

How-To-Do

PPC with WES7 – Image Update

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1 Allgemein

1.1 Information

This 'How-To-Do' describes how you can update a Panel PC with the operating system WES7.

In this document you find the steps to update the PPC. For this procedure you need a USB stick with min. 4GB.

1.2 Reference

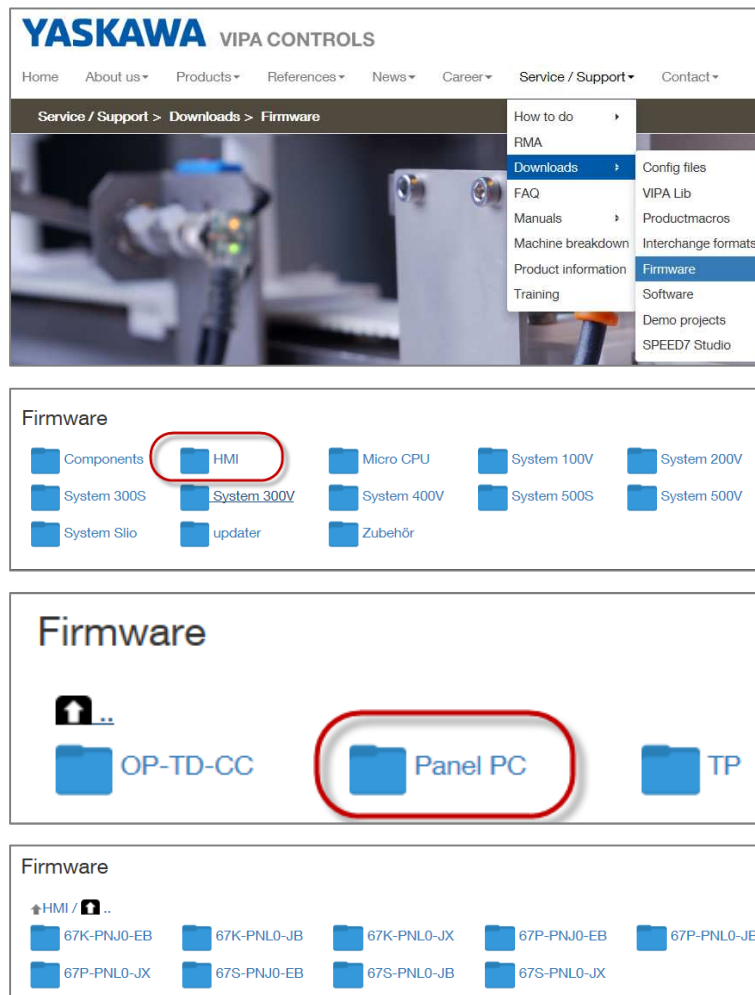
In this 'How-To-Do' the principal procedure is described by means of an example.

Liability for material defects and defects of this documentation, especially for the correctness, accuracy, freedom and protection of third party rights, completeness and / or usability - except for willful misconduct or bad faith - is excluded.

2 Preparation for the image update

2.1 Download the image file

Open the homepage www.vipa.com and switch to the Service/ Support area. Here you find the download area for firmware. Search the right image for the PPC you have to update. Download this image and unzip it on your PC (not on the Yaskawa PPC).



