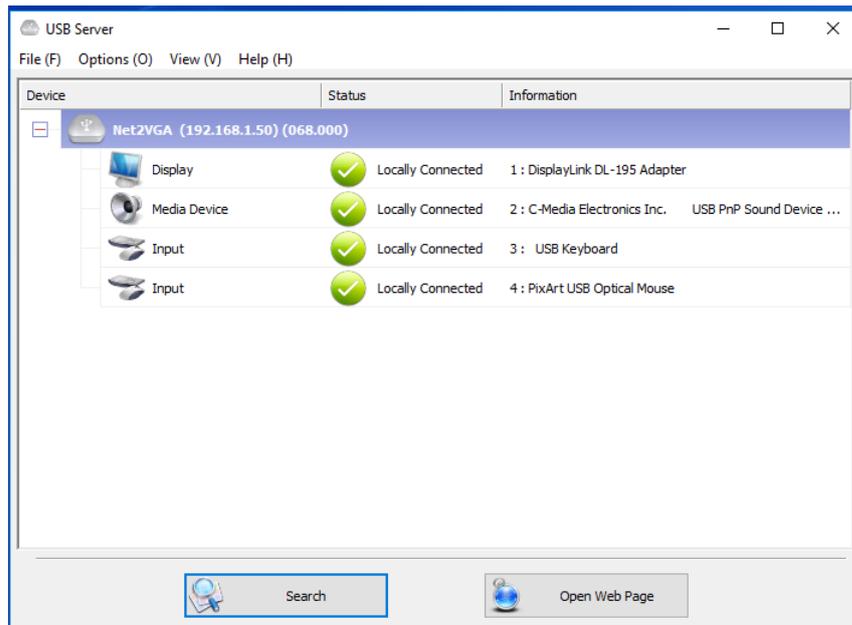
- 7 In the **USB Server** window, if the **Device** column shows a different IP Address to **Net2VGA (192.168.1.50)**, do the steps that follow.



- a Select **Options > Server Configuration**.
 - b Make sure that the **Server Name** is **Net2VGA**.
 - c Make sure that the **DHCP** check box is not selected.
 - d Change the **IP Address** to **192 . 168 . 1 . 50**
 - e Change the **Subnet Mask** to **255.255.255.0**.
 - f Make sure that the **Connect automatically** check boxes for **Port 1, Port 2, Port 3, and Port 4** are all selected.
- 8 If the **Device** column shows **Net2VGA (192.168.1.50)**, in the list of **Net2VGA (192.168.1.50)** devices there should be the following 4 devices:



- a Right-click each device in turn and select the **Connect Device Automatically** check box.
- b Repeat for all 4 devices.
Close the **USB Server** window.
- c On the laptop desktop, double-click the **Launch USB Server** icon. The **USB Server** window opens and should connect all the devices.



- d Minimize the **USB Server** window.

Note: Do not close the **USB Server** window, only minimize it. If you close the **USB Server** window, the **USB Server** program will disconnect the related devices.

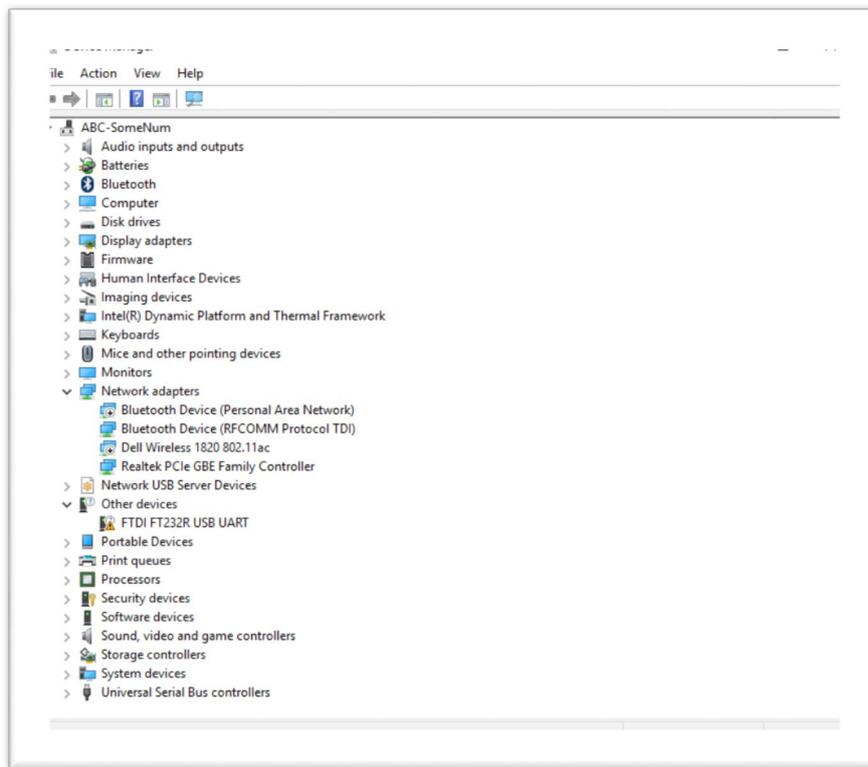
A1.14 Installing the USB device driver software

This is the procedure to install the USB device driver software on the Active Breathing Coordinator™ laptop.

