
CONAXX 2.2.1 SP2

Update instructions

In this document you can find all important instructions for the CONAXX Update.

This update concerns all CONAXX versions before 2.2.1 SP2.

Attention

This update can be only installed with a valid support contract. The demo version does not need a software support for this update.

For any questions, please contact your sales representative at PROTEC GmbH & Co. KG.

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1. Important hints



Updated password security requirements

In order to meet the increased regulatory security requirements, the passwords are reset when updating CONAXX versions older than 2.2.1 and must be reset after the update.

The passwords must meet the following requirements:

- Minimum length 8 characters
- At least 1 lowercase letter
- At least 1 capital letter
- At least 1 number
- At least 1 special character

In order to be able to log in to CONAXX after the update, the password for the user "demo" will be reset back to "demo".



Update of software detector integration

When using one of the following detectors the software detector integration must be updated in addition to this update. This must be done by your service representative of PROTEC GmbH & Co. KG.

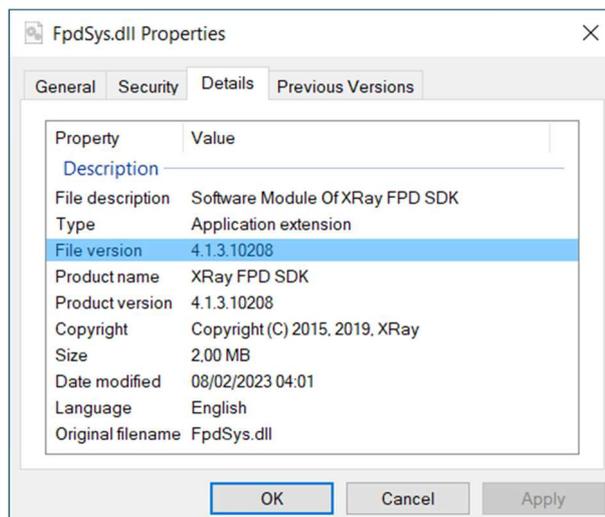
- RAPIXX 4336M1i WiFi, 4336M2i WiFi, 4336V1i WiFi, 4336V2i WiFi
- RAPIXX 4343M1i WiFi, 4343M2i WiFi, 4343V1i WiFi, 4343V2i WiFi

- RAPIXX 4336M1i X WiFi, 4336V1i X WiFi
- RAPIXX 4343M1i X WiFi, 4343V1i X WiFi

- RAPIXX 4343M1i X CC, 4343V1i X CC

- RAPIXX 3325V1i X WiFi

An update of the software detector integration is not required if the version of the file "FpdSys . dll", which is located in the installation folder of CONAXX, is at least version 4.1.3.10208.



2. Update of CONAXX

Warning

The first start of CONAXX can take some time after the update.

In case of updating a version older than 2.0.6, the start-up waiting time can be up to 2 hours because of extensive database optimizations.

Steps

1. Close CONAXX.
2. Please make a backup of the folder „C:\PROGRAM FILES\CONAXX2“.
The backup can also be performed with the program “CONAXX.MAINTENANCER.EXE” which you can find in the installation path.
3. Execute the file “CONAXX2-UPDATE-2.2.1-SP2.EXE”. The update software is generally in English. Your CONAXX language you had installed before will remain.

The Microsoft .NET Framework 4.8.1 will be installed automatically when having internet access. Without internet access you have to download and install it manually:
<https://dotnet.microsoft.com/en-us/download/dotnet-framework/thank-you/net481-offline-installer>

4. After having successfully finished the update please restart CONAXX.

3. Update of CONAXX Touch 2

Steps

1. Close CONAXX Touch 2.
2. Please make a backup of the folder „C:\PROGRAM FILES\CONAXX TOUCH 2“.
3. Execute the file “CONAXX2-TOUCH2-UPDATE-2.2.1-SP2.EXE”. The update software is generally in English.

The Microsoft .NET Framework 4.8.1 will be installed automatically when having internet access. Without internet access you have to download and install it manually:
<https://dotnet.microsoft.com/en-us/download/dotnet-framework/thank-you/net481-offline-installer>

4. After having successfully finished the update please restart CONAXX Touch 2.

4. System test

Perform a system test by acquiring test images to make sure that all connected components work fine.

In addition to a complete system test mainly the following components should be checked:

- Detector
 - Connection when CONAXX starts
 - Image transmission after performing an exposure
 - Image optimization (AIP) after performing an exposure
- X-ray generator
 - Connection when CONAXX starts
 - Transmission of X-ray parameters to generator when choosing an X-ray job
 - Storage of parameters in X-ray Journal after performing an exposure
- Dose area product measurement device
 - Storage of dose area product in X-ray Journal after performing an exposure
 - Test exposure with 50kV and 4mAs (SID 120cm, collimated area 45x45cm) delivers a value between 6 and 10 μ Gym²
- Receiving patient and job data via GDT/BDT or DICOM Worklist
- Sending von accepted images into a DICOM PACS

5. Activation of optimized image processing for the module “Advanced Image Processing”

In case of getting optimized image processing filters for your detector (see document “Customer Information CONAXX 2”), it is recommended to activate them after the update.

Hint

By activating the updated image processing the filter assignment for manually created organs can also be changed. Check this after successful activation.

The following steps must be carried out for activation:

1. Start CONAXX
2. Open the “CONFIGURATION” in the CONAXX start menu
3. Save a backup of your settings by pressing the button “☰”
4. Navigate to the section “BODY PARTS > COMMON”
5. Press the button “☰” in the area “AIP”
6. Navigate to the section “IMAGE PROCESSING > WINDOWING”
7. Deactivate the checkbox “ACTIVATE AUTOMATIC WINDOW LEVEL”