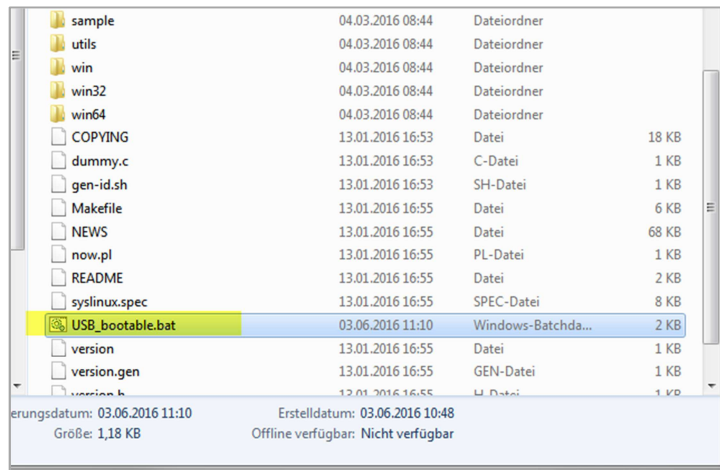
For example: 67K-PNL0-JB



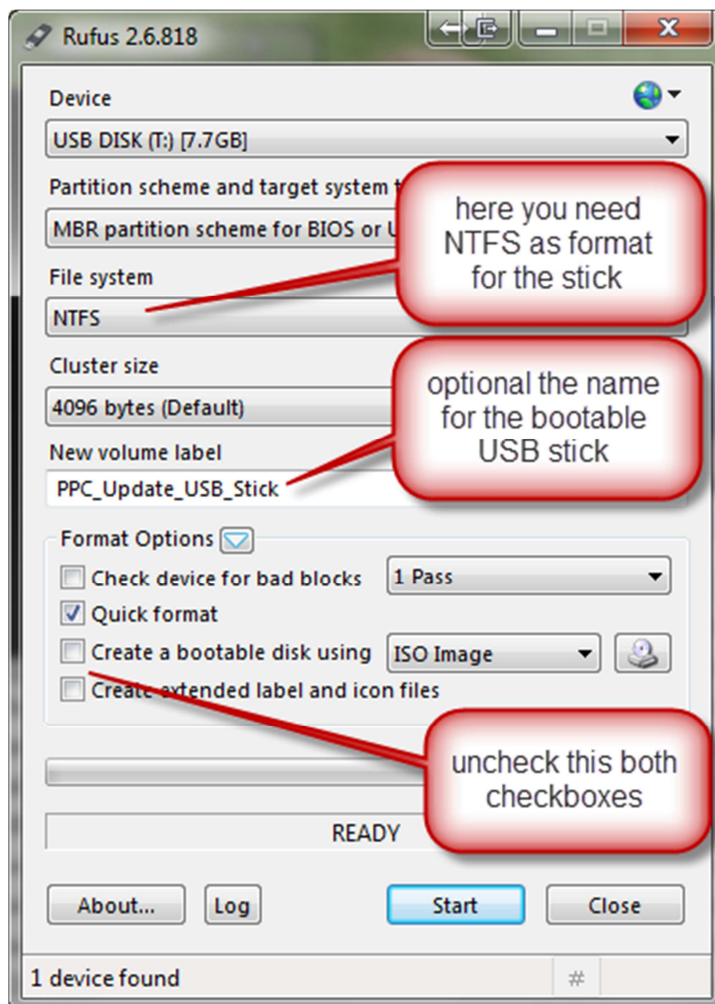
3 Format USB stick for update with Windows 7

3.1 Format USB Stick

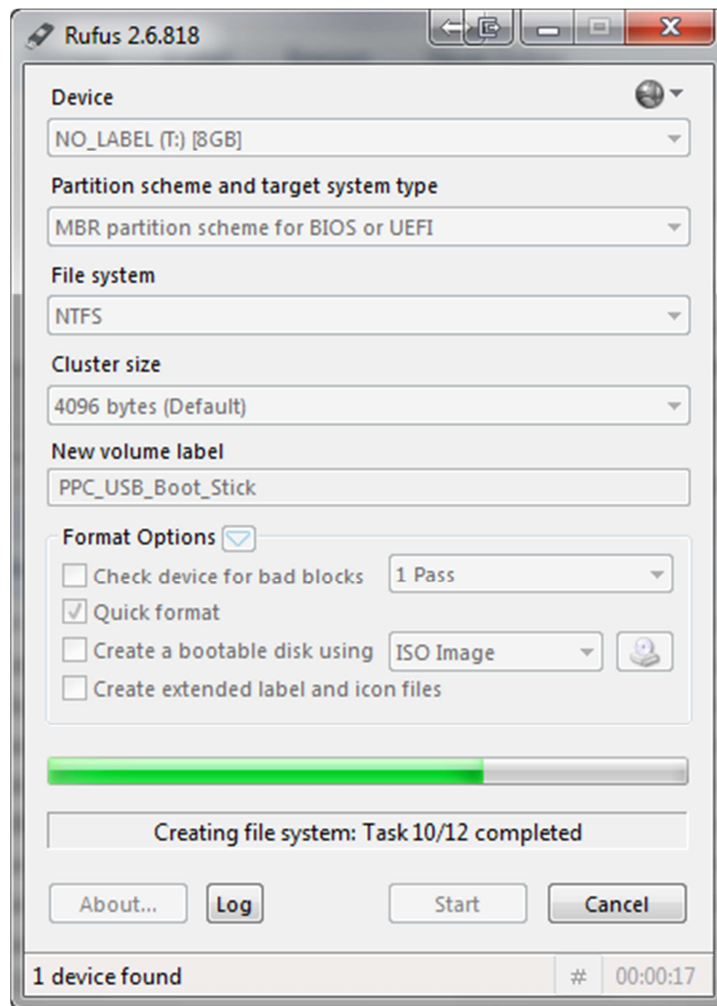
Put a min. 4GB USB stick into your PC (not the Yaskawa PPC) and start the application **USB-bootable.bat** in the PPC Update folder.



Follow the instructions and format the USB stick with the tool **Rufus** like on the following picture.

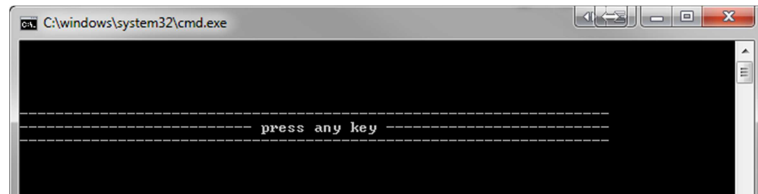


After you have inserted all information press the **START** button. The USB stick will be format.

