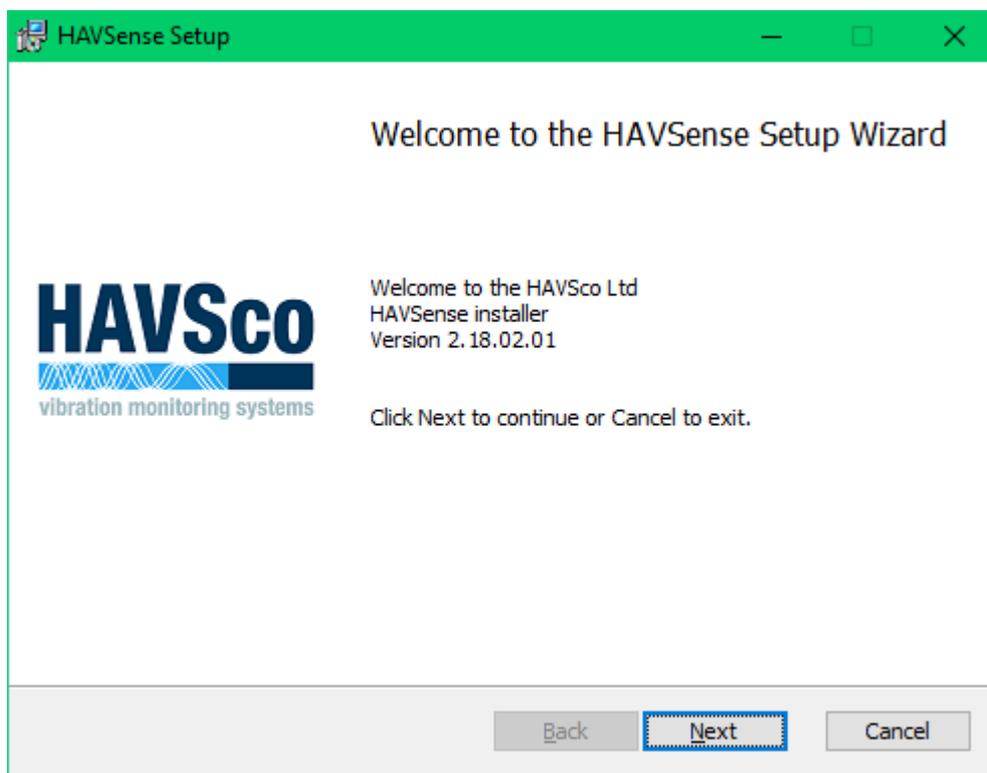


Installing the HAVSense Software.

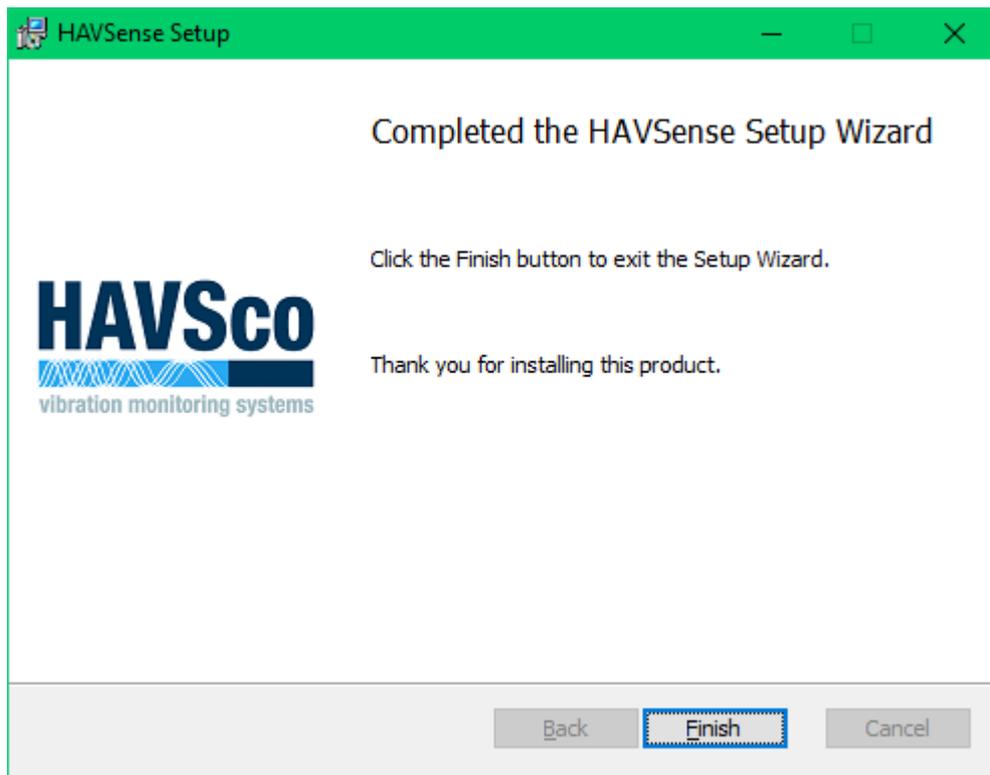
Requirements before installing the Software.

