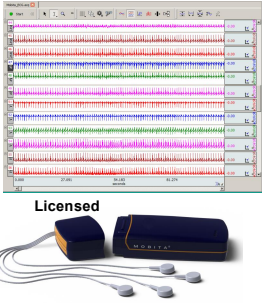


## AcqKnowledge 5 with Mobita Installation

	<ol style="list-style-type: none"> <li>A. Confirm compatibility and presence of Admin account</li> <li>B. Confirm WLAN configuration</li> <li>C. Install AcqKnowledge, Mobita drivers and network configuration, Bonjour Service</li> <li>D. Register</li> <li>E. Launch AcqKnowledge</li> <li>F. Authorize licensed feature(s)</li> </ol>
---	--

### A. Confirm compatibility

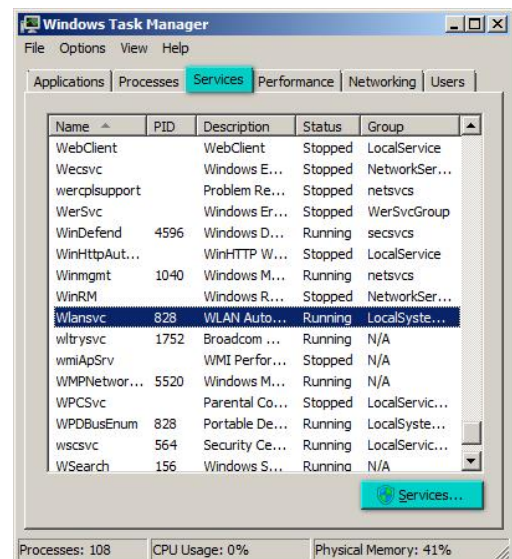
AcqKnowledge® 5 with Mobita is officially released for Windows 10, 8 and 7. Not supported in Windows Vista or XP.  
**IMPORTANT: An Administrator account is required to install and run AcqKnowledge with Mobita.**

- AcqKnowledge 5 with Mobita includes two BIOPAC License Keys, one of which must be connected to a USB port of the computer running AcqKnowledge. The black key includes the AcqKnowledge installer and licenses, while the blue key contains licenses only. Either key can be used to run the software following installation.
- **Windows OS only—DEP mode:** DEP (Data Execution Prevention) mode on the computer must be set to "Off" or "Option/Turn on DEP for essential Windows programs and services only," or AcqKnowledge may crash on launch.
- **LAPTOPS: Airplane mode must be turned off in order for adapter connection to be successful** (wi-fi must be enabled). Access to Airplane mode will vary depending on OS and manufacturer. See your laptop user manual for Airplane mode instructions.

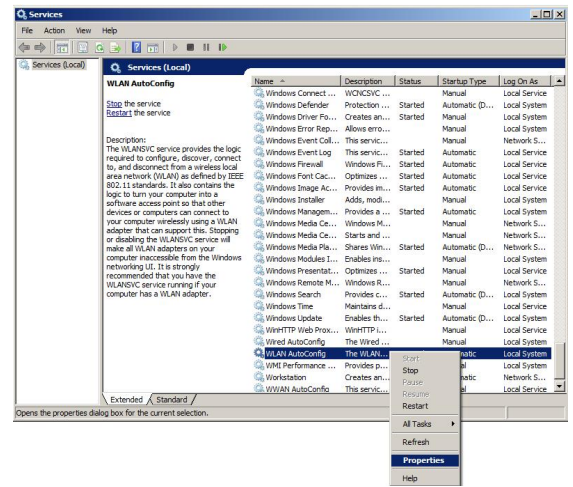
### B. Confirm WLAN configuration

In order to establish a successful connection between the Mobita WLAN USB adapter and the Mobita unit, the host computer's WLAN configuration must be set to **Automatic**. It is strongly recommended that this setting be checked prior to software/driver installation and adjusted if necessary. To check the WLAN configuration:

1. Press Ctrl+Alt+Delete to open the Task Manager.
2. Select the %S**ervices**+tab and scroll down the list to %W/lansvc.+
3. Select %W/lansvc+and click the %S**ervices**+button at bottom right.