The installation of the USB device driver software must be correct.

- 1 Make sure that the laptop is at its trolley position and switched on.
- 2 Make sure that the full trolley system is switched on.
- 3 Log on as the **ABC administrator** and ensure the USB Server is running.
- 4 Open the **Control Panel**.
- 5 Make sure that **View By** is set to **Category**.
- 6 Select **System and Security**.
- 7 Select **System**.
- 8 In the left pane, select **Device Manager**.

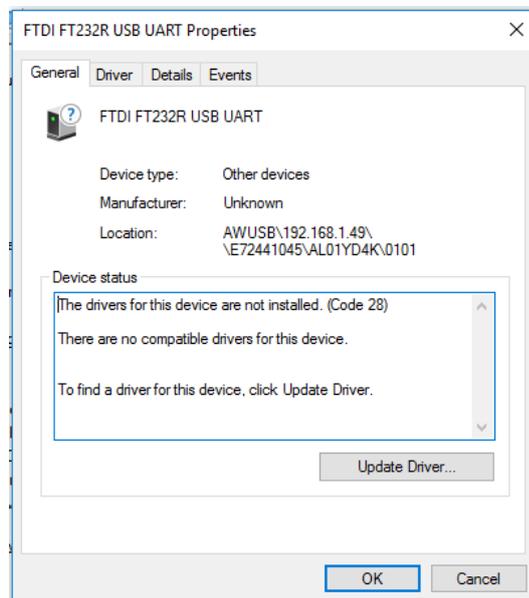
9 Navigate to **Other Devices**.



10 Double-click **FTDI FT232R USB UART**.

The **Device properties** window opens.

11 Click **Update driver**.



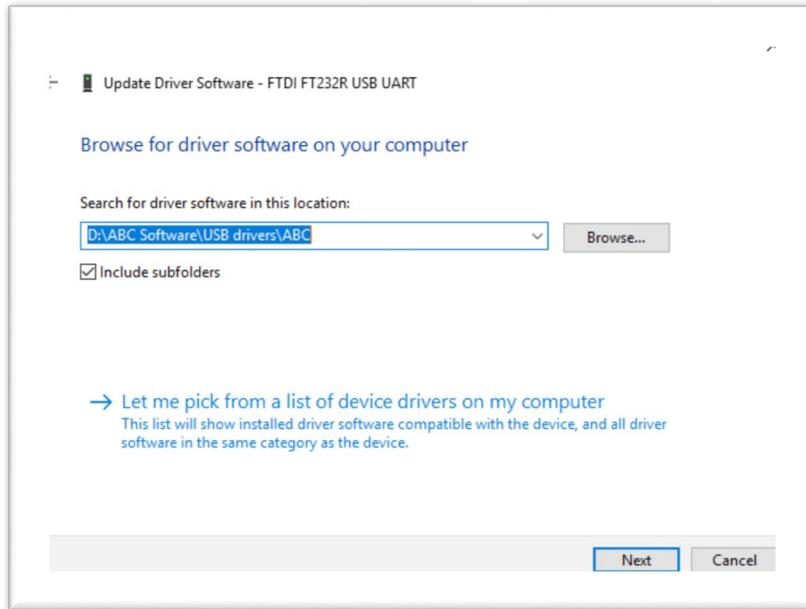
12 Click **Browse my computer for driver software**.

13 If it is necessary, put the Active Breathing Coordinator™ installation stick in the USB or the disc in the CD/DVD drive.

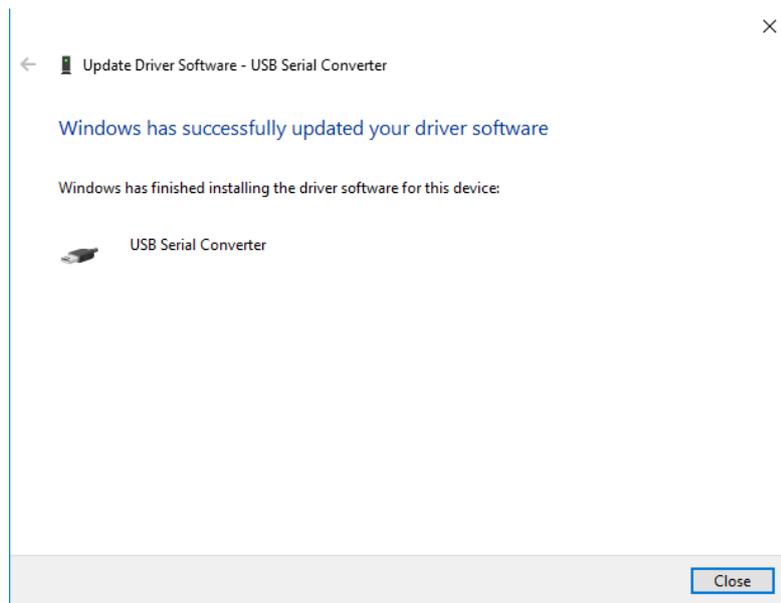
14 Browse to the subdirectory **USB drivers\ABC** on the installation disc.