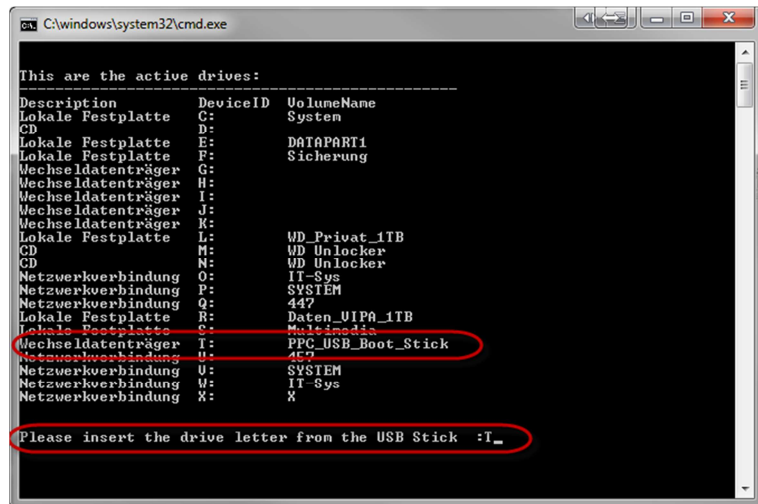


The batch file will father executed after you close the program Rufus.

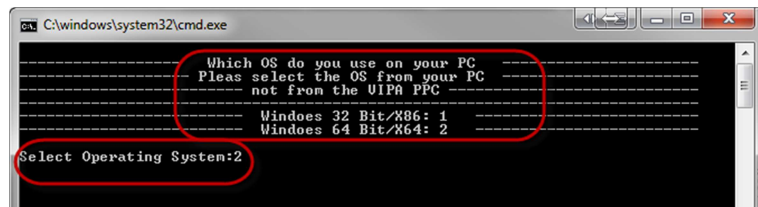
Follow the next instructions in the batch file until it will close automatically.



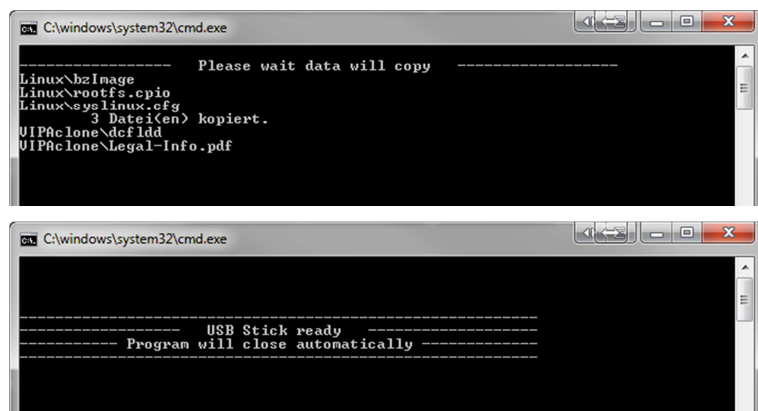
Select the USB stick and insert the drive letter.



Select the OS from your PC, **NOT FROM THE PPC!!!**



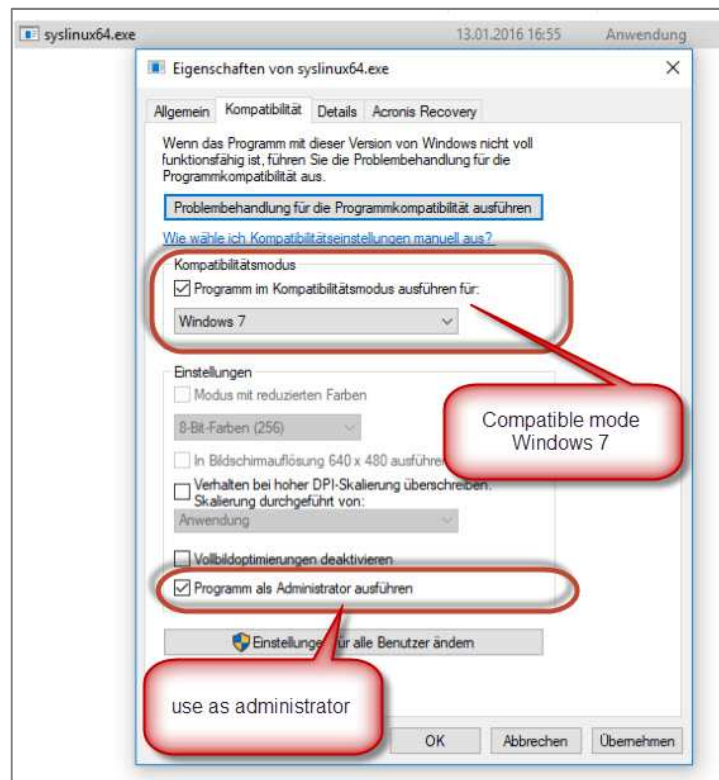
After this the USB stick will be create as boot stick.



