

Install Tani Software

Windows

Under Windows all software comes with an installer which is an executable program. You can start it directly. If You update an installed Tani product it will uninstall the previous version automatically and replaces it with the actual one. All user configuration setting will be preserved.

A reboot will be requested in these conditions:

- The running software can not be stopped. This may be true if an other running program uses the software.
- Some parts of the software can not be removed because other software holds them open.
- A program uses the directory holding the software.

A hint: If You uninstall the software separately and try installing them again it will request a reboot always.

Optionally you can ignore the reboot request. This is always at your own risk. Possibly required files can not be installed. The installed software may not work as expected.

Why a reboot is required after uninstall: The uninstall program can not be deleted by itself because it runs. Windows uses random generated file names in this registry key. So the installer cannot check if the reboot will be required or is optional.

The installation depending on your Windows patch level may start its internal update. This does not rely on software from Tani GmbH. If Windows will request updates it will do so. During the Windows update an internet connection is required. The installation process will need additional time until the update is finished. More information is available in the Windows Update.

For special environments it can be necessary running the OPC server or the PLC Engine not as a Windows service. We have a special documentation [doing this](#).

Linux

PC

Linux requires the executable bit set in the installer.

Please set the execute bit.

In a command line enter: `chmod u+x <installation file>`

As security Linux does not start a program in the current directory. You need give an additional path. The actual path fixes this.

Example: `./<installation file>`

If You are using a graphical frontend as KDE it is easier using a file manager like Krusader. You can start the install scripts directly, Krusader does the necessary things for You.

The configuration uses QT5 and Frameworks5 (KDE). Required is QT 5.6 or newer.

- Suse provides this with version Leap 42.1 or newer
- Kubuntu provides this from version 16 (version 15 is not supported).
- Ubuntu 16.04 and 17.04 requires the Backport-Repository "ppa:kubuntu-ppa/backports"
(Type "`sudo add-apt-repository ppa:kubuntu-ppa/backports && sudo apt-get update`" on a command line).
Newer Ubuntu releases already have a QT library that is new enough.
All required libraries are installed by typing "`sudo apt-get install plasma-desktop`" on the command line.
If the program does not start behind please use Kubuntu instead of Ubuntu.
- CentOS: `yum install kf5-plasma`
From version 7 additionally the packet `kf5-kdelibs4support` need to be installed also.

Other dependencies:

- (up to PLC Engine 1.8.x) `openssl` (version 1.0.0 or newer). Later versions are shipping the ssl libraries.
- (up to PLC Engine 1.8.x) `libz`. Later versions are shipping the libz libraries.
- `xdg-utils` (required for setup of Tani configuration)

To install them, use the commands on the command line:

- "`zypper install <packet name>`" (for Suse distributions)
- "`sudo apt-get install <packet name>`" (for Debian- and Ubuntu-based distributions)

Raspberry, Odroid and compatible embedded devices

The web configuration bases on the Lighttpd Web Server. As standard it will not be installed.

Install it with

```
sudo apt-get install lighttpd
```

The software works without this web server, too. Use the configuration software for Linux or Windows on Your PC.

W&T pure.box3 and pure.box5

The pure.box is using a text based installer.

Put the installer to the device using ftp.

Start a ssh connection to the device.

Set the installer executable with "chmod u+x [filename]".

Execute it with "./[filename]".

After installation the software must be set started by the environment from W&T.

Select the file "userfiles/programs/plcengine/purebox_firmware_start.sh".

Press on the edit button on the left. Press "Create options". Check the "At system startup" and "Program".

Phytec Regor

The Phytec devices are using a text based installer.

Put the installer to the device using ftp.

Start a ssh connection to the device.

Set the installer executable with "chmod u+x [filename]".

Execute it with "./[filename]".

For the Regor devices a special software exists. It allows overlapping networks.

This is important on two networks which are using the same subnets.

This software is designed to security.

It removes all users and services which Phytec ships on the standard software for this devices.

For the protection against unauthorized installation (and the denied access th the system) a command line parameter is needed.

```
./DeviceSetupRegorInstaller-[Version]-arm -fwininstall
```

or

```
./DeviceSetupPlusRegorInstaller-[Version]-arm -fwininstall
```

Later a firmware update can be done with the graphical configuration software.

The change from a firmware without and with the integrated web server can be done with the command line only.

Imprint

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