

seca mBCA 525/535 and **seca** analytics 115 Software

Instructions: Installation and connection



Dear seca customer,

For the smooth connection of your mBCA to a PC, it is necessary to establish a network connection. This is described step-by-step here.

In the first part, the software installation is described. After that comes the settings on your PC, followed by the settings on your mBCA.

All the steps listed here have been tested and the examples given have been validated.

Please understand that we cannot include every variation, otherwise this document would become very extensive and confusing.

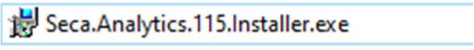

We have also deliberately refrained from technical explanations of terms. If you are interested, you can find a summary of IT terms, as well as many useful documents and information about them under the following link:

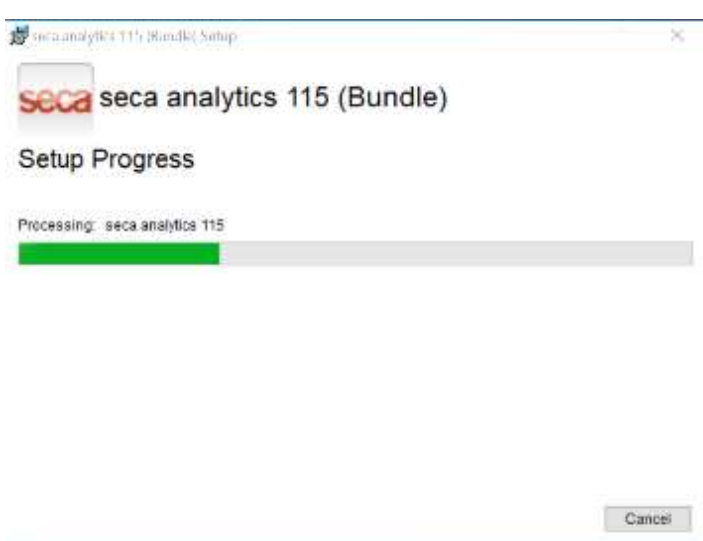
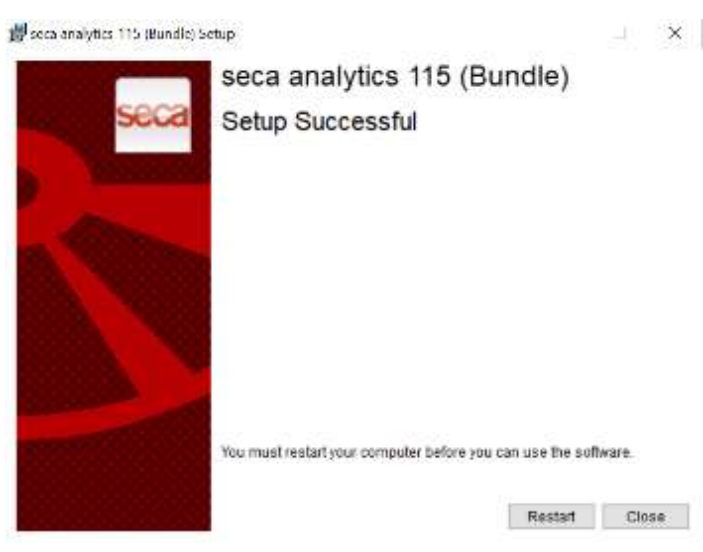
[Link: IT definitions and more!](#)

