

System requirements

Operating Systems supported (32 bit and 64 bit)

- MS Vista (and SP1, SP2)
- MS Windows 7 (and SP1)
- MS Windows 8 (and 8.1)
- MS Windows 10

A computer not complying with the correct system requirements result in poor performance of Teledyne PDS or even malfunctioning of the software.

Always check the latest system requirements. System requirements are available on the Teledyne PDS website. [Download system requirements](#).

The minimum requirements apply for low data consuming / processing applications such as dredge and single beam applications.

Preferred requirements apply for high data consuming / processing applications such as multibeam and side scan sonar applications.

Contact Teledyne RESON if in doubt.

Minimum requirements	
CPU	Modern Hyper Threading processor (we propose minimum 4 threads); or equivalent multi core processor
Monitor	single monitor system with minimum 1024 x 768 resolution
Graphic card	OpenGL 3.30 support and 1Gb of memory e. g. NVidia GeForce GTX 7xx
Internal memory	4 Gb
Hard disk *	1 x 500 Gb minimum
DVD writer	
Multi serial I/O	

Preferred requirements	
CPU	Modern Hyper Threading processor (we propose minimum 8 threads); or equivalent multi core processor
Monitor	Dual monitor system with both minimum 1024 x 768 resolution
Graphic card	OpenGL 3.30 support and min. 4Gb of memory e. g. NVidia GeForce GTX 10xx or NVidia Quadro K4xxx
Internal memory	8 Gb
Hard disk *	Raid 0 hard disk system for data storage, min. 1 Tb (Preferred a SSD type of hard disk)
Multi serial I/O	
Network	Gigabit Ethernet (1000 Mbps)

Download Teledyne PDS

Sign up to the Teledyne PDS download section of the Teledyne PDS website <http://www.teledyne-pds.com/download/login/>

Download the latest Teledyne PDS version.

Welcome to the Teledyne PDS download section

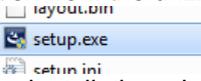
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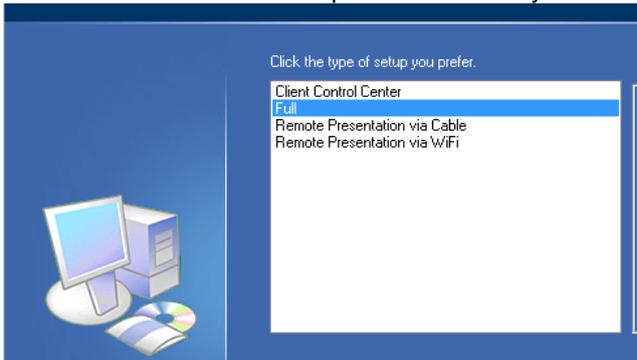
-  [Download Teledyne PDS 4.1](#)
-  [Download Teledyne PDS LiteView](#)

The latest Teledyne PDS version is always uploaded to the download page.

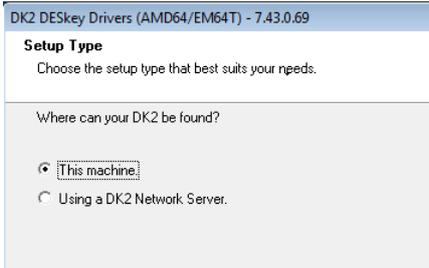
-  [Adobe Acrobat Reader \(26.1 MiB\)](#)
-  [Readme x64 \(721 B\)](#)
-  [Readme x86 \(769 B\)](#)
-  [Teledyne PDS 4.1.6.7 X64 \(471.6 MiB\)](#)
-  [Teledyne PDS 4.1.6.7 X86 \(450.4 MiB\)](#)
-  [Teledyne PDS Release Notes \(2.1 MiB\)](#)
-  [Und Min1x1 Egm2008 Isw=82 WGS84 TideFree SE \(771.3 MiB\)](#)
-  [PDS Demo Projects](#)
-  [x64 - CMap](#)
-  [x86 - CMap And Tresco](#)

Install Teledyne PDS

1. Unzip the downloaded Teledyne PDS version.
2. Open from the unzipped files the **Setup.exe** application.

3. The installation wizard opens.
4. If the Microsoft Visual C++ Redistributable file is missing or need an update, the Installation wizard will ask to install the file(s). Install these files and continue. The Install wizard will ask to reboot the computer. Reboot the computer and run the **setup.exe** file again.
5. Press the **Next** button to run through the wizard.
6. Select **Full** to install all components of Teledyne PDS.



7. The wizard installs DK2 software. Select 'This machine'.



8. Click Install to continue the installation of PDS and click Finish.
9. Teledyne PDS is installed in the default folder C:\Program files\Teledyne\PDS Vx.x.x.x
A shortcut is automatically created on the desktop

Dongle

Teledyne PDS is protected by a dongle key. The dongle determines which PDS functions are available for the user. PDS distinguishes Hardware dongles and Software dongles.

Hardware dongle

1. The hardware dongle is a USB type of dongle.
2. Insert the PDS Hardware dongle in a USB port. It might be necessary to update the dongle before it can be used for the downloaded PDS version.

