PACS Migration tool

User Guide

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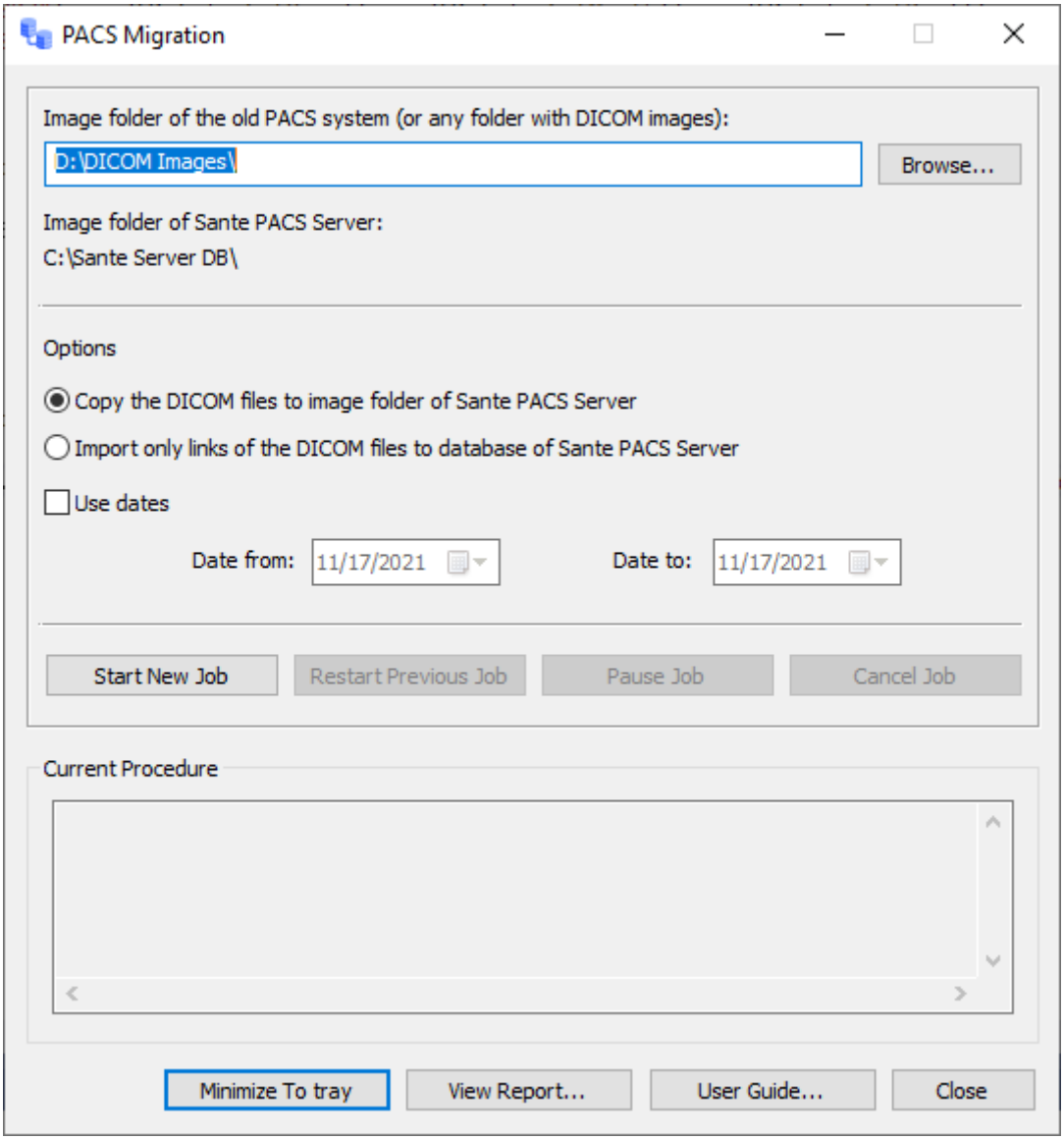
Overview

PACS Migration is a tool that lets the user migrate the data (information of patients and their images) of an old PACS system to **Sante PACS Server PG**. PACS Migration is an external program and works independently from Sante PACS Server PG without burdening it with unnecessary load. The program sorts the studies to be inserted with their study date and inserts first the newer studies. This way the latest studies are available on the server immediately.

The program lets the user insert files that have been received recently or in a specific date range from the old PACS system and they are not inserted to Sante PACS Server PG.

It can be used not only for migration tasks, but it is useful as well to insert into database any folder with DICOM files any time, e.g. from a USB memory stick or from an external hard disk drive.

To run the **PACS Migration** tool, select the menu command **"Utilities ➧ Migration Tool"**.