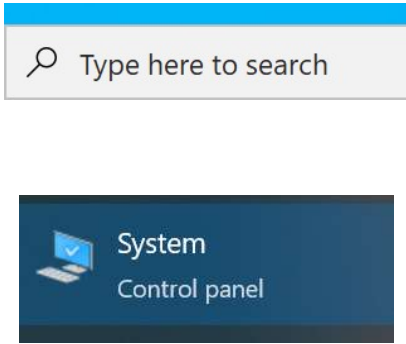


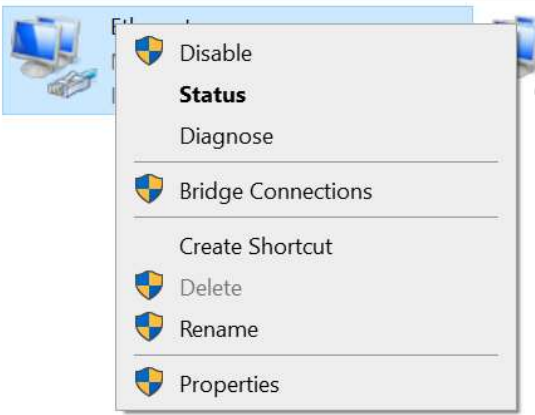
What we don't show in this step-by-step guide is port sharing in the firewall(s). There are many instructions for this on the Internet and here too the variations are very large. We also have a document that informs you about firewalls and ports. You can find this document at the link above.

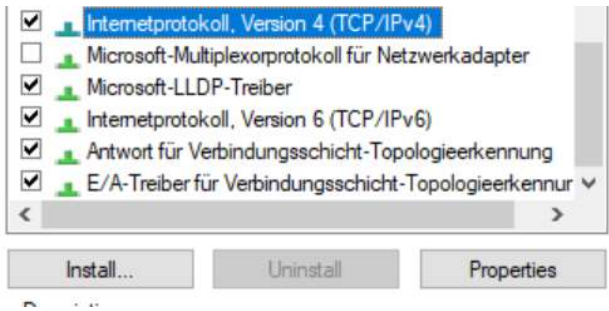
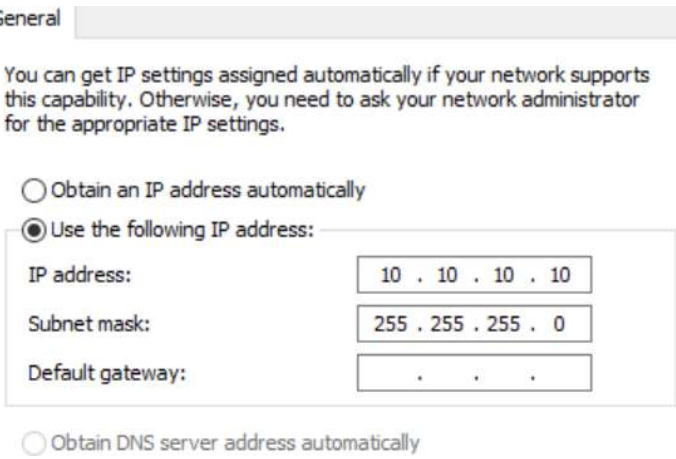
However, since port sharing is necessary for your mBCA to communicate with the software, it is important that you make this setting beforehand.

