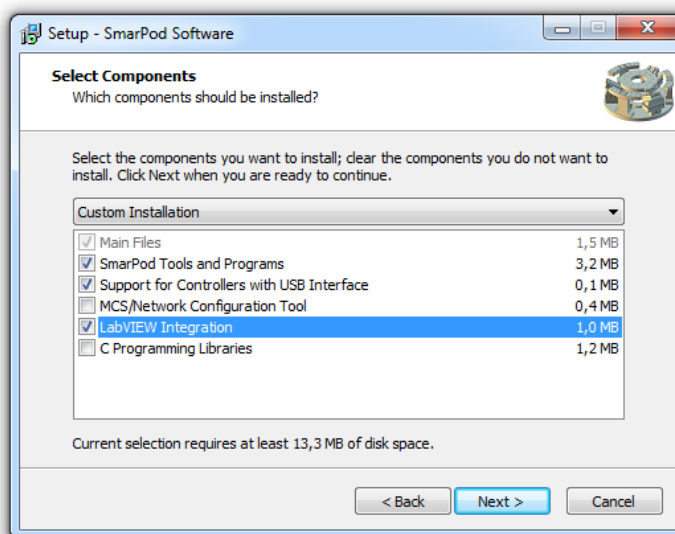


SMARPOD SOFTWARE INSTALLATION GUIDE

Installing the Software

On the **SmarPod Software CD** you will find all software needed to use the *SmarPod* and to develop your own software.

To start the installation run **SmarPod_Installer_x.y.z.exe** (where x.y.z is the version number of the installer). Select the location for the *SmarAct* software folder where most of the files will be installed (default is C:\SmarAct). Select the components you want to install (see below). In the installer you can select different software components:



If you select the *SmarPod Tools and Programs*, the *SmarPod Controller* application is installed which allows to move the SmarPod manually. The installer will show a warning that you must install the *LabVIEW Runtime Engine* to use the software. You can find the installer on the CD. If a LabVIEW 2011 development system is installed on your PC the *Runtime Engine* doesn't have to be installed.

Support for Controllers with USB Interface is selected by default. If selected, support for communicating with MCS controllers over USB cable will be installed.

For developing applications with LabVIEW select *LabVIEW Integration*. If more than one LabVIEW version is installed on your PC you can choose the version to install the LabVIEW commands in one of the next steps. To install for additional LabVIEW versions just run the installer again and select another LabVIEW version (the other software doesn't have to be installed again).

Select *C Programming Libraries* to install libraries, DLLs and header files needed to write your own programs in C or C++ or other languages that are compatible with the programming libraries.

If the SmarPod software installer was started from the SmarAct software CD and *Support for Controllers with USB Interface* was selected in the component selection, the installer asks if the 3rd-party *Usb-To-Serial* driver installer should be executed after the main files have been installed.



The driver is required if you have SmarAct hardware with a USB interface but it has to be installed only once, not with every update of a SmarAct software. You can skip the driver installation by unchecking the checkbox. The driver can be installed manually by running the program *CDMxxxx_Setup.exe* in the *Drivers* folder on the software CD.

The graphical SmarPod Controller program supports certain 3D mice. The 3D mouse driver installer can be started after the installation of the main files, if the SmarPod installer was started from the software CD. The driver installer can also be started manually from the CD.

Installing Precision Tool Commander (PTC)

Optionally the *Precision Tool Commander* (PTC) program can be installed, which is a graphical user interface for controlling positioners. PTC must be installed with the installer **PTC_Installer_x.y.z.exe** which can be found on the software CD.

Where the Software is Installed

The **SmarPod folder** is inside the **SmarAct folder** which you have selected during installation. The default location of the SmarAct folder is *C:\SmarAct*.

The Programs folder contains the **applications** like the SmarPod GUI software.

All **documentation** is installed in the *Documentation* folder in the SmarPod folder.

If the SmarPod LabVIEW integration was selected the **SmarPod LabVIEW commands** are installed in the LabVIEW program folder and can be selected directly from the LabVIEW commands palette.

The **LabVIEW programming examples** are installed in the folder *SmarAct\SmarPod\LabVIEW\Examples*.

The **C/C++ programming files** are installed under *SmarAct\SmarPod\SDK*. The path is defined in the environment variable *SMARPOD_SDK* which can be used in development tools to find the SDK folder.

The installer creates shortcuts to programs and documents in the *Start* menu.

Removing the Software

In the *SmarAct* software folder you can find an uninstaller program in *SmarAct\SmarPod\Uninstall* which removes all SmarPod software from your disk. Other SmarAct software is not removed with the SmarPod uninstaller. Use the uninstaller for the other software to remove it.