15 Click **OK**.

16 Make sure that the **Include subfolders** check box is selected.

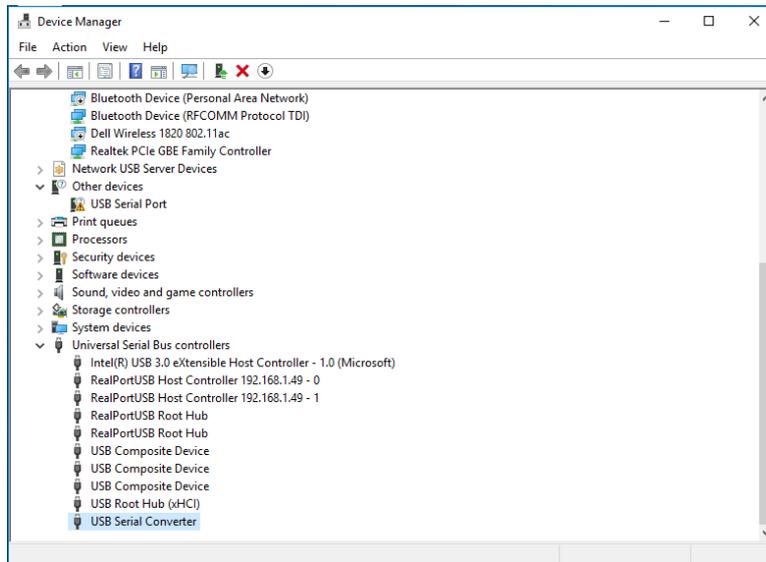


17 Click **Next**.

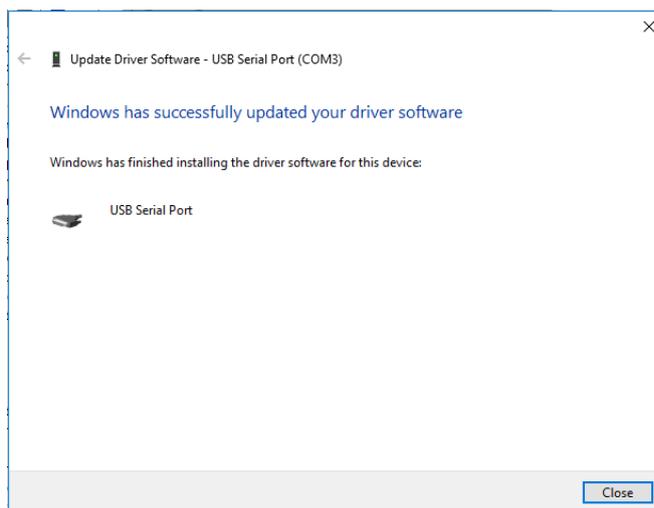


18 Click **Close**.

- 19 Click **Close**.
- 20 On the Driver Manager window:
 - Navigate to **Other Devices**.



- 21 Double-click **USB Serial Port**.
The **Device properties** window opens.
- 22 Click **Update driver**.
- 23 Click **Browse my computer for driver software**.
- 24 Browse to the subdirectory **USB drivers\ABC** on the installation disc.
- 25 Click **OK**.
- 26 Make sure that the **Include subfolders** check box is selected.
- 27 Click **Next**. The driver should install successfully.



- 28 Click **Close**.
- 29 Click **Close** again.
The installation of the USB device driver software completes
- 30 Close the Device Driver Manager window.