The host machine should be running at least Windows 7 64 bit Service Pack 1 and later operating system. The machine should also have Microsoft's ".NET" framework installed of version 3.5 or higher. A PDF file reader such as Adobe Reader is also required to read the HAVSense Manual. The help files accessible from within the software require a default html browser to be installed. The Software requires access to the C:\ProgramData\HAVSense directory where it stores data files. The software also has the ability to copy some of these files to a network drive for backup of the user data files. This network has not been tested in all network environments but has been tested with linux and windows servers operating with clients on windows based machines. If a previous version of HAVS software exists on the PC then it must be un-installed prior to loading the new version. Please refer to the HAVSense Software Removal instructions covered later in this document for details on how to un-install software. New or upgraded software may be provided on a memory stick or it may be downloaded from the HAVS Co website (www.havSCO.co.uk). On the memory stick there will be the main application installation files and the USB device driver files. First install the USB device drivers, you will need to run "DeVaSys_Usb12cIo_Drivers_x64.msi". Follow the on-screen prompts. Once the USB driver has been loaded into the Windows repository for drivers you can now power up and plug in the Havsdock USB lead. This will cause Windows to load up a driver instance for the USB port that you have connected to. You can now load the application. There will be a folder containing the following HavSense.msi. Now double-click the HavSense.msi file and take the default options for the installation.



After you have selected the parameters for the software and clicked the "install" button. You may be prompted by windows "Do you want to install the HAVSense software", if you do not have sufficient access rights you will have to contact your IT department for guidance.