4 Format USB stick for update with the Windows 10

4.1 Preparation for the bootable USB stick

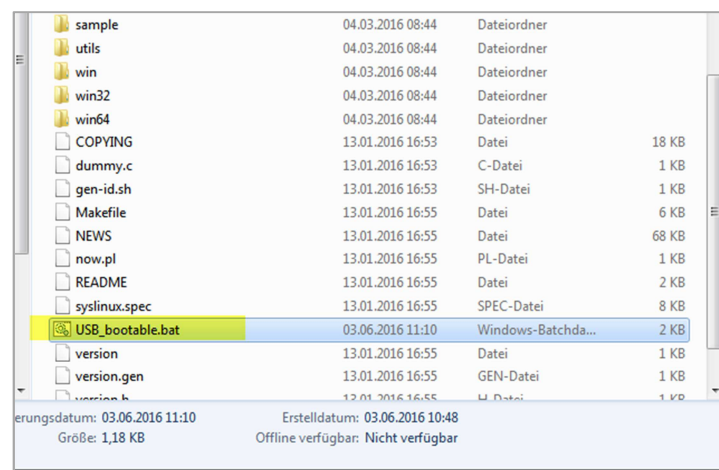
The file `syslinux64.exe` must use in compatible mode for Windows 7 and you have to set the check box “execute as administrator”.



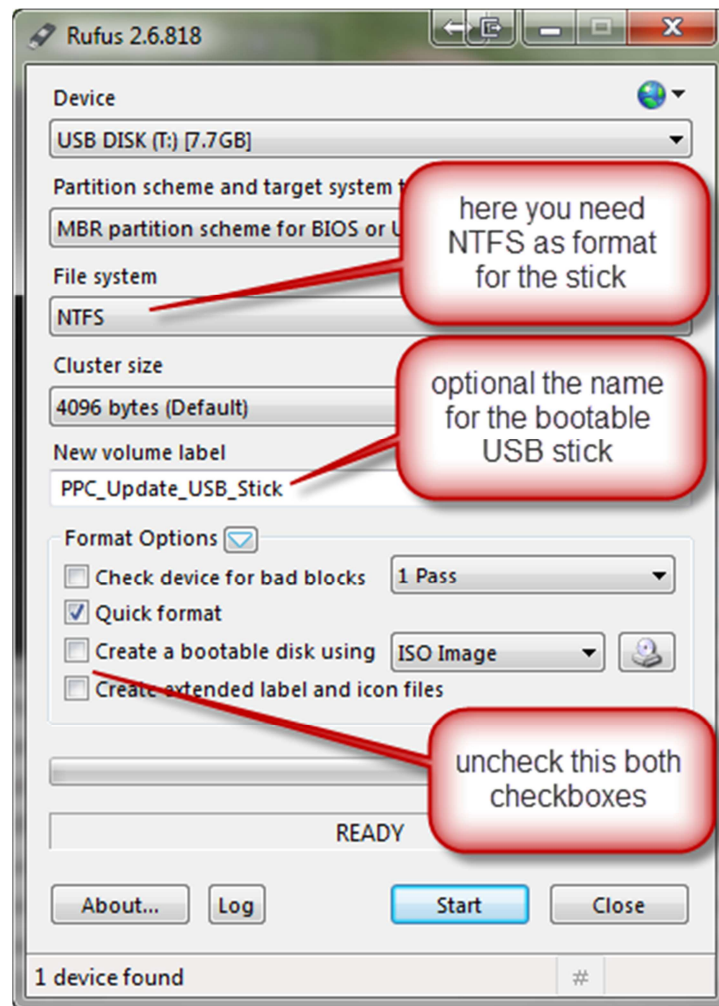
You find this file in the following path: `\EN_PPC Update\win64`

4.2 Format USB Stick

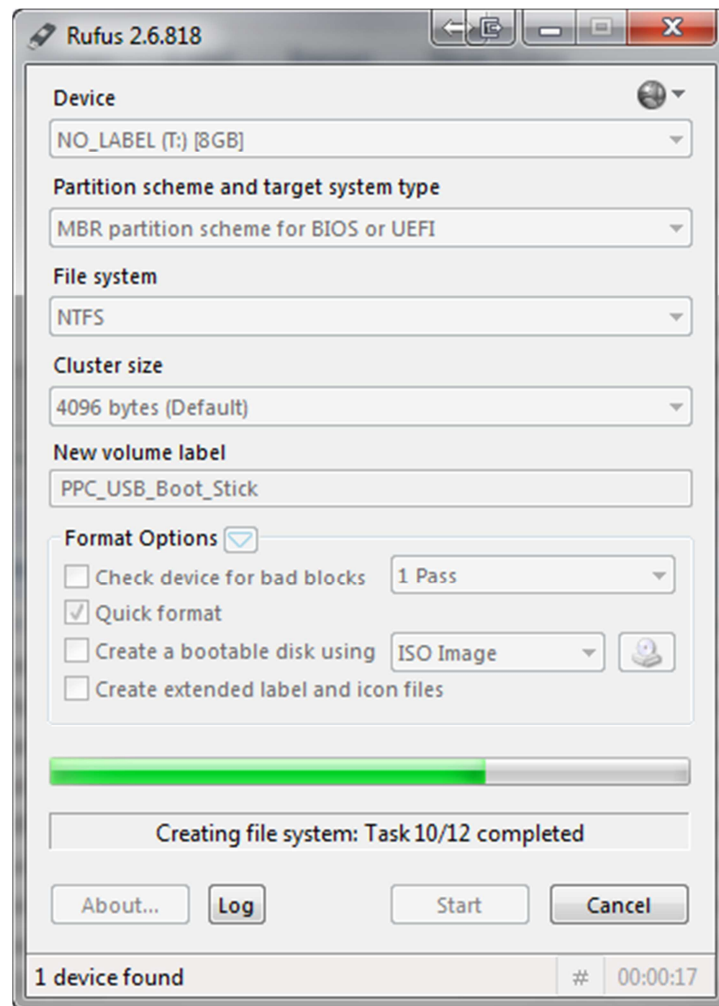
Put a min. 4GB USB stick into your PC (not the Yaskawa PPC) and start the application **USB-bootable.bat** in the PPC Update folder.