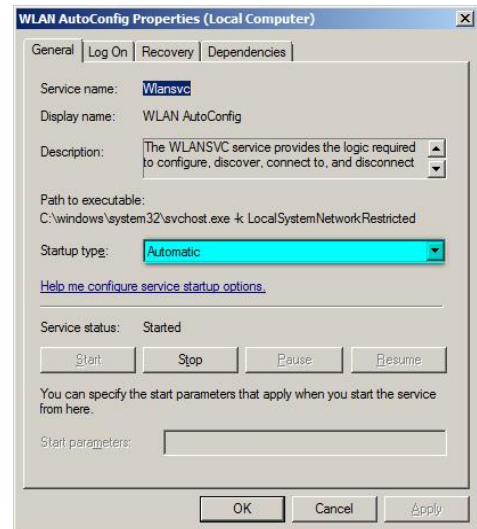


4. Scroll down to WLAN AutoConfig in the Services list.
5. Right-click on WLAN AutoConfig and select Properties.



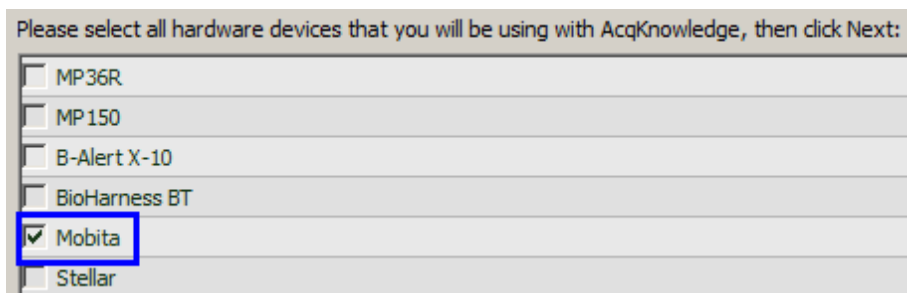
6. Set the WLAN AutoConfig Startup type option to Automatic.
7. Click Apply and OK.

If the Startup type is already set to **Automatic**, no modification is necessary. Proceed to Section C, **Install**.

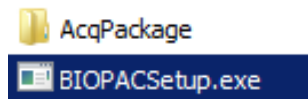


## C. Install

1. Connect the black AcqKnowledge installation dongle to a computer USB port. It will show up as a disk drive under Computer.
2. Launch the installer. (Browse the Key disk drive icon and click **BIOPACSetup.exe**.)
3. Select **Mobita** in the hardware device installation list and click **Next**.



4. Click **Install** and follow the AcqKnowledge installation prompts. (Accept the required licenses, set line frequency, select destination folder, and click **Finish**.)
5. In addition to AcqKnowledge software, the following components will be installed:
  - ASUS USB-N14 WiFi Adapter
  - TMSi USB Driver.
  - Mobita Network Configuration Utility
  - Bonjour Service for AcqKnowledge. (Bonjour is required to run AcqKnowledge).



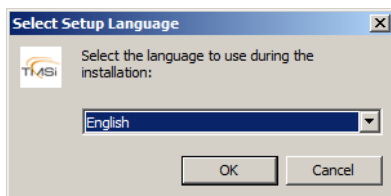
- Follow the prompts shown below to install Mobita drivers and Network Configuration Utility. Be prepared to connect the Mobita hardware and USB docking station when prompted.

### ASUS USB N-14 WiFi Adapter Installation Prompts

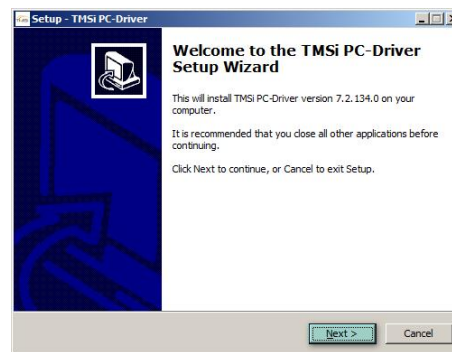


### Mobita Installation

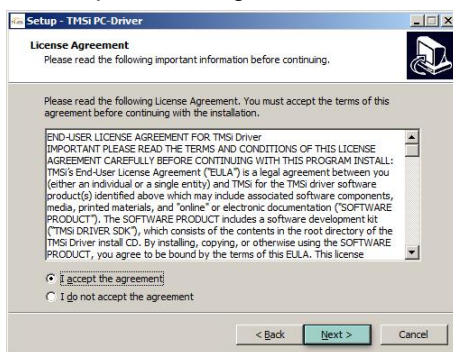
- Choose language setting.