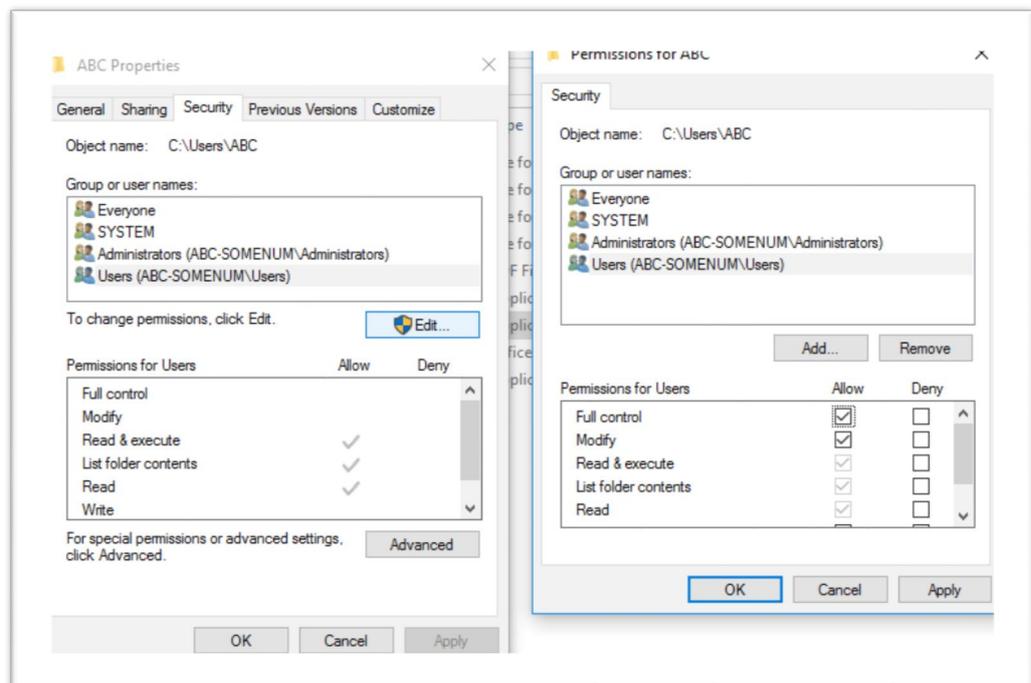
A1.15 Installing the Active Breathing Coordinator™ control software

This is the procedure to install the control software on the Active Breathing Coordinator™ laptop. User access to the control software is through the standard operating system controls of the Active Breathing Coordinator™ laptop.

- 1 Log on as the **ABC administrator**.
- 2 If it is necessary, put the installation disc in the laptop CD/DVD drive or the stick in the USB drive.
- 3 In Windows® explorer, browse to the root of the install media.
- 4 Find the file **ABC Setup 3.00.01 SVN 136.exe**
- 5 Double-click the file **ABC Setup 3.00.01 SVN 136.exe**
- 6 If the **User Account Control** dialog box appears, click **Yes**.
- 7 Follow the instructions that appear on the screen, accepting the defaults.
- 8 When the installation is completed, browse to and select **C:\Users**.
- 9 Right-click on the **ABC** folder.
- 10 Select **Properties**.
- 11 Select the **Security** tab.
- 12 Click **Edit**.
- 13 In the **Group or user names** pane, select **Users (ABC-<serial number of the ABC>\users)**.

Note: The **<serial number of the ABC>** is the trolley serial number, which is on the trolley identification label.

- 14 In the **Permissions for Users** pane, make sure that the **Full control** check box below **Allow** is selected.



- 15 Click **OK**.

- 16 Click **OK** again.

The control software installation completes.

Installing the GUI language file

A1.16 Installing the GUI language file

This is the procedure to install the GUI language file on the Active Breathing Coordinator™ laptop. This procedure is only necessary if the intended region of system operation has a GUI language other than English.