Follow the instructions and format the USB stick with the tool **Rufus** like on the following picture.

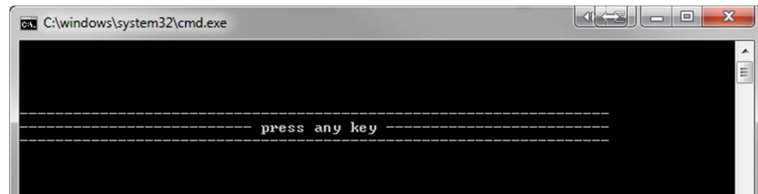


After you have inserted all information press the **START** button. The USB stick will be format.

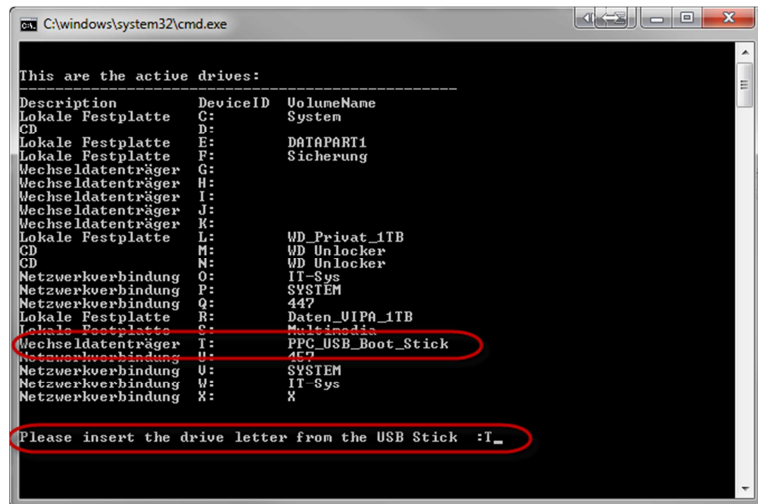


The batch file will be executed after you close the program Rufus.

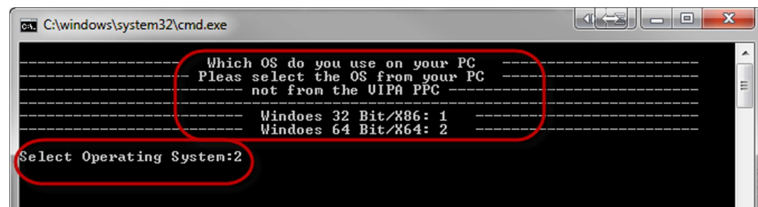
Follow the next instructions in the batch file until it will close automatically.



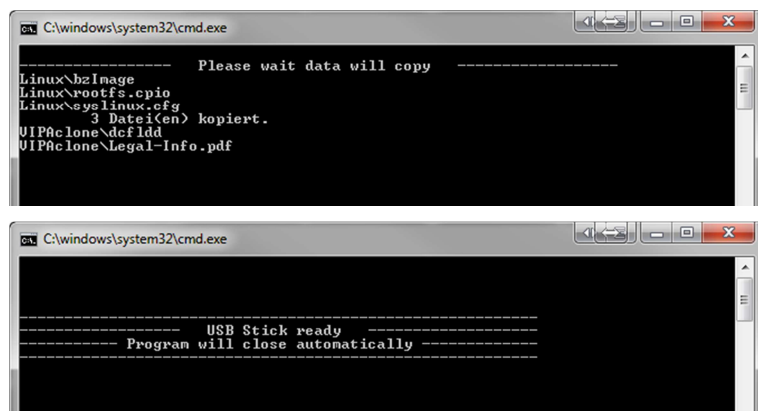
Select the USB stick and insert the drive letter.



Select the OS from your PC, **NOT FROM THE PPC!!!**

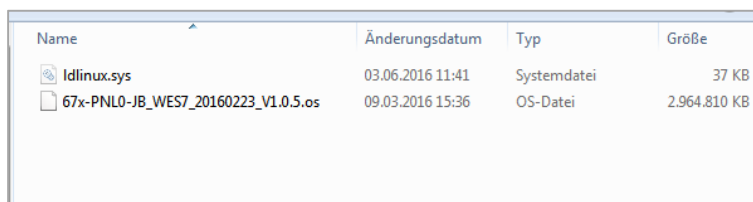


After this the USB stick will be create as boot stick.