Features of the program:

- **It works independently from Sante PACS Server PG**
  If Sante PACS Server PG closes for any reason, the PACS Migration tool will continue to work.

- **It can stop and continue from the last folder**
  The user can pause the job and continue it from the last folder added in the database of Sante PACS Server PG.

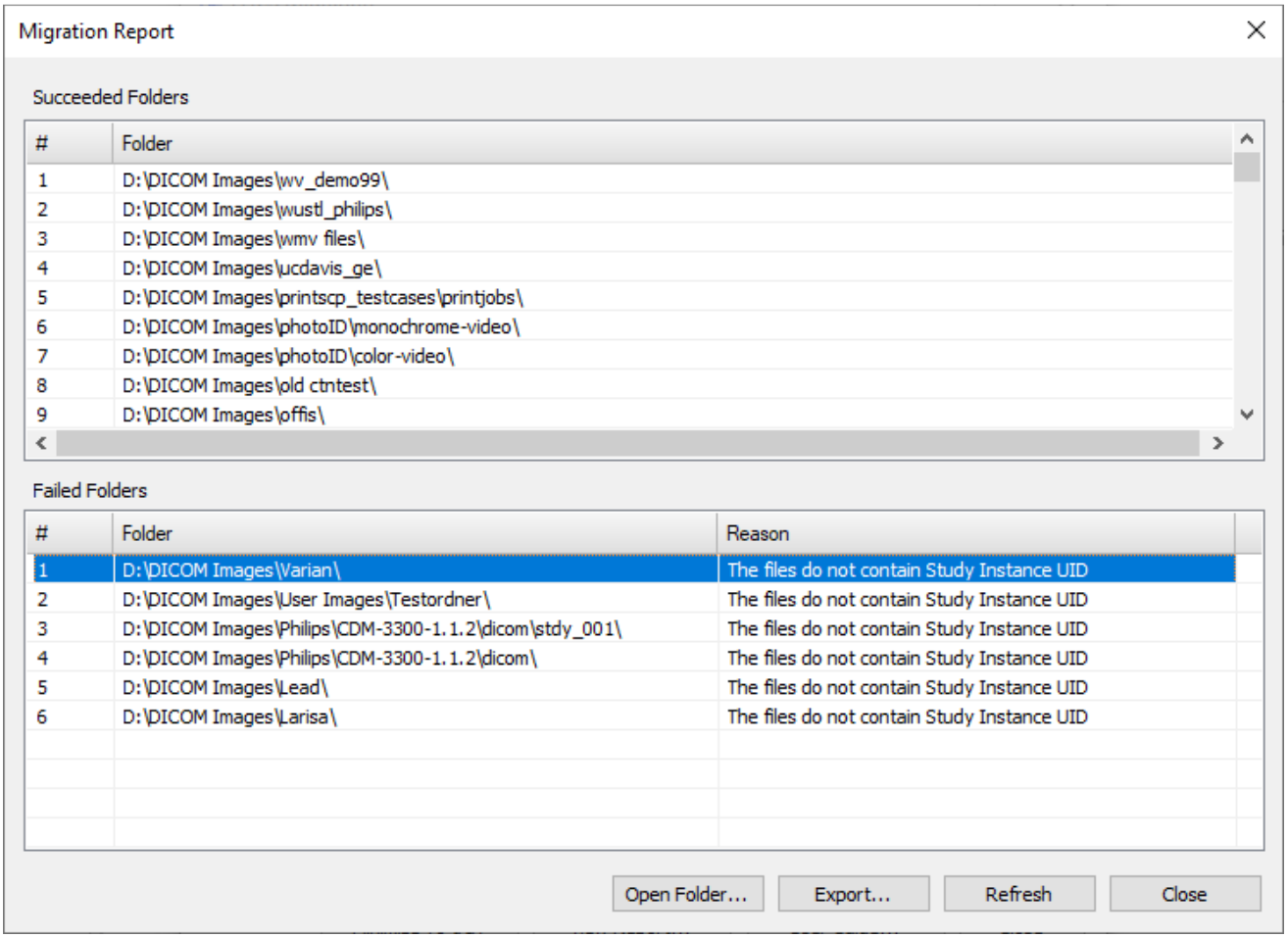
- **It can resume from the last folder**
- If the PACS Migration tool closes abnormally for any reason, (e.g. from electric power failure), the user can continue the task from the last folder added in the database of Sante PACS Server PG without starting again from the beginning.

- **It works from the newer studies to older**
  The program sorts the studies to be inserted with their study date and inserts first the newer studies. This way the latest studies are available in the server immediately.

- **It can add studies of specific date range**
- If the old PACS system is still used during the migration procedure, the last studies received from the old PACS system will not be inserted to Sante PACS Server PG, because the list of the studies to be inserted is created in the beginning of the procedure and thus it has already created when the new studies are arrived into old PACS system. In a situation like that the user can run again the program with the usage of the date range feature and create a migration job for the latest studies only.

