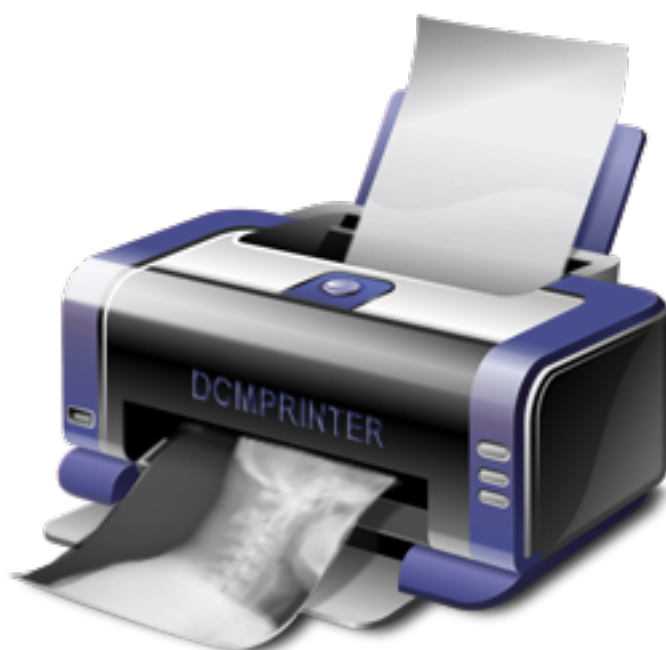


Manual rev 1

DCMprinter v7.x



Contact: info@sup-c.com
Website: <https://sup-c.com>

Purpose

DCMprinter turns your Windows Computer into a Paper Dicom Print Server. In other words, no more expensive Film printing. Provide your patients and referring physicians with hardcopies of their studies. DCMprinter receives images from DICOM modalities and prints them on a regular Windows paper printer. It is a high quality DICOM printing solution that can render photographic quality Color or Grayscale images on paper.

Getting Started Guide

Welcome to the Getting Started Guide for the DCMprinter software.

This guide is meant to provide you with general instructions on how to set up the DCMprinter software with the simplest configuration in order to get you up and running as quickly as possible.

Please review the Software Prerequisites for an understanding of what requirements are necessary for the DCMprinter software. Please refer to the DCMprinter User's Guide for more in-depth instructions on configuring and using the software.

Thank you for choosing DCMprinter.

Software Prerequisites

Minimum System Requirements

OS (Operating System)

- Windows 7 (32 bit/64 bit) Home/Professional
- Windows 8 (32 bit/64 bit) Home/Professional
- Windows 10 (32 bit/64 bit) Home/Professional
- Windows Server 2019

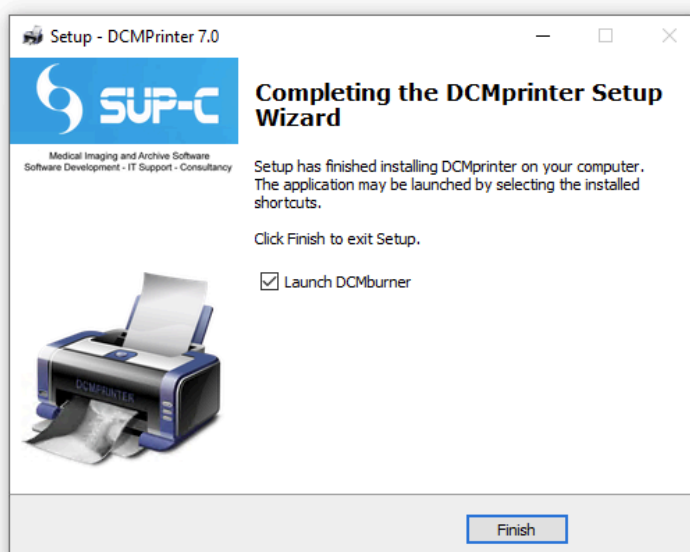
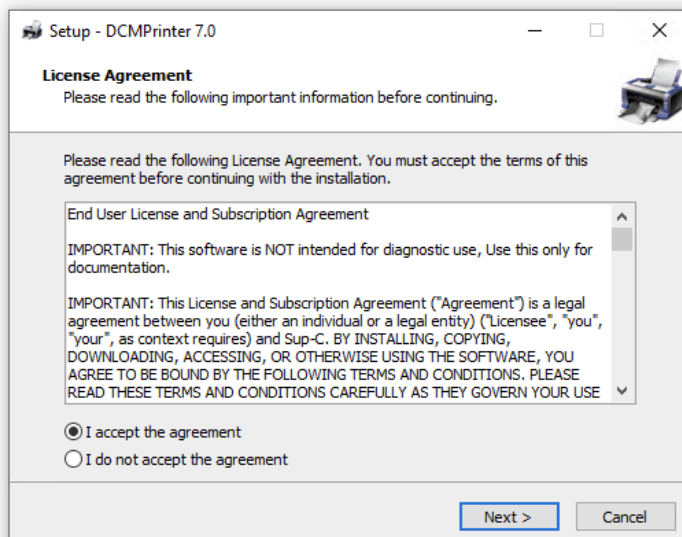
Hardware Models/CPU