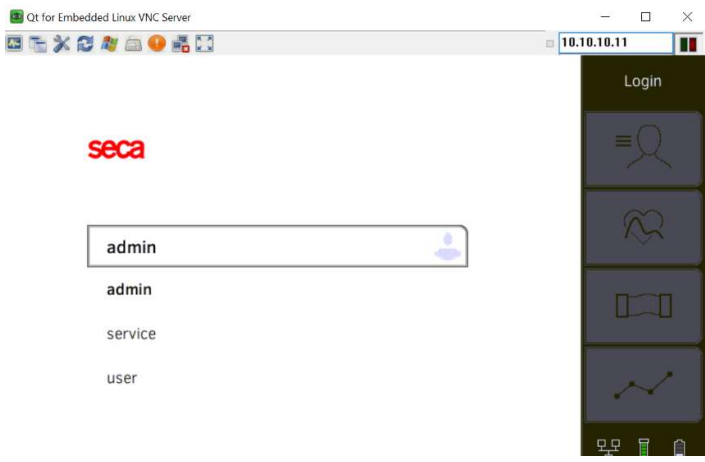
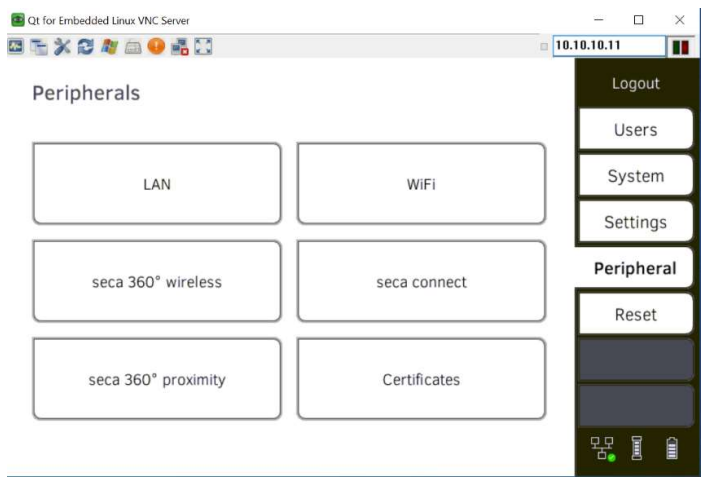
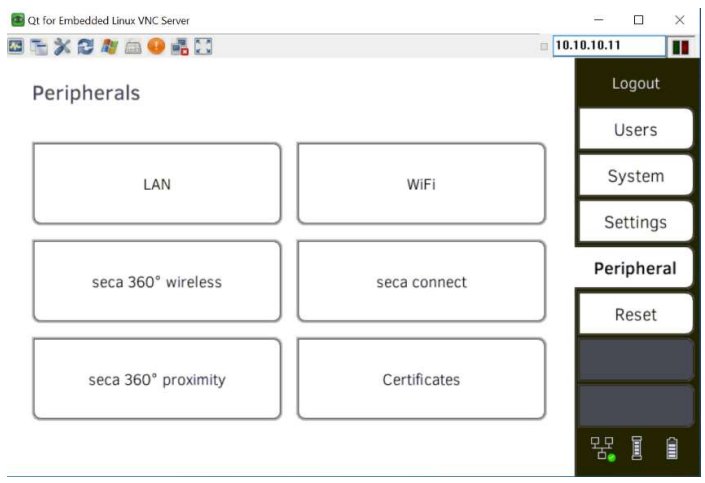
Please read this document if you have any questions about this and contact your IT professional if you don't want to or can't do it yourself.