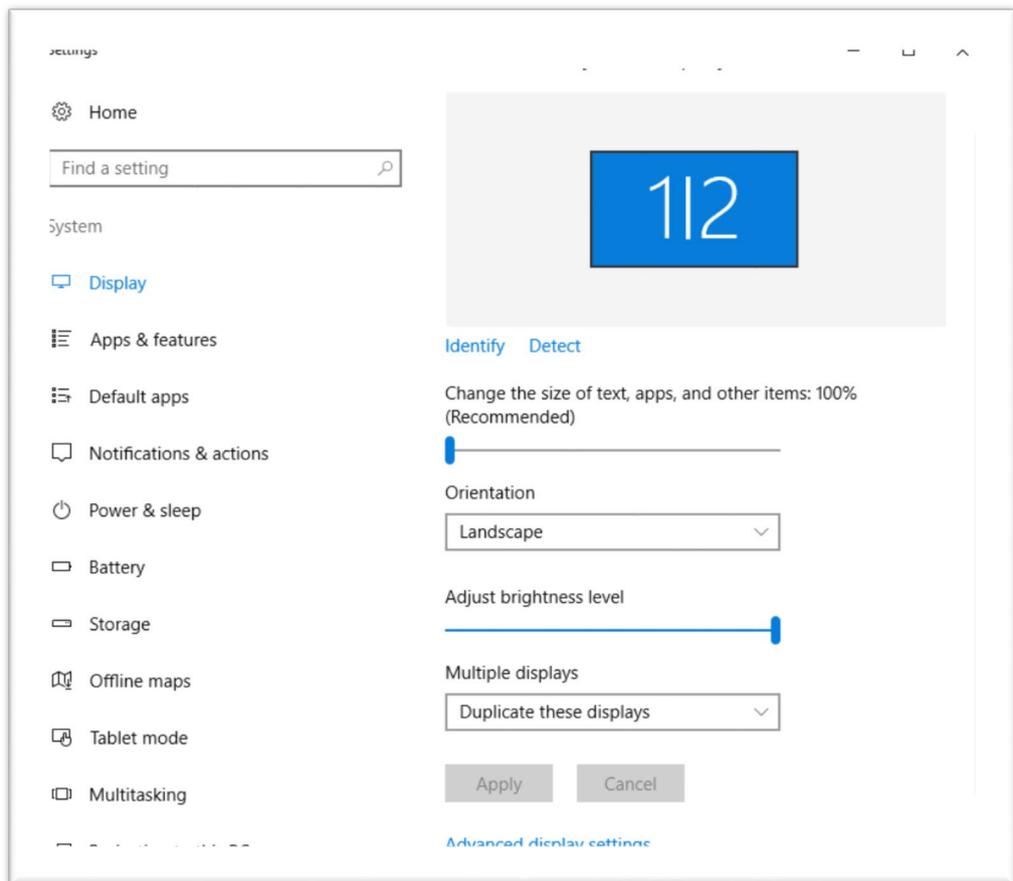
- 1 Log on as the **ABC administrator**.
- 2 If it is necessary, put the Active Breathing Coordinator™ languages disc in the CD/DVD drive.
- 3 Find the applicable language **.lng** file on the languages disc.
- 4 Copy the applicable language file, and its related checksum **.sfv** file, to the directory **C:\Users\ABC\AppData\ABC\Languages**
- 5 Open the **Control Panel**.
- 6 Make sure that **View By** is set to **Category**.
- 7 Select **Clock, Language and Region**.
- 8 Select **Region and Language**.
The **Region and Language** window opens.
- 9 Make sure that the information in the **Formats, Location, and Keyboards and Languages** tabs is correct. The local settings, and the software language configuration, must be for the intended region of system operation.

A1.17 Configuring multiple monitors for the ABC administrator

This is the procedure to configure the multiple monitors setting for the ABC administrator. The multiple monitors configuration must be correct.

- 1 Log on as the **ABC administrator**.
- 2 On the Windows® desktop, right-click and select **Display Settings**. The **Screen resolution** window opens.
- 3 In the Orientation drop-down list, select **Landscape**.

- In the **Multiple displays** drop-down list, select **Duplicate these displays**.



- Click **Apply** if necessary.
- Click **Advanced display settings**.
- Make sure that the **Resolution** setting is **1024 x 768**.
- Click **Apply** and **Keep Changes**.

A1.18 Configuring the screen saver and background for the ABC administrator

*This is the procedure to configure the screen saver and background on the Active Breathing Coordinator™ laptop for the **ABC administrator**.*

The screen saver and background configuration must be correct.

- Log on as the **ABC administrator**.
- Open the **Control Panel**.
- Make sure that **View By** is set to **Category**.
- Select **Appearance and Personalization**.
- Select **Personalization**.
- Select the **Screen saver** icon at the bottom of the **Personalization** window.
- Make sure that the **Screen saver** drop-down list has **(None)** selected.
- Click **OK**.
- Select the **Desktop Background** icon at the bottom of the **Personalization** window.

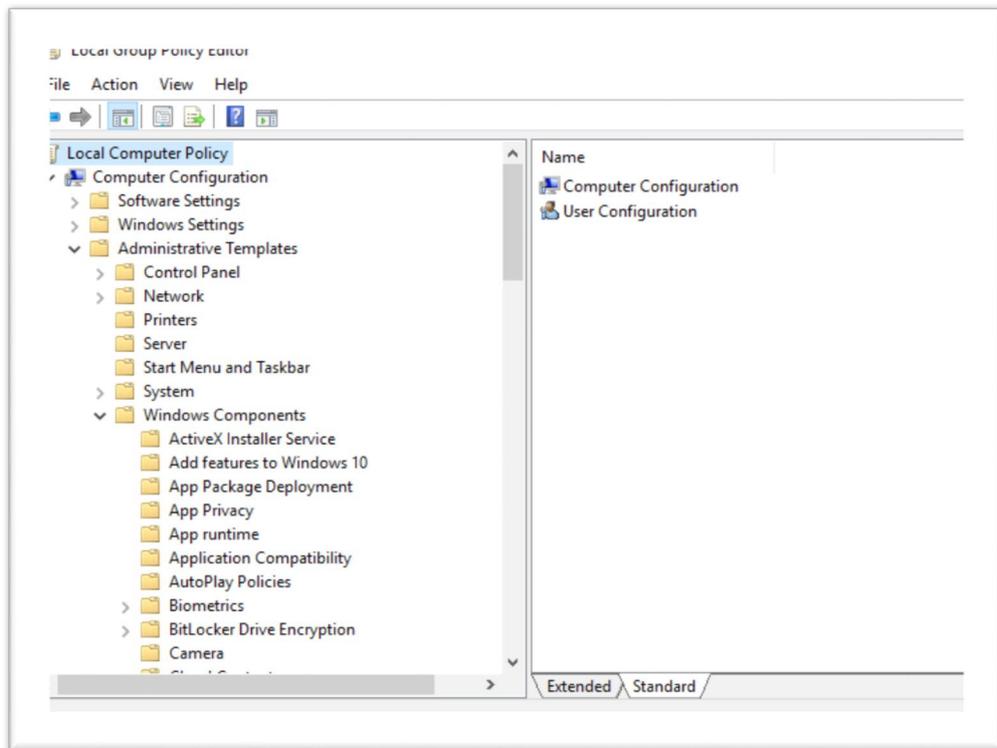
- 10 Browse to the CD/DVD drive.
- 11 Select the file **ABC wallpaper-splash screen.jpg**
- 12 Click **Save Changes**.