- Processor
 - Intel CPU
- Memory
 - 4GB or more
- Resolution
 - 1360x768 pixels or higher
- Display
 - 24 bit or more
- HDD/SSD
 - Available space: 40GB
- Network
 - 100 Base-TX/1000 Base-T
- Printer
 - Windows Compatible Printer

Install the “DCMprinter Software”

Install DCMprinter

- On Windows 10 32Bit version
 - Download DCMprinter https://sup-c.com/download/Setup_DCMPrinter_7.0.zip
 - Extract the “Setup_DCMPrinter_7.0.zip”
 - Run the “Setup_DCMPrinter_7.0_32.exe”
- On Windows 10 64Bit version
 - Download DCMprinter https://sup-c.com/download/Setup_DCMPrinter_7.0.zip
 - Extract the “Setup_DCMPrinter_7.0.zip”
 - Run the “Setup_DCMPrinter_7.0_64.exe”
- Follow the DCMprinter setup instructions

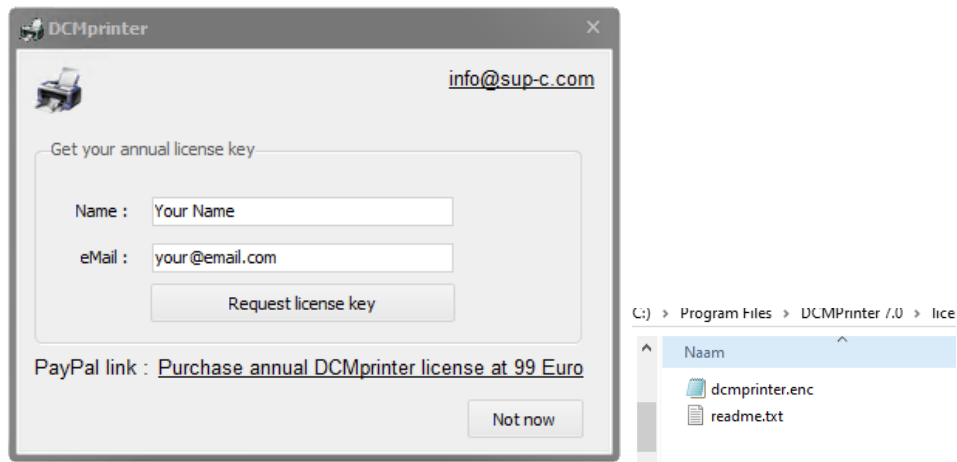


First start of the DCMprinter software

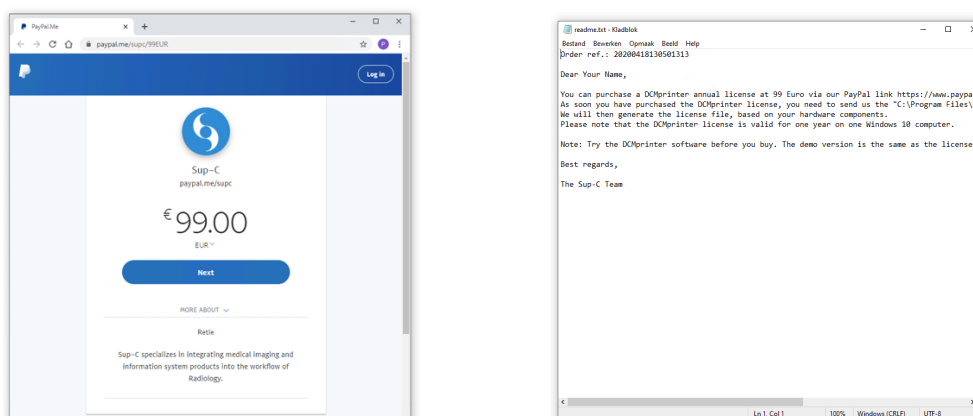