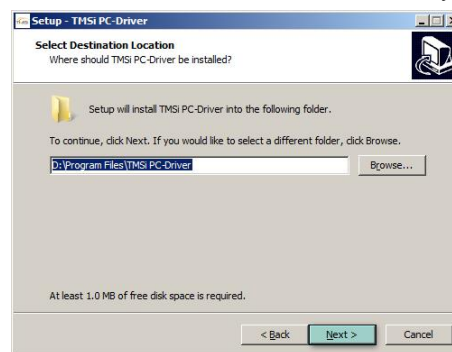
- Click **Next**.



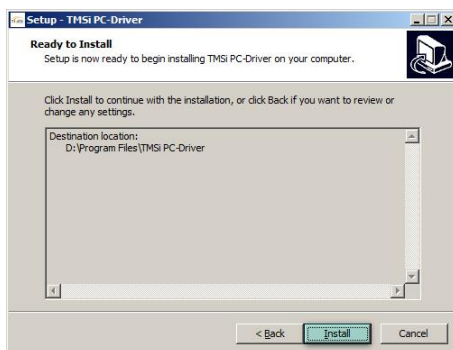
- Accept license agreement.



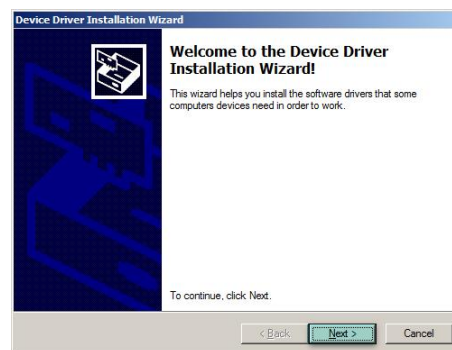
- Choose driver installation directory and click **Next**.



- Click **Install**.

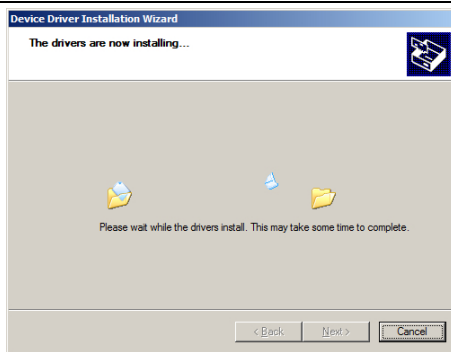


- Click **Next** in the Device Driver Installation Wizard.

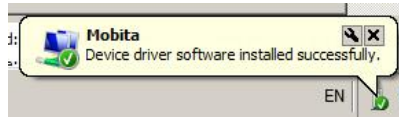


- Wait for drivers to install.

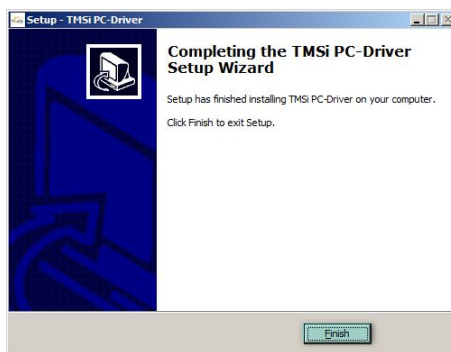
- Click **Finish**, connect Mobita unit to docking station, and connect docking station to USB port.



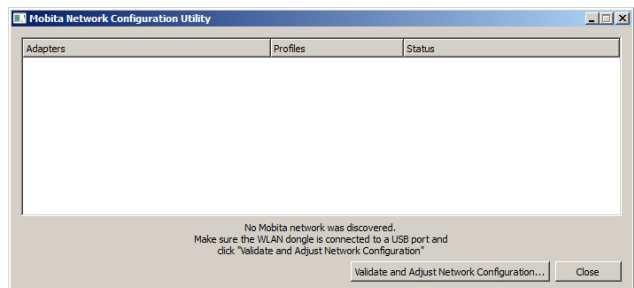
(The appearance of the following dialog in lower right of screen indicates successful driver installation.)