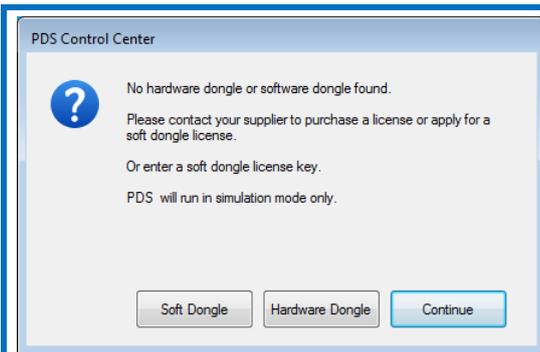
Software dongle

1. The software dongle is a code received from the Teledyne PDS sales department. It can only used for a short period.
2. Start PDS and select **Soft Dongle** from the dialog if PDS is started for the first time or select from the PDS Control Center **Help – About Control Center**.
3. Enter the dongle code. The mail with the code can be dragged and dropped in the **Enter Soft Dongle** box.

Requesting a dongle is from the PDS Control Center **Help** menu.
Select the Request **Soft Dongle Trial license** menu option.
The license only works on the computer from which it is requested.

Starting Teledyne PDS

1. If applicable, insert the PDS Hardware dongle in a USB port of the computer.
2. Open the Teledyne PDS shortcut 
3. A dialog opens if no valid dongle is found:

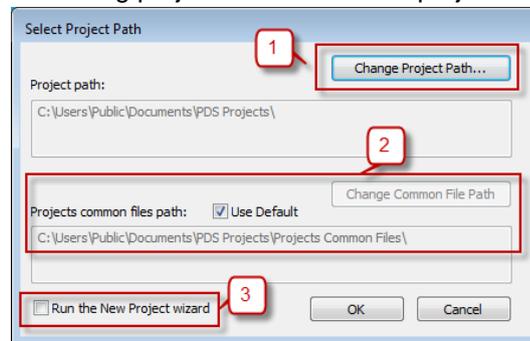


Select:
Soft dongle. Soft dongles are requested from the PDS Control Center and used to test PDS for a short period. Press 'Soft dongle' to enter the received code.
Hardware Dongle, if the USB Hardware dongle is used. Press 'Hardware Dongle' to update the dongle if expired.
Continue, to continue without dongle to evaluate PDS. Teledyne PDS run in simulation mode.

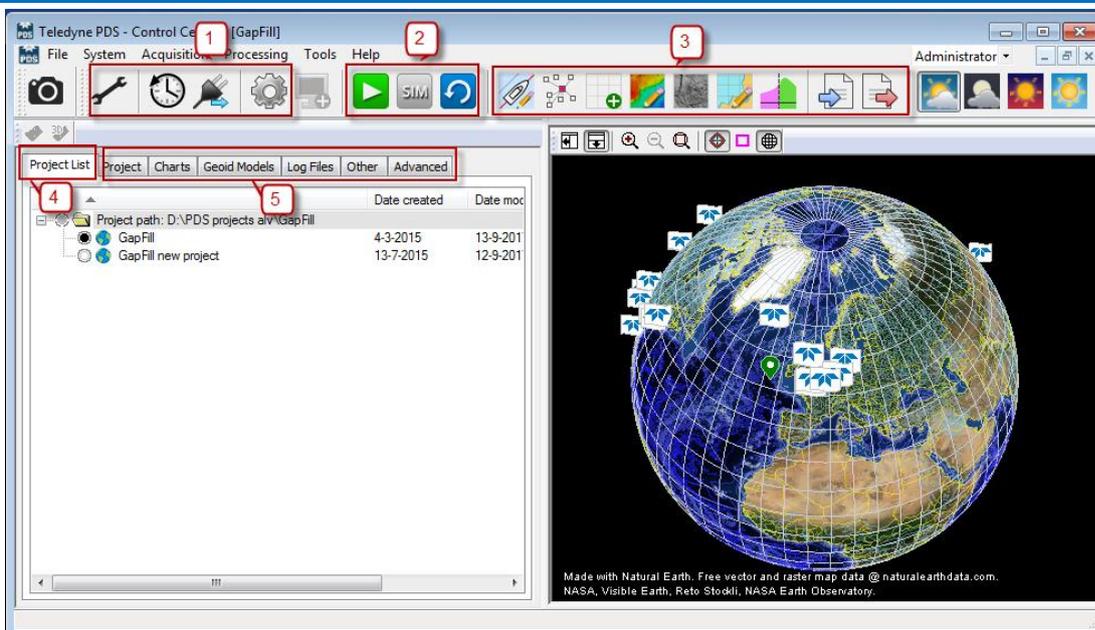
Select the project

Teledyne PDS only opens if a valid PDS project is selected. Demo projects can be downloaded from the PDS download site. <http://www.teledyne-pds.com/download/download-teledyne-pds-4-0/>
 A dialog opens if no project is selected. Browse to an existing project or create a new project:

1. Browse to the PDS project.
2. Browse to the correct Projects common files path
3. Select the 'New Project' checkbox to create a new project.



PDS Control Center



1. Manage the project configuration.
2. Start the Acquisition.
3. Start other PDS applications.
4. Select another project from the PDS Explorer.
5. Manage the project and PDS files from the PDS Explorer.

Resources

Teledyne PDS documentation is included in the installer. C:\Program Files\Teledyne\PDS\X.x.x\manuals
 The documentation includes Release notes, Product manuals, Sensor setup manuals, Technical notes and Quick reference cards. From the PDS Control Center **Help** menu the manuals folder can be opened. Documents can also be downloaded from the Teledyne PDS website. Watch the Teledyne PDS instruction movies at <http://www.teledyne-pds.com/how-to-video/>