- As long the DCMprinter software is not register the first screen that appears is the Software registration form.

To register

- Fill-in you full name and e-mail, this is important to verify the PayPal payments list.
- When all is fill-in correctly you can press the “Request license key” button.

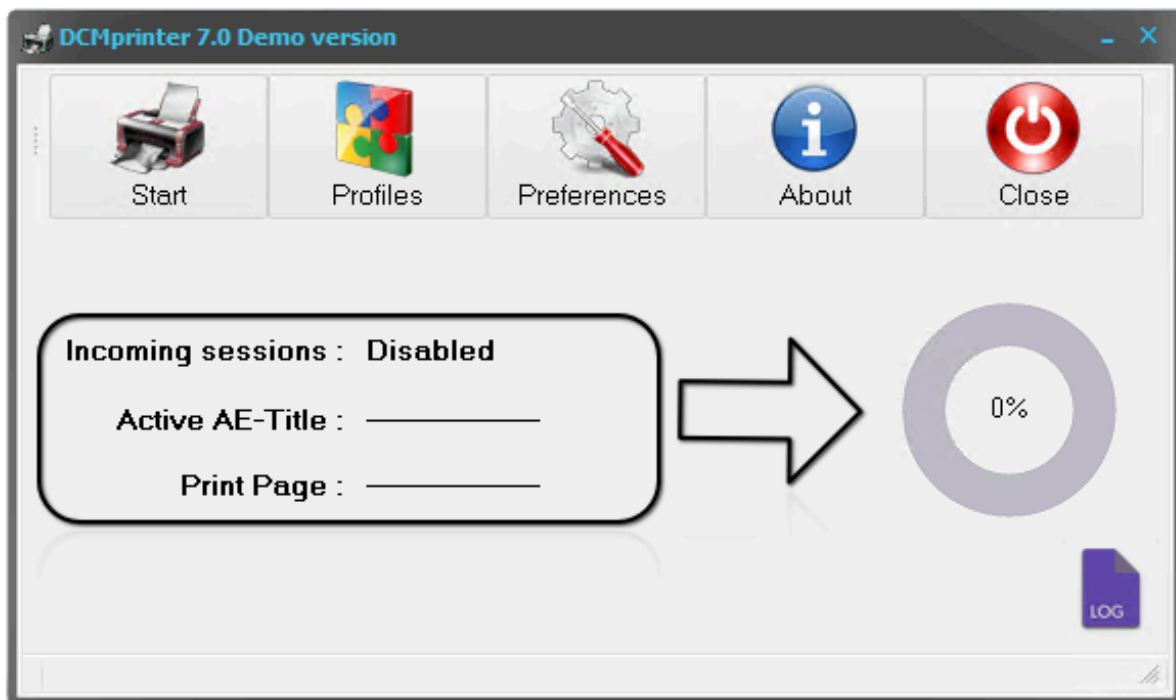


- Now 2 files are generated in the “C:\Program Files\DCMPrinter 7.0\license” folder.
- The **DCMprinter.enc** file. This file contains your hardware components that are needed to generate the license file.
- And the **readme.txt**, this file contains Order reference and how to purchase our DCMprinter software. Don't forget to mention the reference order number when purchasing DCMprinter at the PayPal Site.
- After you have purchased the Annual DCMprinter license, please email us the DCMprinter.enc file and don't forget the reference number.