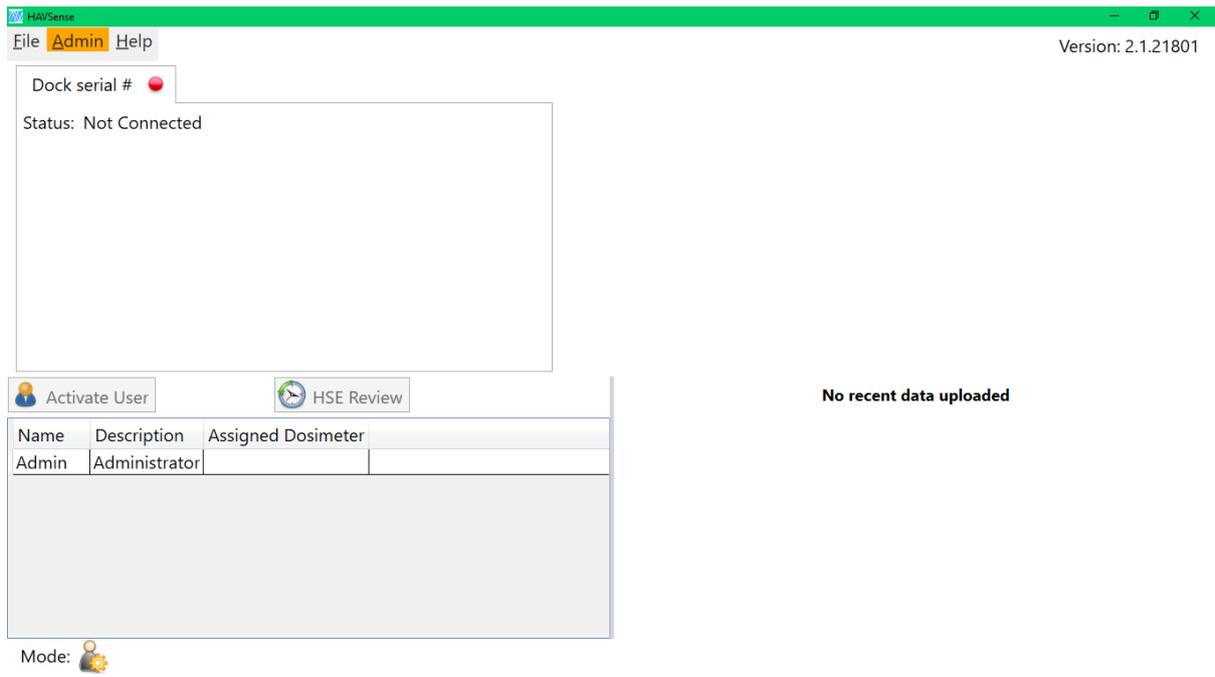
When the software has finished installing you will be greeted by the following message.



To run the software after installation, you should have a new icon on the desktop, "HAVSense" program.



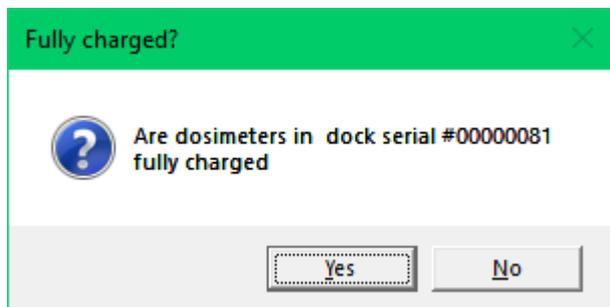
Double click the "HAVSense" program icon on the desktop, this will run the main application, it will search for connected Docking stations. If no docking stations are found it will put up a message in the main program pane.



Check the USB connections and that the Docking station has power. As docks are connected and powered up they will be detected and automatically appear as a new tab on the screen You can now proceed with setting up the initial settings for Users and Dosimeters.

Note that the software can be used in the Not Connected / offline mode for viewing of data files and creation of reports. On launching the application, the user will be prompted as to whether the docking station had been left charging:

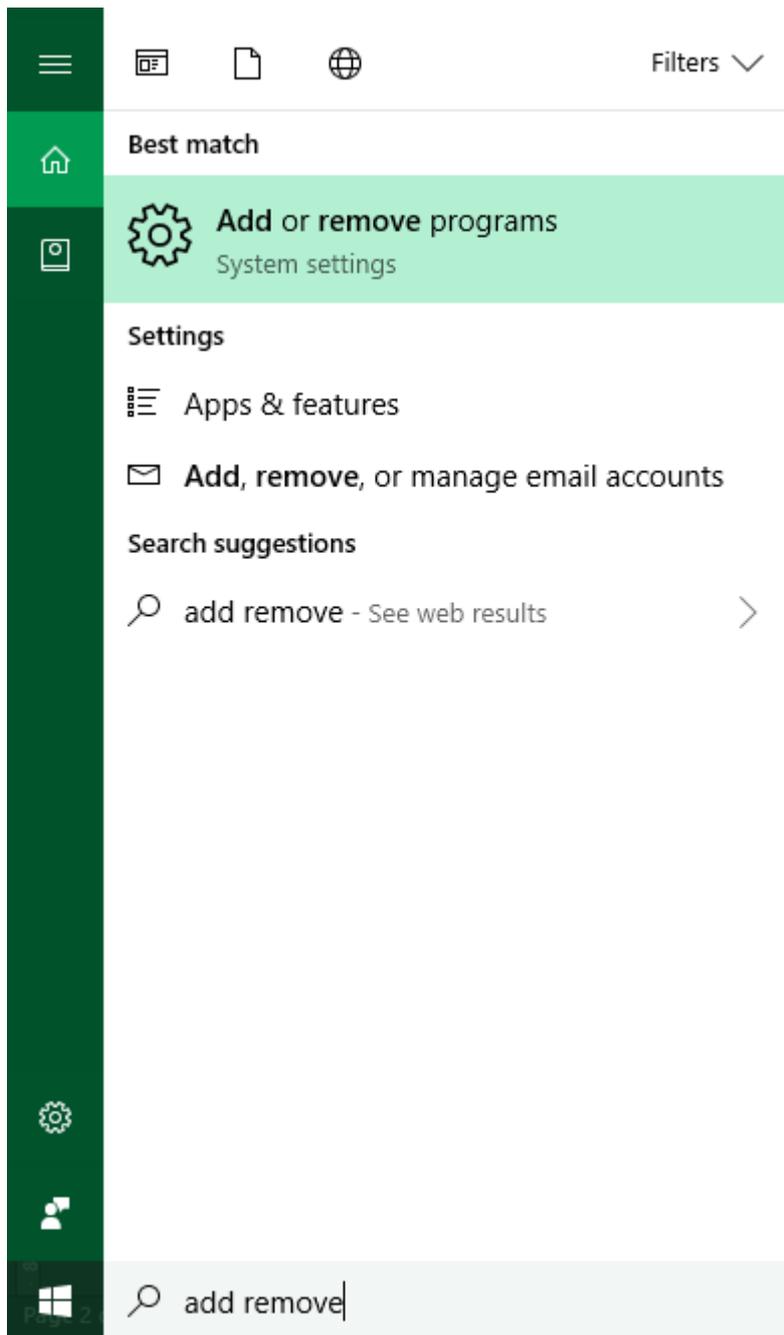
Prompt for dock condition



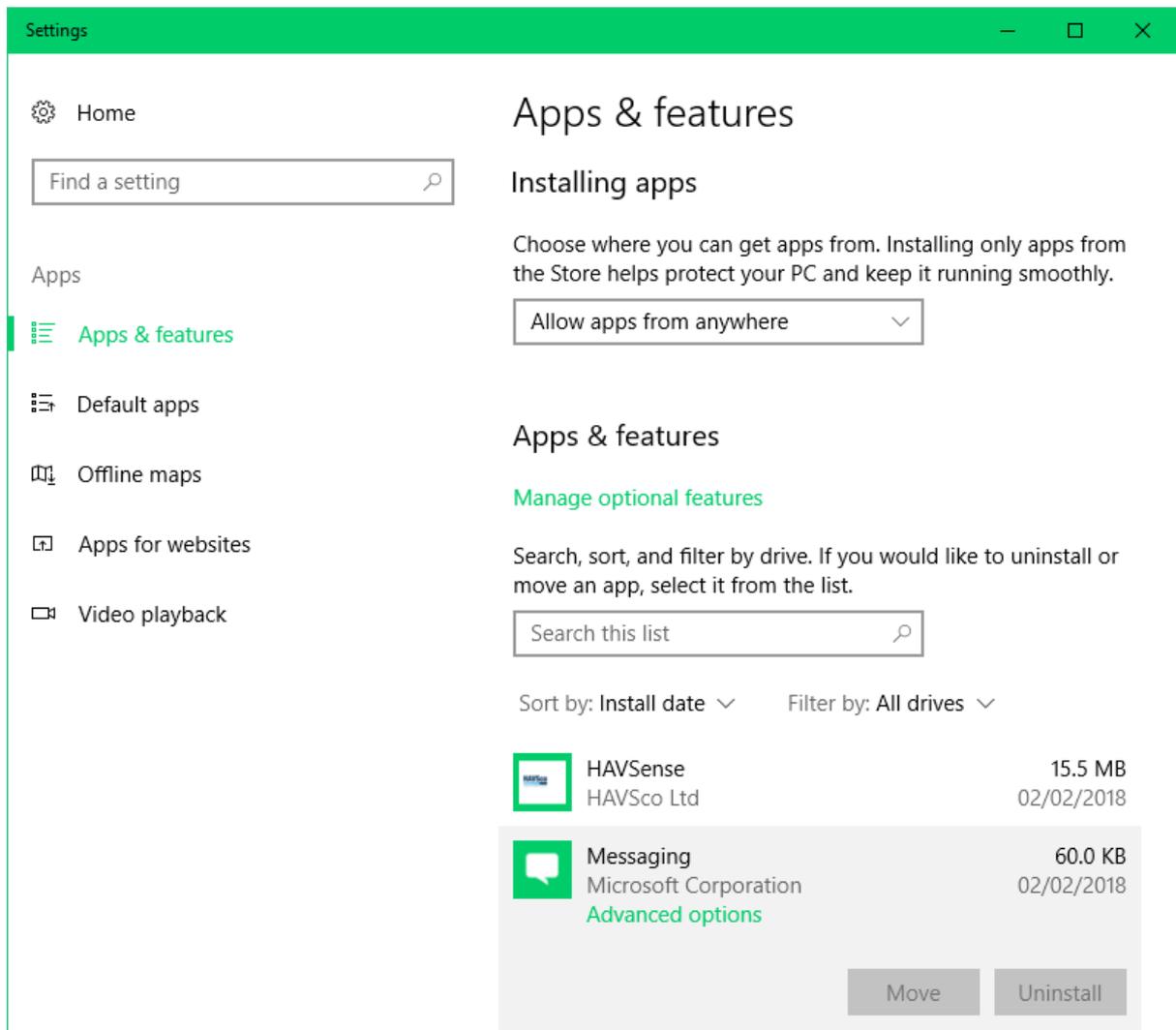
This allows the application to estimate the change in the battery charge status for the dosimeters while the application was turned off.

Removal of application software.

The HAVSense software must be removed from the computer if an updated version of the software is to be installed. Removing the software application does not remove any user data created in the normal use of the software, so any stored data files will still be available for the updated software to use. First you need to find the “Add / Remove Software” from the Windows control panel. If you type “add remove” into the search dialog box, windows will list related programs.



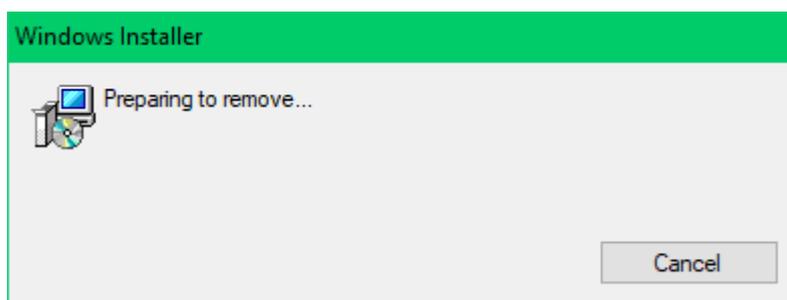
Run add/remove programs.



The “Add or remove programs” application will take a little time to populate a list of installed programs on your PC. You will then need to select the program listed as HavSense from the list of programs.

Now select HAVSense then click Uninstall.

You will be asked to confirm that you wish to Uninstall the software.



Once the Windows Installer (the application being used to remove the software) has initialised it then collects information about the files it is about to remove.

You may be asked to confirm that you wish to remove the software after which the software is removed and you will be returned to your normal Desktop.

If you do not have sufficient access rights to remove the software you will get a message and you will need to contact you IT department for further information or instruction on how to remove the software.

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