The screen saver and background configuration completes.

A1.19 Configuring the Windows® group policy

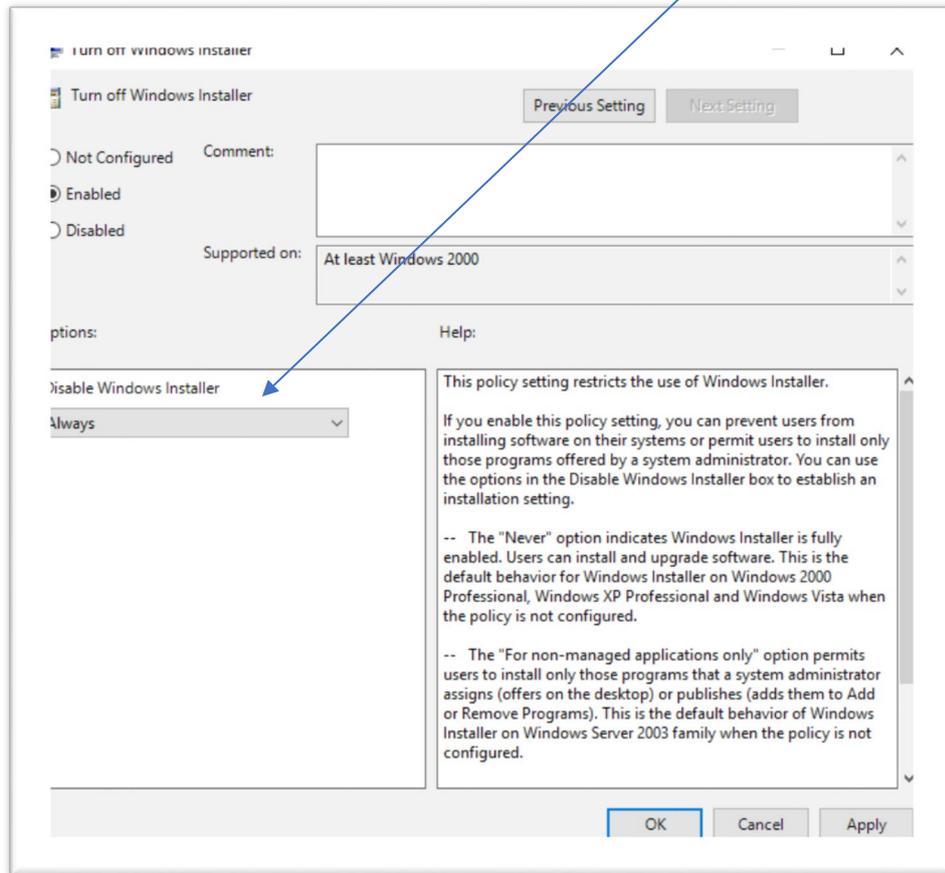
This is the procedure to configure the Windows® group policy on the Active Breathing Coordinator™ laptop.

- 1 Log on as the **ABC administrator**.
- 2 Click **Start**.
- 3 In the **Start Search** text box, type **gpedit.msc** and press ENTER.
- 4 Browse to **Computer Configurations\Administrative Templates\Windows Components\Windows Installer**.



- 5 In the right pane of the **Local Group Policy Editor**, double-click **Turn off Windows Installer**. The **Turn off Windows Installer** window opens.
- 6 Select the **Enabled** radio button.

- 7 Make sure that **Always** is selected in the bottom left pane below **Disable Windows Installer**.



- 8 Click **OK**

The **Windows Installer** is disabled. The setup and configuration of the **ABC administrator** user is completed

- 9 Close the **Local Group Policy** window.

- 10 Log out.