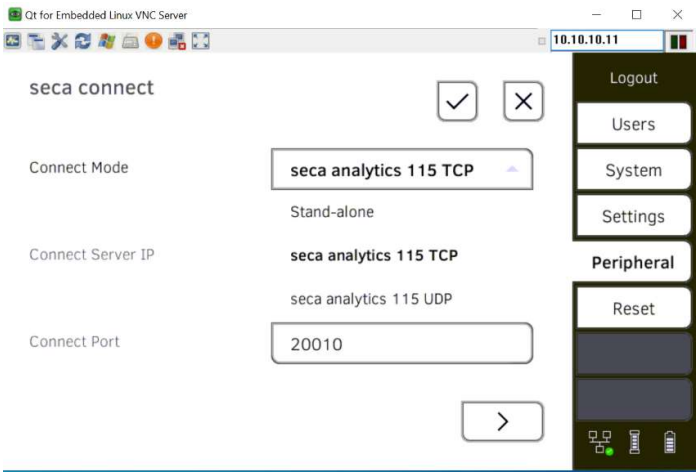
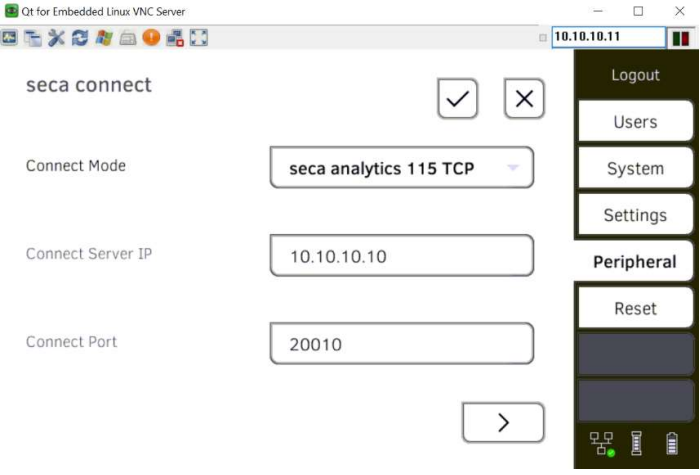
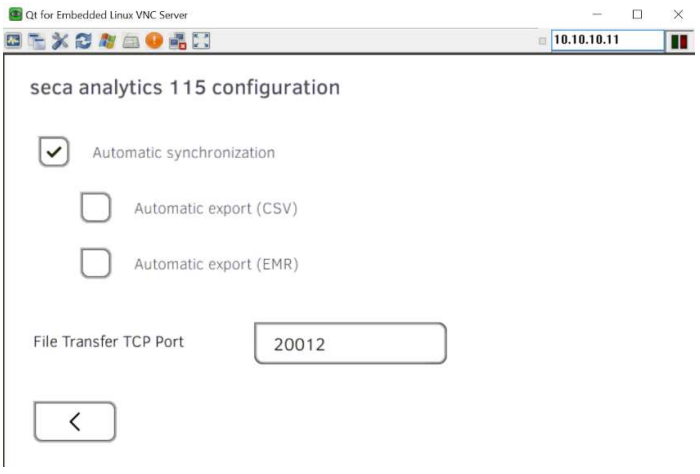
<p>1</p>	<p>seca analytics 115 installation.</p> <p>You can download the seca analytics 115 software from our homepage:</p> <p>Link: seca analytics 115</p> <p>Double-click Seca.Analytics.115.Installer.exe.</p>	
<p>2</p>	<p>The installation will start, and the following window will appear:</p>	
<p>3</p>	<p>You need to choose how you want the software to be installed.</p>	<ul style="list-style-type: none"> - A "full" installation is required if the software - including the database - is to be installed on a single PC (use this for server installation as well) - The "client" installation should be performed if the database is already available on the same network (server), but not on the actual PC itself. - The "Server" installation only installs the database on a PC (not recommended for server installation). The client PCs access this database. <p>Read the license terms, agree to them, and click INSTALL.</p>


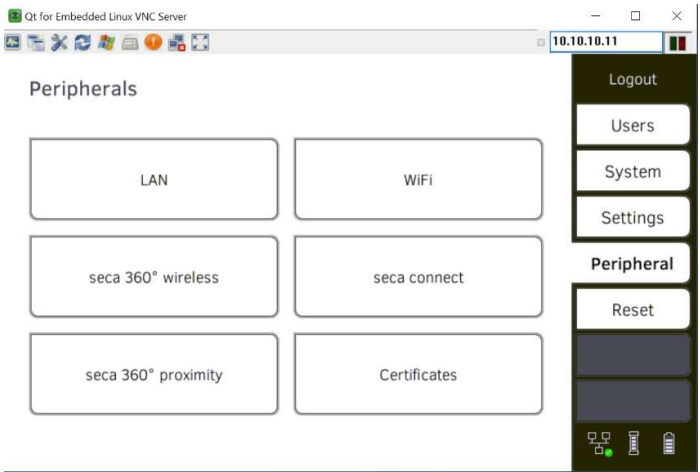
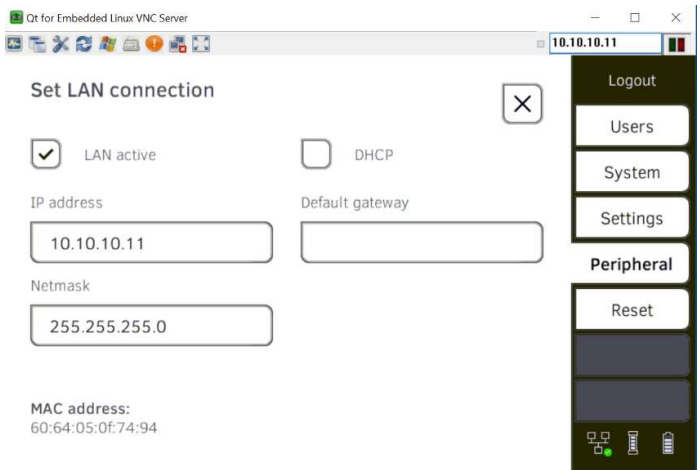
4	The software will be installed.	
5	After the software has been successfully installed, click RESTART. Some PCs may require confirmation that seca Software is making changes to the PC. If you see this communication window, please confirm to allow changes. The installation is complete.	