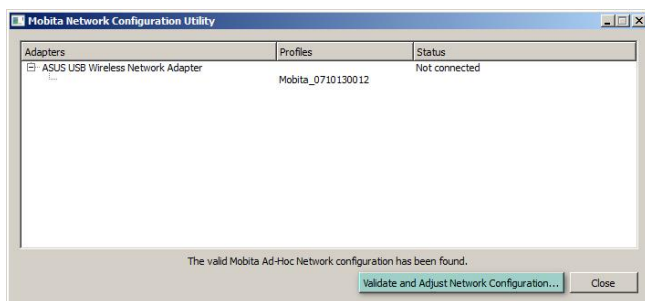
9. Click **Finish** to exit the Driver Setup Wizard.



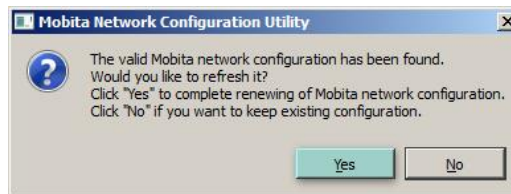
10. When the Mobita Network Configuration Utility dialog appears, connect the WLAN USB adapter to a USB port.



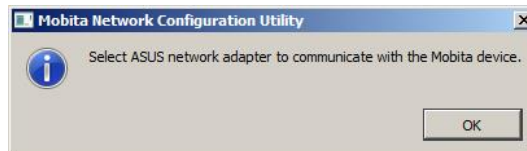
11. After connecting, the WLAN USB adapter status will appear. Click **Validate and Adjust Network Configuration**.



12. Click **Yes** to establish Mobita network configuration.



If the following message appears:

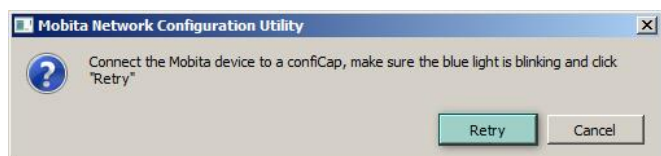


Re-select the WLAN USB adapter by clicking (highlighting) it in the Network Configuration Utility list, and repeat Steps 11 and 12.

13. Click **Yes** to confirm adapter communication.

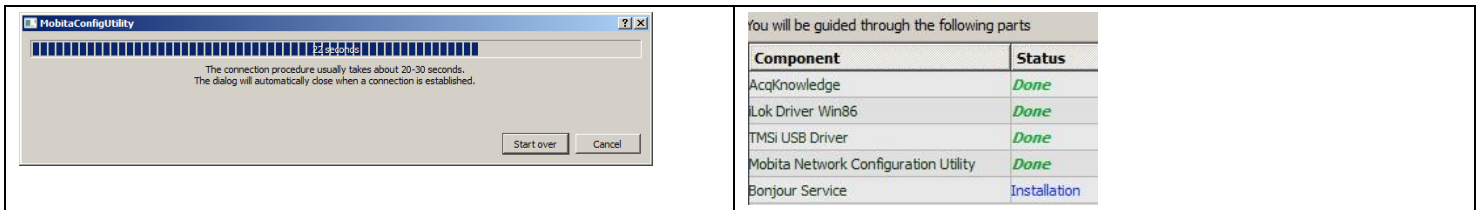


14. Remove docking station from the Mobita unit and connect the wireless ConfiCap. Wait until the blue light begins blinking before clicking **Retry**.