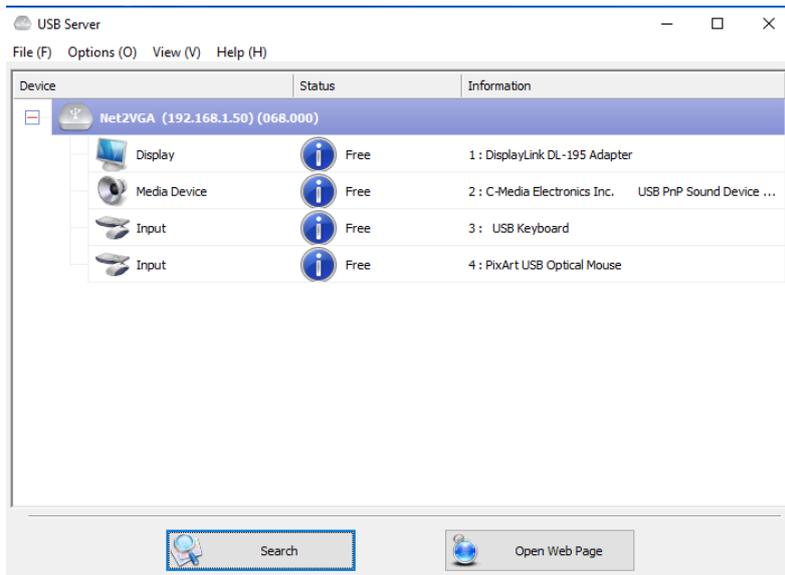


Note: At this time, you must log out and log on as the **ABC** user to complete the software configuration.

A1.20 Configuring the IP2USB2VGA device for the ABC user

This is the procedure to configure the IP2USB2VGA device for the ABC user.

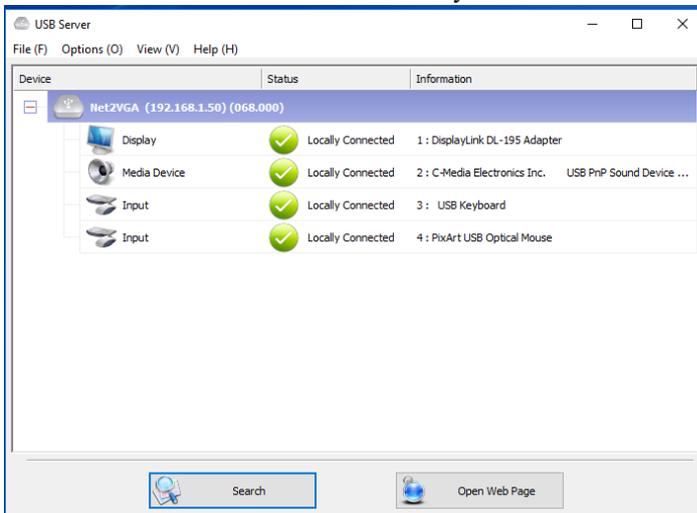
- 1 Make sure that the laptop is at its trolley position and switched on.
- 2 Make sure that the full system is switched on.
- 3 Log on as the **ABC** user.
- 4 On the laptop desktop, double-click the **Launch USB Server** icon. The **USB Server** window opens.
- 5 In the **USB Server** window, make sure that the **Device** column shows **Net2VGA (192.168.1.50)**.



- 6 If the **Device** column shows **Net2VGA (192.168.1.50)**, in the list of **Net2VGA (192.168.1.50)** devices there should be 4 devices:
 - a Right-click each device in turn and select the **Connect Device Automatically** check box.
 - b Repeat this process for each of the 4 devices listed.
 - c Close the **USB Server** window.

This causes the USB Server system to reset the settings.

- 7 On the laptop desktop, double-click the **Launch USB Server** icon. The **USB Server** window opens.
- 8 All 4 devices should connect automatically. It could take around 30 to 45 seconds to connect.



- 9 Minimize the USB Server window.

Note: *Do not close the **USB Server** window, only minimize it. If you close the **USB Server** window, the **USB Server** program will disconnect the related devices.*

A1.21 Configuring the Windows® taskbar for the ABC user

*This is the procedure to configure the Windows® taskbar for the **ABC** user on the Active Breathing Coordinator™ laptop.*

The configuration of the Windows® taskbar on the laptop must be correct.

- 1 Log on as the **ABC** user.
- 2 Put the pointer on the primary taskbar.
- 3 Right-click and select **Settings**.
- 4 The **Taskbar Settings** window opens.
- 5 Select the Automatically hide the taskbar check box.
- 6 Click **OK**.

The Windows® taskbar is configured for the **ABC** user.

A1.22 Configuring the multiple monitors for the ABC user

*This is the procedure to configure the multiple monitors setting for the **ABC** user.*

The multiple monitors configuration must be correct. It is highly likely these settings carried over from the ABC administrator – if not follow these procedures.