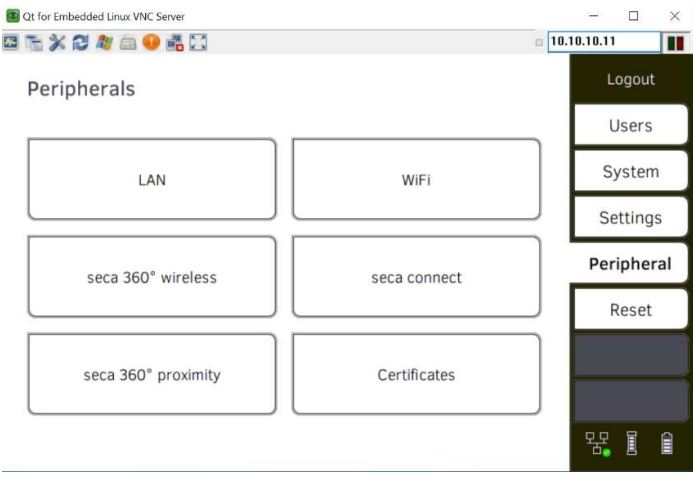
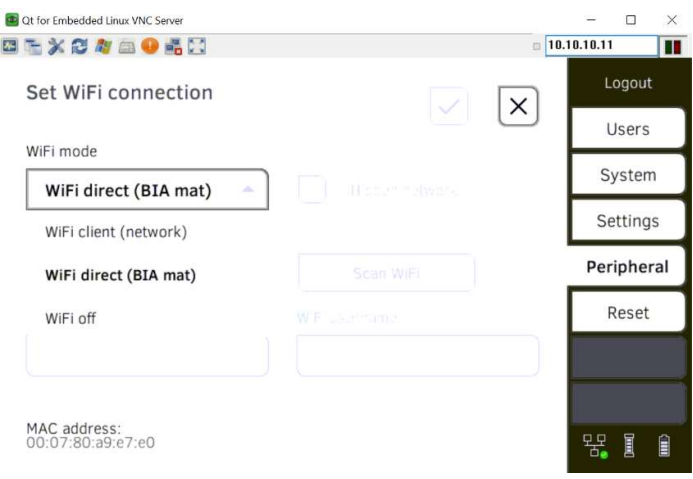
6	<p>Network configuration on the PC:</p>	<p>Here we show a configuration of the network settings using a seca analytics 115 full installation on a Windows 10 operating system and a direct connection between your mBCA device and the PC. The PC should always have a fixed (static) IP address assigned. There may be slight variations in other versions of Windows and/or network configurations.</p>
7	<p>Connect the network cable from the mBCA to the PC (adapter).</p> <p>Open the Control Panel from the search function in the taskbar.</p>	
8	<p>Open the Network & Sharing Center.</p>	
9	<p>On the left-hand side, open the "Change adapter settings" tab.</p>	
10	<p>Right-click the network adapter you want to configure. If you're not sure which adapter your mBCA is using, unplug the LAN cable (USB-LAN adapter) and check which adapter is missing.</p>	
11	<p>Click Properties.</p>	