4.3 Copy Image

Copy the .os file to the USB stick and put it in the PPC.

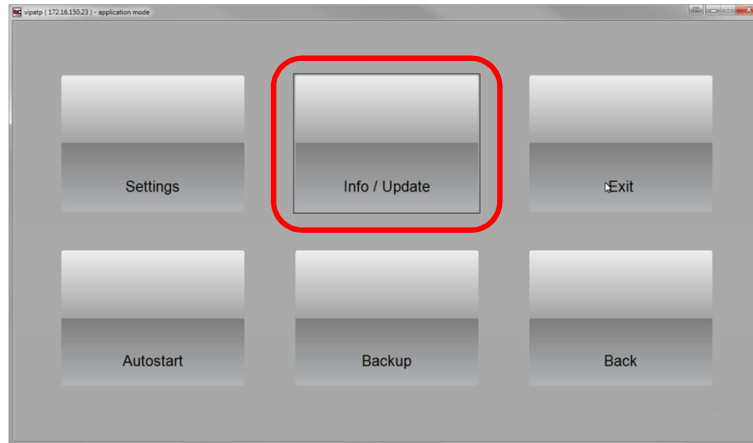


Name	Änderungsdatum	Typ	Größe
ldlinux.sys	03.06.2016 11:41	Systemdatei	37 KB
67x-PNL0-JB_WES7_20160223_V1.0.5.os	09.03.2016 15:36	OS-Datei	2.964.810 KB

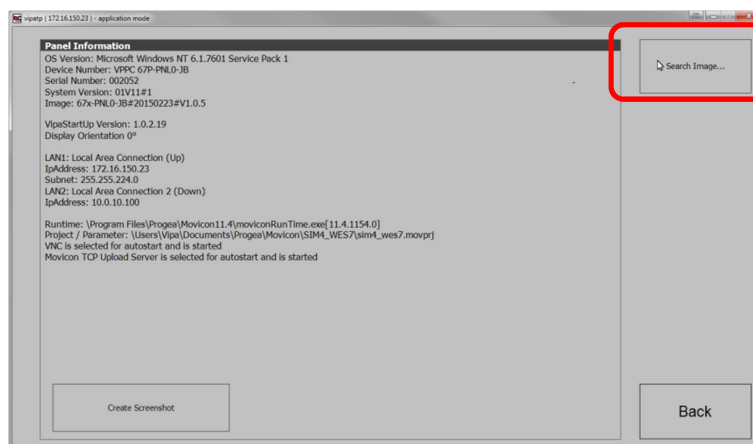
5 Update Panel PC over the Startup Manager

5.1 Update Process

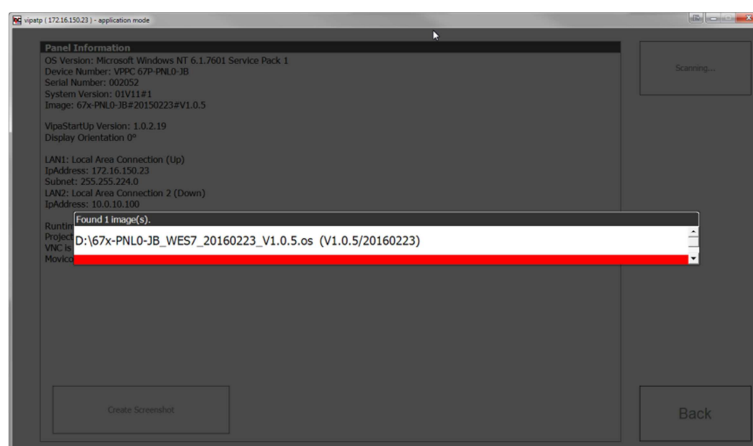
Start the Startup Manager on the PPC and switch to the Info / Update area.



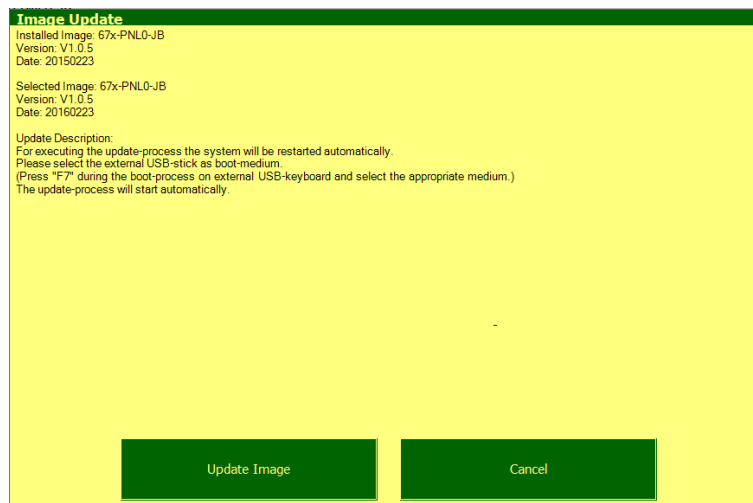
If the USB stick is in the PPC press **Search Image** to look for update image.



After a few seconds all find images will indicate. Select the right image.