- 1 Log on as the **ABC** user.
 - 2 On the Windows® desktop, right-click and select **Display settings**. The **Customize your display** window opens.
 - 3 Make sure that the **Display** setting is **1 | 2. Multiple Monitors**.
 - 4 In the **Multiple displays** drop-down list, select **Duplicate these displays**.
 - 5 Make sure that the **Orientation** setting is **Landscape**.
 - 6 Click **Apply**.
 - 7 Click **Advanced display settings**.
 - 8 Make sure that the **Resolution** setting is **1024 x 768**.
 - 9 Click **Apply and Save changes**.
-

A1.23 Configuring the screen saver and background for the ABC user

This is the procedure to configure the screen saver and background on the Active Breathing Coordinator™ laptop for the ABC user.

The screen saver and background configuration must be correct.

- 1 Log on as the **ABC** user.
- 2 Open the **Control Panel**.
- 3 Make sure that **View By** is set to **Category**.
- 4 Select **Appearance and Personalization**.
- 5 Select **Personalization**.
- 6 Select the **Screen saver** icon at the bottom of the **Personalization** window.
- 7 Make sure that the **Screen saver** drop-down list has **(None)** selected.
- 8 Click **OK**.
- 9 Select the **Desktop Background** icon at the bottom of the **Personalization** window.
- 10 Browse to the CD/DVD drive.
- 11 Select the file **ABC wallpaper-splash screen.jpg**
- 12 Click **Save Changes**.

The screen saver and background configuration completes

A1.24 Configuring the Action Center and notification area icons for the ABC user

*This is the procedure to configure the **Action Center** and notification area icons on the Active Breathing Coordinator™ laptop for the ABC user.*

The **Action Center** and notification area icons must be correct.

- 1 Log on as the **ABC** user.
- 2 Right-click on the **Action Center** icon at the right side of the desktop taskbar in the notification area.
- 3 Select **Open Action Center**.
- 4 In the left pane of the displayed window, select **Change Action Center settings**.
- 5 Below **Security messages**, cancel the selection of all the check boxes.
- 6 Below **Maintenance messages**, cancel the selection of all the check boxes.
- 7 Click **OK**.
- 8 Right-click on the taskbar.
- 9 Select **Properties**.

The **Taskbar and Start Menu Properties** window opens.

- 10 Below **Notification area**, select **Customize**.

The **Notification Area Icons** window opens.

- 11 Make sure that **Power** is selected as **Show icons and notifications**.
- 12 Make sure that the other icons are selected as **Hide icon and notifications**.
- 13 Click **Turn system icons on or off**.

The **Turn system icons on or off** window opens.

- 14 Make sure that **Power** is selected to **On**.
- 15 Make sure that **Clock** is selected to **On**.
- 16 Make sure that the other **System Icons** are selected as **Off**.
- 17 Click **OK**.
- 18 Click **OK** again.

The system completes the configuration of the **Action Center** and notification area icons.

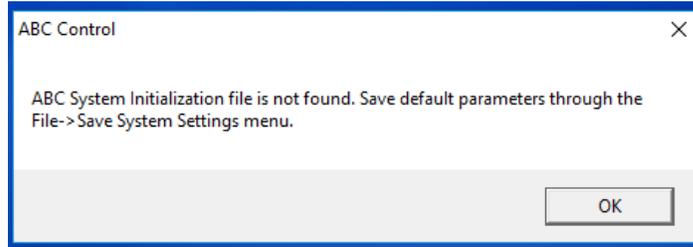
A1.25 Running the control software for the first time

This is the procedure to configure the control software of the Active Breathing Coordinator™ when it is run for the first time.

You must configure the control software when it is run for the first time.

- 1 On the Windows® desktop, double-click the **ABC 3.00** icon.

The **ABC Control** dialog box appears with the following message:



- 2 Click **OK**.
The system does its system tests. If the system tests are successful, the primary patient screen is displayed.
- 3 In the **Load an existing patient, or create a new patient** window, click **Cancel**.
- 4 If it is necessary to change the installed language:
 - a In the menu bar of the primary patient screen, select **Settings > System Settings**. The **ABC System Settings** dialog box appears.
 - b In the drop-down list in the **Language** area, select the applicable language for the region of system operation.
 - c Click **Done**.

The primary patient screen is displayed.

- 5 In the menu bar of the primary patient screen, select **File > Save System Setting as Default**.
Click Yes to save the changes to the default settings.
- 6 In the menu bar of the primary patient screen, select **File > Exit**.

Note: *You must close the control software for the changes to the settings to have an effect.*

- 7 On the Windows® desktop, double-click the **ABC 3.00** icon.
The system does its system tests. If the system tests are successful, the primary patient screen is displayed.
- 8 In the **Load an existing patient, or create a new patient** window, click **Cancel**.
- 9 Make sure that the respiratory cycle is displayed.
- 10 If the respiratory cycle is not displayed, remove the patient respiratory system from its trolley position and move it up and down.
The system resets the respiratory cycle to its zero start position.