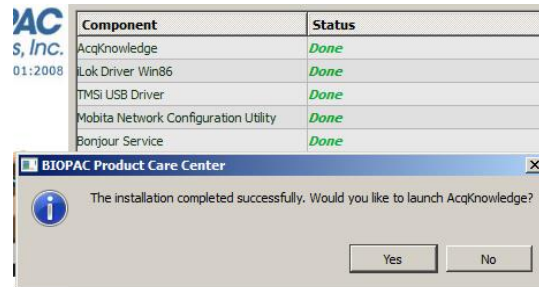


15. Wait for the wireless connection to establish (20-30 seconds).

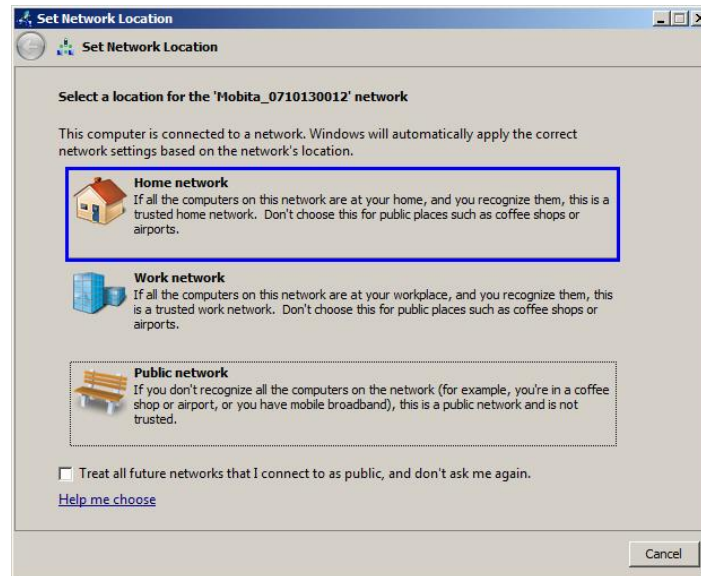
16. Close the Mobita Network Configuration Utility dialog and follow the Bonjour Service installation prompts.



17. The following prompt will appear when installation is complete.



18. If the following Network Location prompt appears, select the %Home+profile to avoid any unnecessary security limitations from being applied to the network.



### Default Locations of Installed Files:

The installer creates a BIOPAC program folder and installs the program icon, sample data files, graph template files, and User Support System (AcqKnowledge Software Guide and Hardware Guide).

Default locations are controlled by the Windows OS:

- **AcqKnowledge program:** Computer > Local Disk > Program Files > BIOPAC Systems, Inc > AcqKnowledge 5.x
- **User Support:** Computer > Local Disk > Program Files > BIOPAC Systems, Inc > AcqKnowledge 5.x > User Support System
- **Sample files (data and gtl):** Computer > Local Disk > ProgramData > BIOPAC Systems, Inc > AcqKnowledge 5.x > Sample Data
- **Preset files:** Computer > Local Disk > ProgramData > BIOPAC Systems, Inc > AcqKnowledge 5.x > Presets

### D. Register

Please complete registration online (or mail the registration card that was shipped with software).

Registration is required for support and to receive product updates. *For security reasons*, we recommend registering the License Key on the BIOPAC website.

### E. Launch

Connect the black or blue BIOPAC License Key to a USB port and launch AcqKnowledge

- Windows: Click the desktop icon or select the Windows "Start" button (lower left corner) > Programs > BIOPAC Systems, Inc. > AcqKnowledge 5.x.

## F. Authorize

Note that after authorizing:

- AcqKnowledge 5 will run only when a BIOPAC License Key (USB) is connected to the computer.
- If the License dongle is not connected, the following warning will appear:



Mobita® is a trademark of TMSi (Twente Medical Systems International B.V.)

## Troubleshooting

*Mobita is incompatible with Microsoft Virtual WiFi adapters created by VMWare Virtual Machine. If VMWare is installed and connection issues are encountered between AcqKnowledge and Mobita, the following steps are recommended:*

1. Exit AcqKnowledge.
2. Start > Control Panel > Device Manager.
3. Expand the Network Adapters list (click on %).)
4. Locate any Microsoft Virtual WiFi Adapter items.
5. Right click on the item and select %Uninstall.+ (Repeat this for all Microsoft Virtual WiFi Adapters.)
6. Restart AcqKnowledge and check Mobita connection.

*ASUS USB WiFi Adapter is no longer recognized following application of Windows Update. Use the following steps to restore the connection:*

1. Verify that all Windows Update operations have been completed (computer reboot, etc.),
2. Uninstall and reinstall the ASUS WiFi Adapter Driver by re-running the AcqKnowledge installer sequence shown on page 2. After re-installation, adapter should resume normal operation.