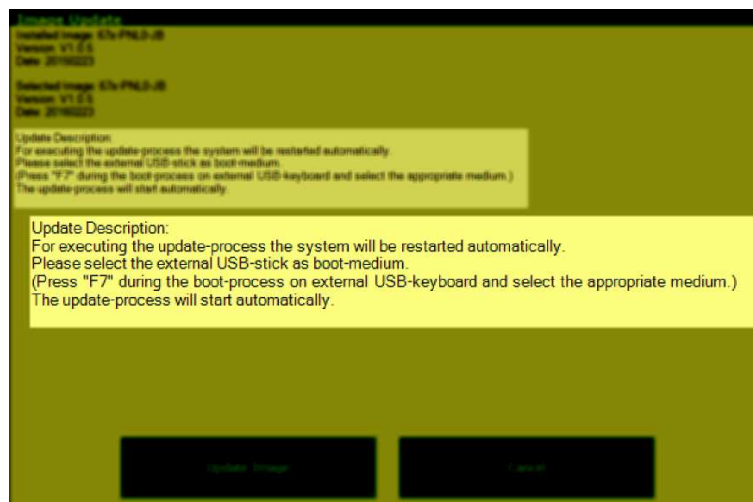
After you select the image it will be checked if it is useable for this PPC.



Now follow the instructions in the **Update Description**:

Das weitere Vorgehen wird in diesem Fenster beschrieben.

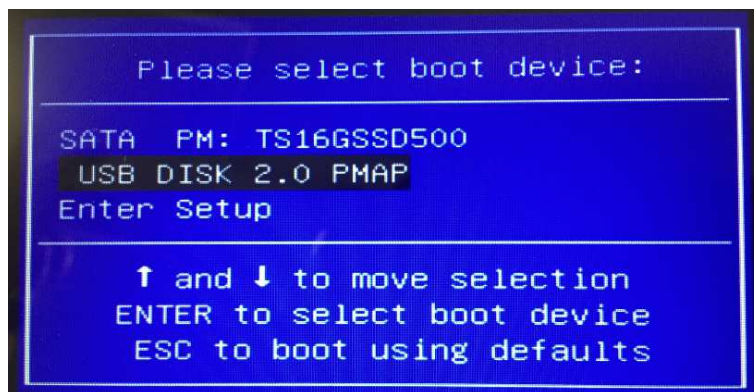
- Put in a USB keyboard into the PPC
- The USB stick stay also in the PPC
- Press **Update Image** and after 5 seconds the PPC will restart automatically.



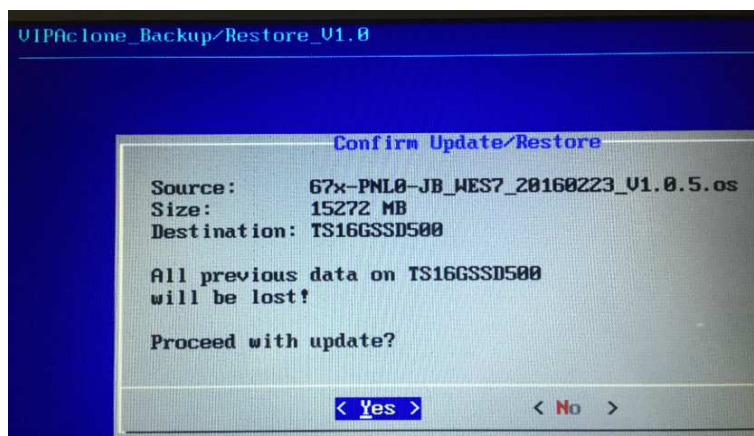
As soon as you see the boot picture press the **F7** key on the USB keyboard and wait for the **Boot Menu**.



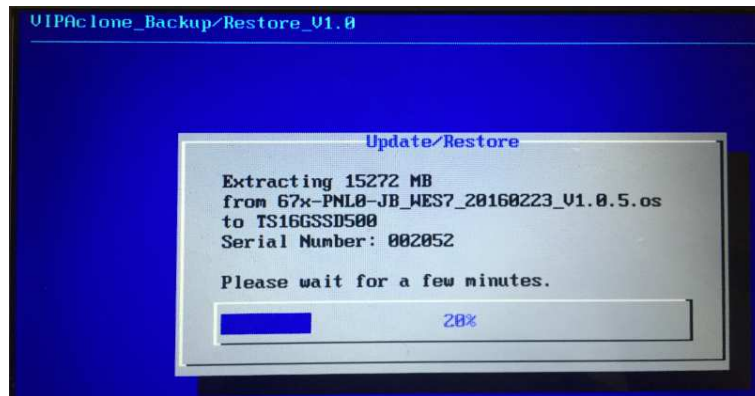
Select here the USB stick as boot medium.



