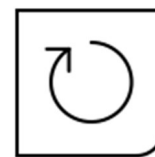


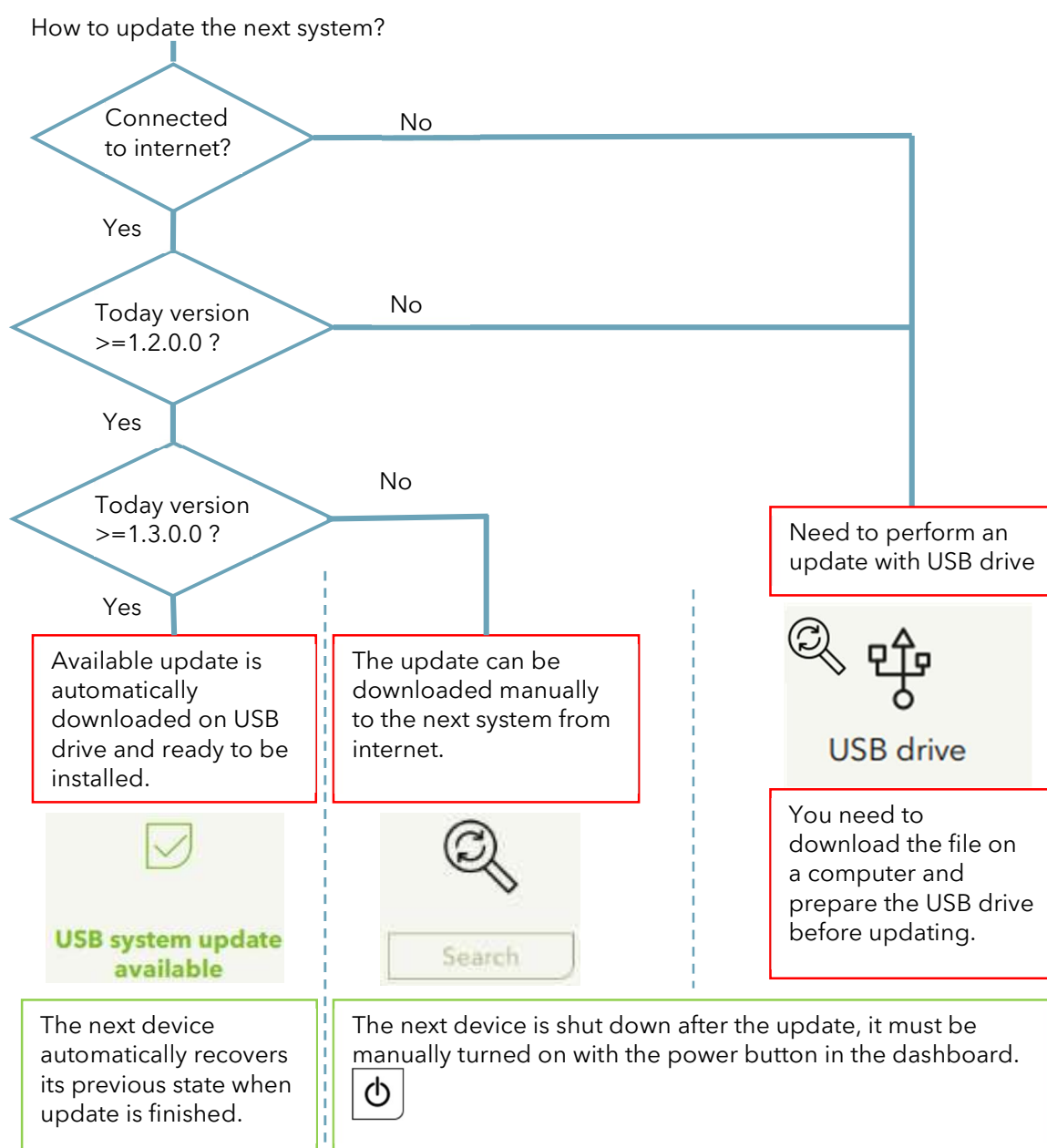
3.3.2 Update



3.3.2.1 Notes on software update

This part describes the update of the next system (inverters, nx interface and accessories) using the nextOS interfaces. Note that all next devices connected together need to be updated to the same version in order to function together. Therefore, you need to update the devices before starting the setup of the devices using the configuration wizard.