12	<p>Highlight Internet Protocol Version 4 and click Properties.</p>	
13	<p>Under "Use the following IP address," enter the IP address you want to use. We recommend a simple IP, such as 10.10.10.10. However, you can also choose a different IP. Read more here:</p> <p style="color: red;">Link: IT disambiguation</p>	
14	<p>Now enter a subnet mask as well. Example: 255.255.255.0</p> <p>Other settings are optional, and you can save these settings.</p>	

<p>15</p>	<p>seca mBCA 525 / mVSA 535 settings:</p> <p>Connect the network cable to the PC or router and the mBCA. Press the ON/OFF button to turn on the mBCA. Log in to your mBCA 525 / mVSA 535 as an admin (password - if it hasn't been changed: 1357)</p>	
<p>16</p>	<p>If you have a new device, you must first follow these steps: Change the time and date. Log in as an admin with 1357 and immediately assign a new password (we recommend using the same password 1357) Log in again as an admin Set basic settings such as the language of the system and the user. Set units and input formats.</p>	
<p>17</p>	<p>Press the "Peripherals" button on the right side. Press the "seca connect" button.</p>	

<p>18</p> <p>Select the connection mode you want to use (stand-alone for using the mBCA without seca analytics 115 software, seca analytics 115 TCP or UDP for use with the 115 software). If you have assigned your PC a static (fixed) IP, please select "seca analytics 115 TCP".</p>		
<p>19</p> <p>Enter the IP address of the PC/server on which the database is located (server or complete installation) in the "Connect Server IP" field. In our example, the 10.10.10.10</p>		
<p>20</p> <p>Press the arrow icon at the bottom right to go to the next page. Make sure you've checked the box for automatic syncing.</p>		

21	Go back with the arrow in the bottom left corner and press the checkmark to save the settings.	
22	Press the "LAN" button	
23	<p>Select LAN Active. If your network is set up as DHCP, select DHCP. In our example, DHCP is off. Now enter an IP address for the mBCA. In our example 10.10.10.11 More information can be found here: Link: IT disambiguation</p>	
24	Enter the subnet mask of the PC/server that contains the database in the Netmask field. In our example, the 255.255.255.0	

25	Type Default Gateway (if you have assigned a Default Gateway) in the Default Gateway field. Press X to save the settings.	
26	Press the "WiFi" button	
27	Select "WiFi Direct" from the WiFi mode drop-down menu. Press X to save the settings.	
28	Note:	<p>This setting is used for Wi-Fi communication between the measurement mat and the mBCA, which is in line with the recommended workflow.</p> <p>For infrared communication (IrDa) between the measuring mat and the mBCA, select either WiFi off or WiFi Client. The Wi-Fi client allows you to connect your mBCA/mVSA to the computer via Wi-Fi (not recommended).</p> <p>This document does not describe how to establish a Wi-Fi connection between the mBCA and the computer.</p>

29	Now the connection between the mBCA device and the PC is complete.	
30	Here's a summary:	<p><u>Settings on the PC:</u> Fixed IP assigned to machine (10.10.10.10) Netmask: <u>255.255.255.0</u></p> <p><u>Settings on the mBCA device:</u> Fixed IP of the PC entered under menu item "seca connect" (10.10.10.10) Under menu item LAN only LAN checked and fixed IP assigned to the mBCA device 10.10.10.11, as well as netmask <u>255.255.255.0</u></p>
31	Network communication between the mBCA and the computer is established when the network icon appears in the lower right corner of the screen with a green tick (this can take up to 30 seconds).	
32	If the network icon is displayed, but the communication between the 115 software and the mBCA fails, a red cross or only the network icon is displayed.	
33	In this case, please check the firewall ports and any settings you have made.	