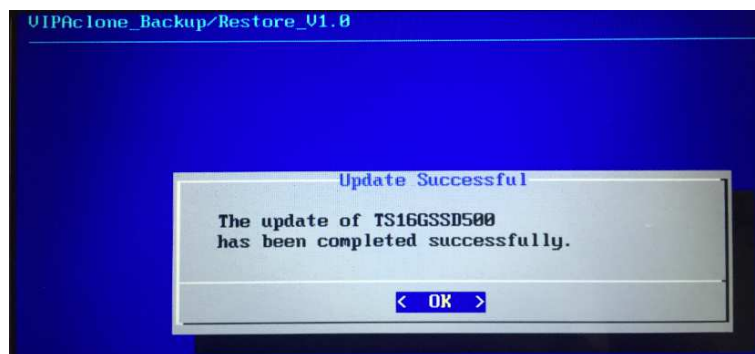
After you had selected the image the VIPA Backup/Restor tool will start the update. Press **YES** to start.



The image is updating, it could take a few minutes.



After the image update was successful finished, press **OK**.



6 Update Panel PC without Startup Manager

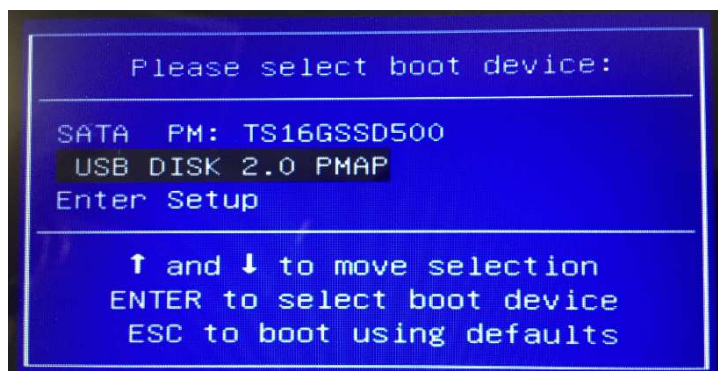
6.1 Update Prozess without StartUp Manager

- Point 2 and 3 of this How to Do are done.
- Put in the USB stick into the PPC.
- Put in a USB keyboard into the PPC..
- Start the Panel PC new.

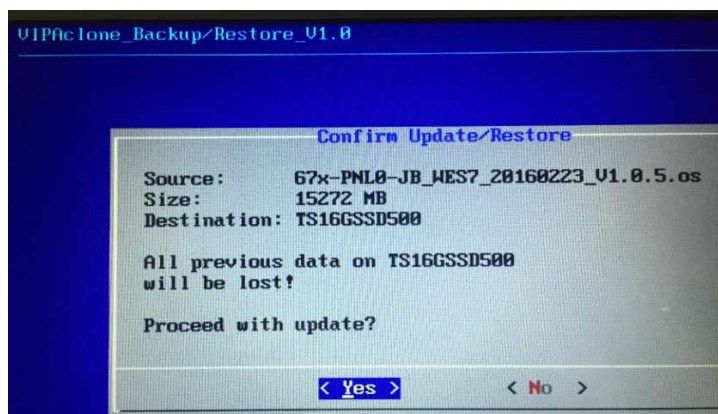
As soon as you see the boot picture press the **F7** key on the USB keyboard and wait for the **Boot Menu**.



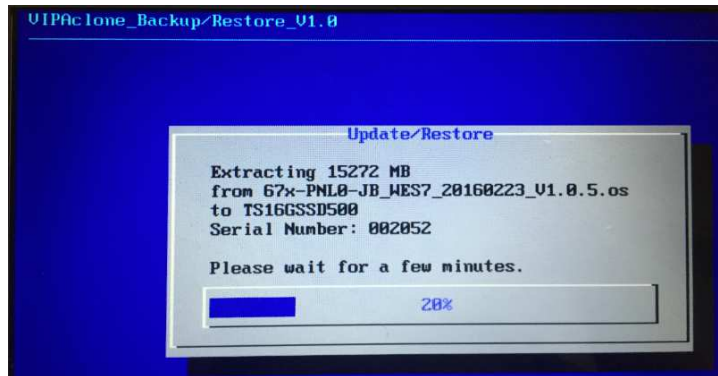
- Select here the USB stick as boot medium.



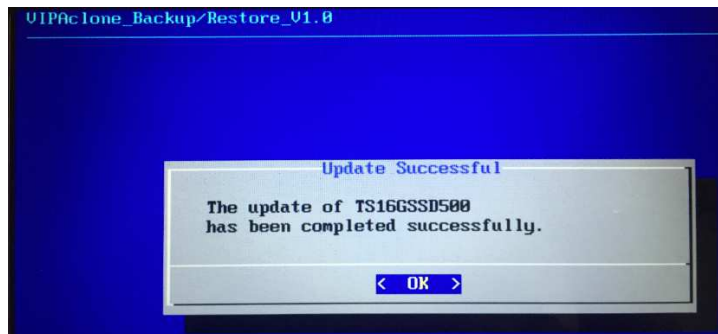
- After you had selected the image the VIPA Backup/Restor tool will start the update. Press **YES** to start.



- The image is updating, it could take a few minutes.



- After the image update was successful finished, press **OK**.



7 Revision History

7.1 Changes

DATUM	ÄNDERUNGEN	BEARBEITER
08.11.2017	Dokument Creation	T. Zerl
20.11.2017	Changes for using with Windows 10	T. Zerl