- You can skip this if you just want to try our software. Keep in mind, TRY BEFORE YOU BUY. The demo version is the same as the licensed one, except that the images are overwritten with the Demo text.

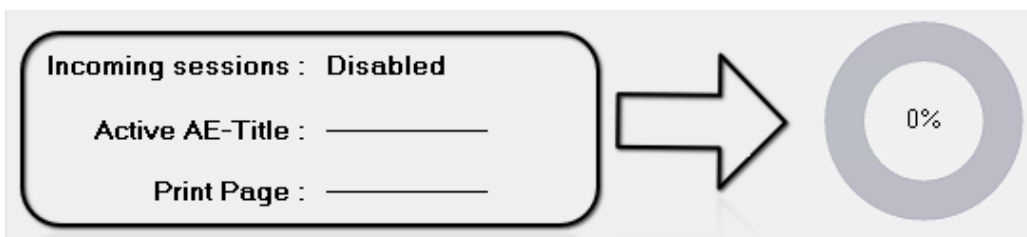
Main Screen



Toolbar

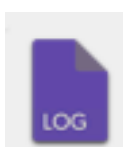


Session information



At this section you find more information on how many print sessions are in progress.

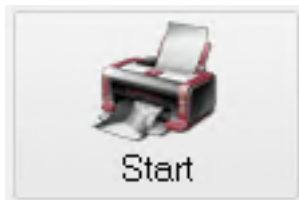
Log Files



Each time you start DCMprinter a new log file will be created when starting the Dicom Print SCP (Service Class Provider).

Start button

When you click at the start button the Dicom Print Provider service will be started. The icon will become green and the Dicom "Printer (is) Active". The profile and preferences button are now disabled, this to avoid setting problems when printing.

**Printer Active**

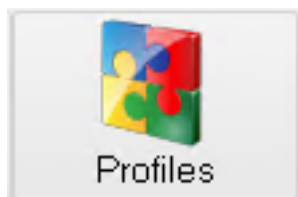
When you click on the Printer Active button the Dicom Print Service will be stopped. Also, all buttons on the toolbar are available.