The availability of internet connection and usage of a recent version of the next devices allow for an easier update of the system. Systems with older versions or without internet connection require the use of the USB drive. First determine in which case you are:

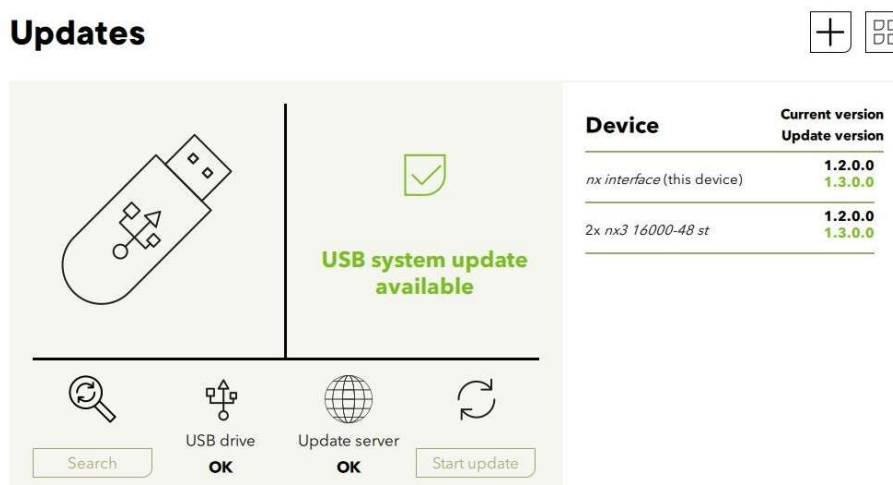


If you need to prepare the USB drive in advance, perform the following steps before starting the update procedure:

- Remove the USB drive from the next device, by first ejecting it properly (button in "Monitoring" page)
- Download the latest software version from our website: <https://www.studer-innotec.com/downloads/> in the Downloads section.
- Unzip and copy the correct .stub file from the zip file to the root of the USB drive :
 - For nx-interface gateway: the file to copy is named "next_vX.X.X.X.stub"
 - For internal gateway (e.g. nx1 device): file name "next_ultralite_vX.X.X.X.stub"
- Make sure that the copy process is finalized, then eject the USB drive properly to avoid any file corruption issue.
- Remove the USB drive from the computer and insert it back into the next device.



3.3.2.2 Update procedure

- Open the Updates page:



- Once the USB drive is shown as "OK", click on the "Search" button to make sure that the most recent update (from internet or from USB) is loaded
- Once the process is complete, the current version (in black) and the available updates (in green) can be seen on the right side.
- Click on the "Start update" button to start the update process. Confirmation will be requested since the update process will imply a system restart with a power cut.
- Once the process is complete, the device functioning will restart automatically. If the start version (shown in black before update) was lower than version 1.3.0.0, the functioning needs to be started manually, using the ON/OFF button of the Dashboard page.

The USB drive must not be removed until the end of the updating process. If for some reason the updating process is interrupted, restart it to let the process finish.

	<p>The updating process can take between 3 and 15 minutes. NEVER disconnect the battery during an update. During this process, the installation is stopped, and the AC power supply is interrupted. Choose the proper moment to process an update.</p>
	<p>The USB drive presence is mandatory even for the internet update, as the files are downloaded on the USB key. Always keep the provided USB key on your next device and always make sure that there is only one USB drive in your next device.</p>

3.3.2.3 During and after the update

When starting the update, you will see a message explaining that the system will restart during the process. Please be aware that the next device will turn off and on during the update process.

If you update from version 1.3.0.0 or later to a higher version, the next device will recover its initial state, that means the inverter will restart automatically if it was ON before launching the update. In any case there is a short interruption of the power supply to the AC-loads. If the device was stopped before the update, it will stay OFF after update.

Before version 1.3.0.0, the next device is always stopped for the update and a manual start is required, using the front button (2 seconds), or the "ON/OFF" button in nextOS.

In older versions (< 1.1.0.0), the update is performed in many steps: first the gateway is updated and then you must press again on the "start update" button for the next devices. After version 1.1.0.0, all updates are performed automatically one after another.