- **It can be used to insert any folder into database**
  PACS Migration tool can be used not only for migration tasks, but it is useful as well to insert into database any folder with DICOM files any time, e.g. from a USB memory stick or from an external hard disk drive.

- **Detailed report**
  The program displays a detailed report about the migration job status.

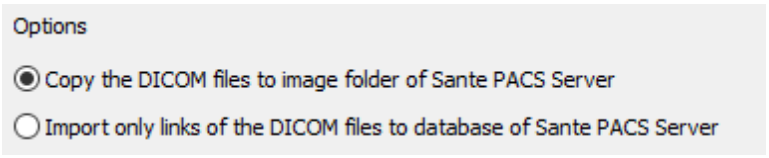

Migration Report
Succeeded Folders
Folder
1 D:\DICOM Images\wv_demo99\
2 D:\DICOM Images\wustl_philips\
3 D:\DICOM Images\wmv files\
4 D:\DICOM Images\ucdavis_ge\
5 D:\DICOM Images\printscp_testcases\printjobs\
6 D:\DICOM Images\photoID\monochrome-video\
7 D:\DICOM Images\photoID\color-video\
8 D:\DICOM Images\old ctntest\
9 D:\DICOM Images\offis\
Failed Folders
Folder Reason
1 D:\DICOM Images\Varian\ The files do not contain Study Instance UID
2 D:\DICOM Images\User Images\Testordner\ The files do not contain Study Instance UID
3 D:\DICOM Images\Philips\CDM-3300-1.1.2\dicom\stdy_001\ The files do not contain Study Instance UID
4 D:\DICOM Images\Philips\CDM-3300-1.1.2\dicom\ The files do not contain Study Instance UID
5 D:\DICOM Images\Lead\ The files do not contain Study Instance UID
6 D:\DICOM Images\Larisa\ The files do not contain Study Instance UID
Open Folder...
Export...
Refresh
Close

Program options

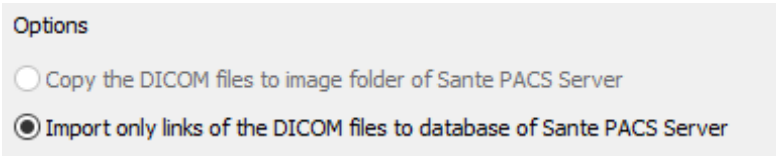
The user can select as folder of database and images of Sante PACS Server PG the same folder of the old PACS system or a new, different folder. In the case of the different folder the user has two options:

- to copy the files from the folder of the old PACS system to folder of Sante PACS Server PG. In that case, after the migration, the user can create a backup and delete the old folder. **The backup is highly recommended.** This option is recommended when the user has changed the hard disk drive of the system with a larger one and intends to remove the old hard disk drive.

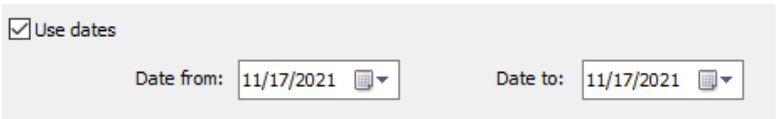
- to keep the files in the old folder. In that case the old folder must remain on the system and the files must not be deleted. Sante PACS Server PG will create database entries and links for these files.



When the source and destination folders are the same (the folder of the old PACS system and the folder of Sante PACS Server PG accordingly), the option **"Copy the DICOM files to image folder of Sante PACS Server PG"** is not available because the files are already in the right folder and Sante PACS Server PG has only to create the database entries and the links of these files.