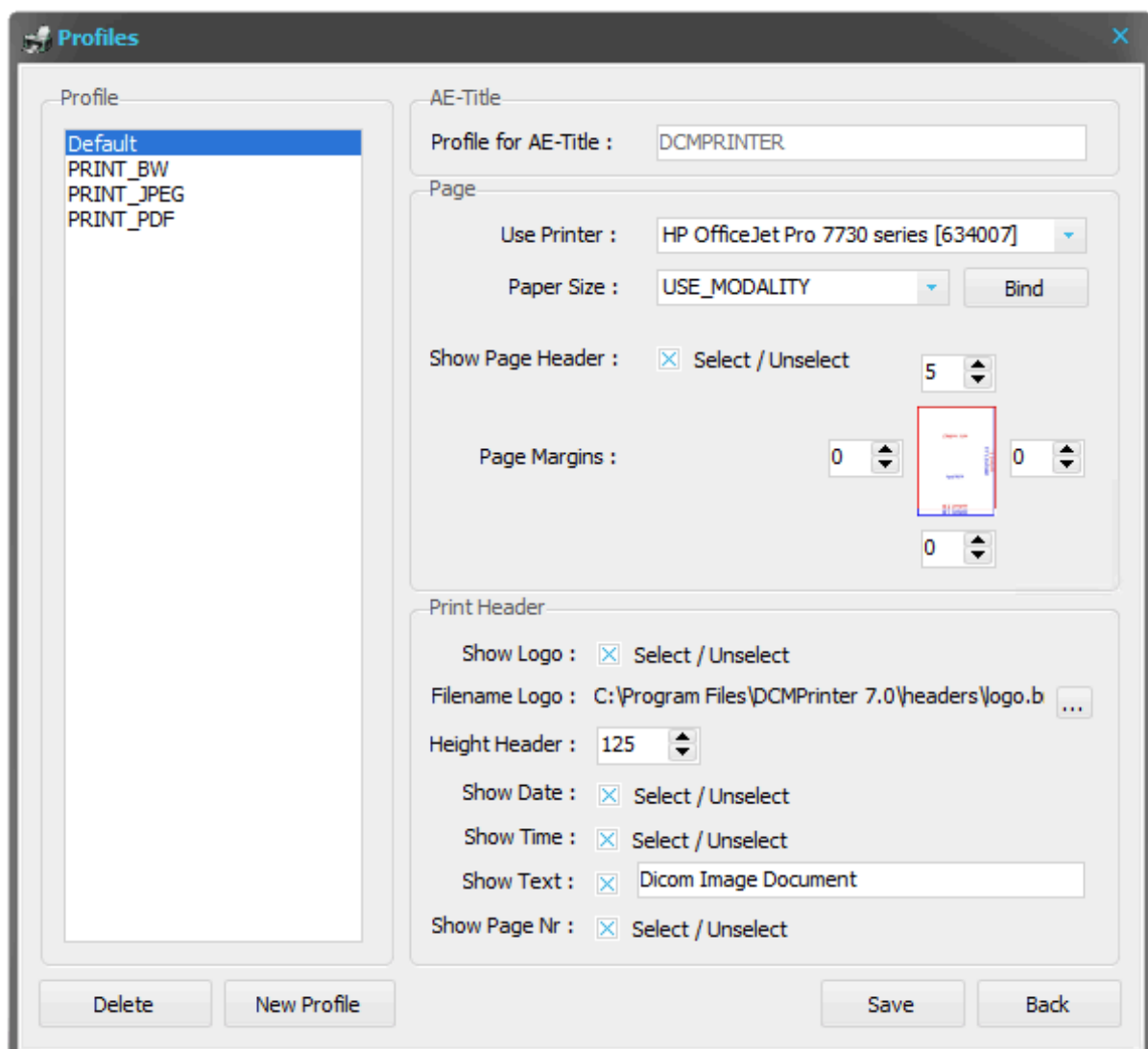
Profiles

You can make Profiles for each Dicom AE-Title. The standard AE-Title, which is defined in the Preference settings, is the default profile. If DCMprinter creates new profiles it will always use the settings of the default Profile. But you can change these at all time.

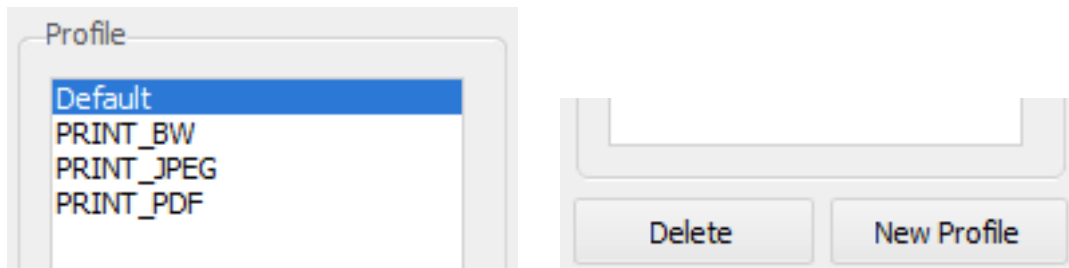
When printing from your modality to DCMPRINTER, the default profile is used. But you can automatically make new profile by using another AE-Title (DCMPRINTER) on your modality printer setting. For instance, you want to Print on a B&W Laser Printer. Then configure DCMprinter in your modality with another AE-Title, let's say PRINT_BW. DCMprinter will create a new profile with the name PRINT_BW. You can edit this profile now and select the correct printer. Another way is to configure the profile in advance.