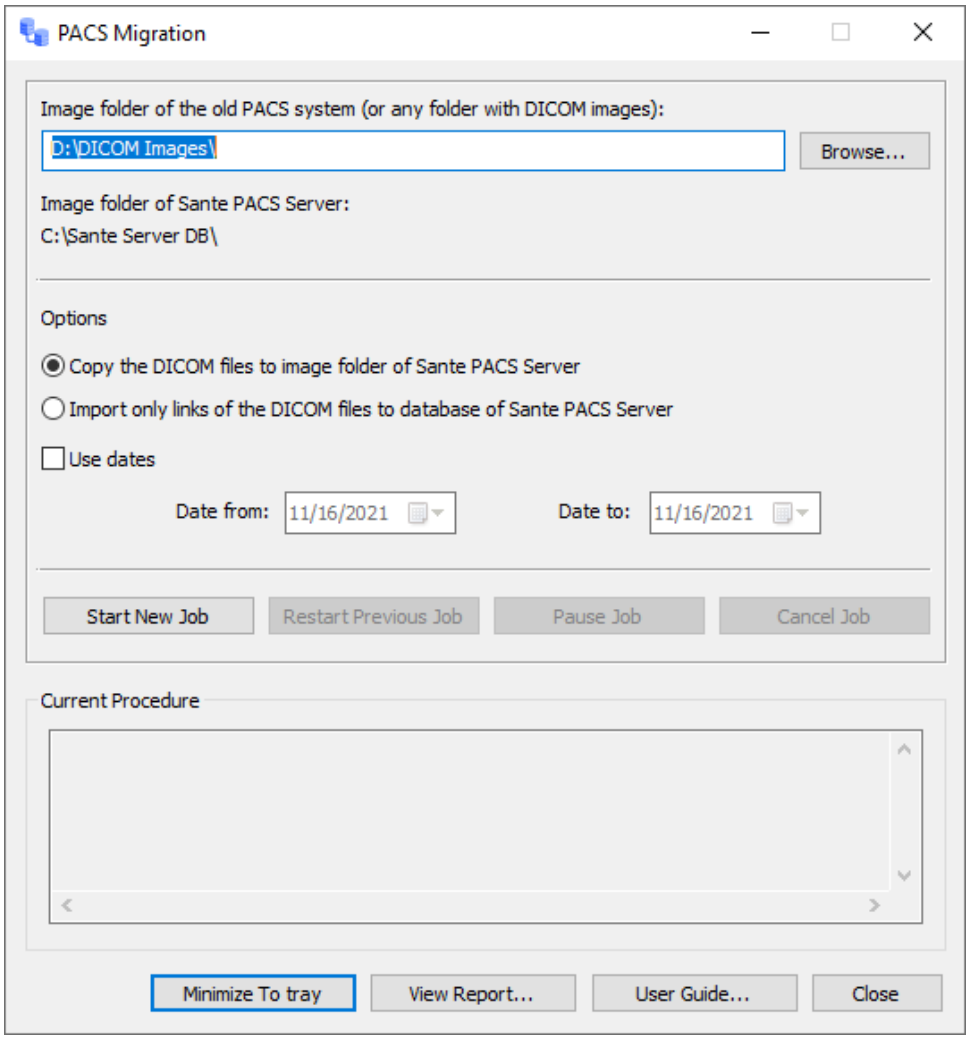


Use dates
This option is useful to insert the recently received files when the old PACS system has received files that are not inserted to Sante PACS Server PG. If the old PACS system is still used during the migration procedure, the last studies received from the old PACS system will not be inserted to Sante PACS Server PG, because the list of the studies to be inserted is created in the beginning of the procedure and thus it has already created when the new studies are arrived into old PACS system. In a situation like that the user can run again the program with the usage of the date range feature and create a migration job for the latest studies only.



The user interface

To run the **PACS Migration** tool, select the menu command **"Utilities ➧Migration Tool"**.



"Browse..." button
It lets the user select the source folder of the files (the folder of the old PACS system or any other folder the user wishes to add into database of Sante PACS Server PG).

"Image folder of Sante PACS Server PG"
Displays the folder of the database and images of Sante PACS Server PG. To change this folder, close the program, select the menu command **"Database ➧ Database Setup"**, select the desired folder and run the PACS Migration tool again.

"Options"

- **Copy the DICOM files to image folder of Sante PACS Server PG**
  Use this option to copy the files from the folder of the old PACS system to folder of Sante PACS Server PG.

- **Import only links of the DICOM files to database of Sante PACS Server PG**
  Use this option to keep the files in the old folder and to create database entries and links for these files.

- **Use dates**
  This option is useful to insert the recently received files, when the old PACS system has received files that are not inserted to Sante PACS Server PG.

"Start New Job" button
Starts a new migration job.

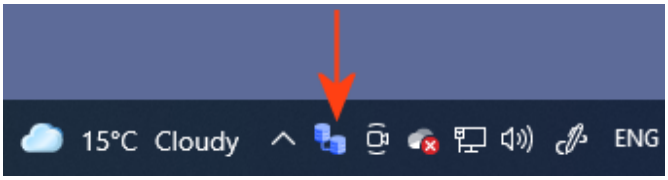
"Restart Previous Job" button
Restarts the previous interrupted migration job.

"Pause Job" button
Pauses the current migration job. The job can be restarted with the button **"Restart Previous Job"**.

"Cancel Job" button
Cancels the current migration job.

"Current Procedure"
Displays the status of the current migration job.

"Minimize To tray" button
Minimizes the interface of the program to icon tray.



"View Report... " button
Displays a report about the progress status of the current migration job.

"User Guide... " button
Displays this document.

"Close" button
Stops the running procedure (if any) and closes the program.