The Profiles form

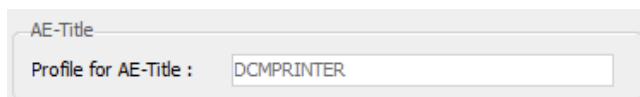


Profile section



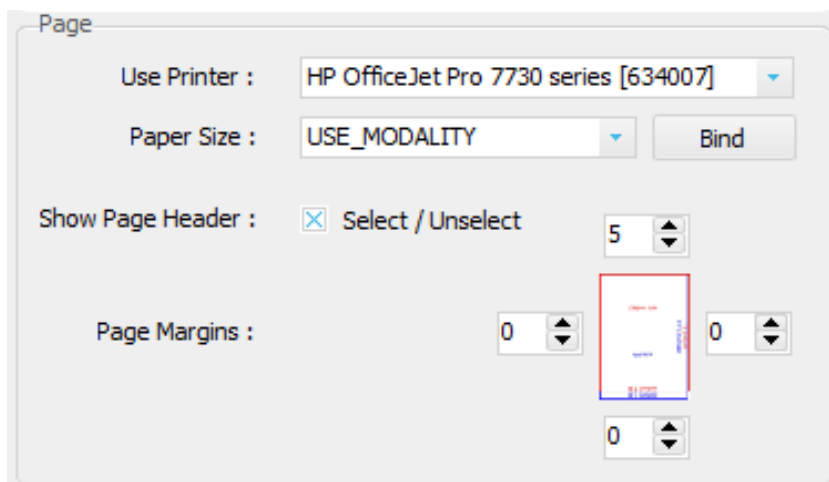
Here you can add or delete new profiles. Keep in mind that you can't delete the Default profile.

AE-Title section



You can change the AE-Title of the selected profile.

Page section



Use Printer

You can select your printer or export to Jpeg or PDF.

Paper Size

Select your Paper size or select USE_MODALITY.

The most standard paper sizes are available.

USE_Modality

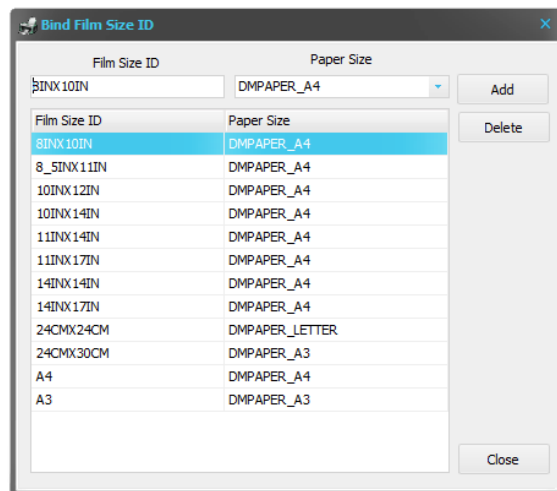
When this selection is made the DCMprinter software will Bind the Film Size ID to your preferred paper size.

You can change the binding at the **Bind** button.

Bind film Size ID

Here you can select your preferred paper size.

Add or delete a binding.



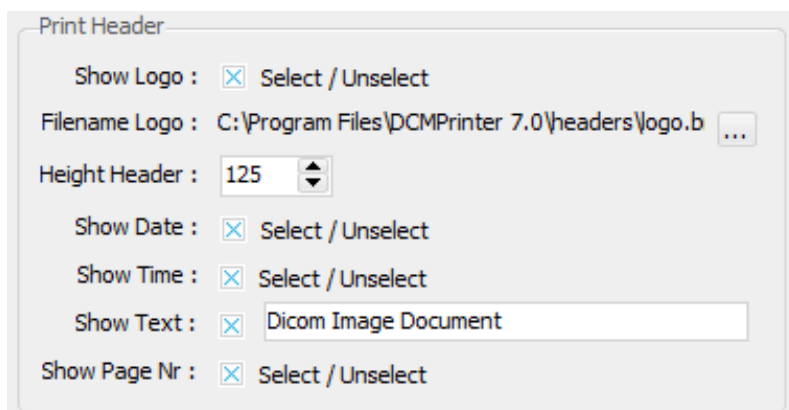
Show Page Header

Select or unselect the header on the output print.

Page Margins

Depending on which printer you use you can change the margins as preferred.

Print Header



Show logo

Select or unselect your logo on the output print.

Filename Logo

Add your own logo in Bitmap format.

Height Header

Change your preferred height of the header. The points that you need to select are depending on which printer that you use. But 125 is a good number to start.

Show date

If selected the current date will be printed in the right top corner.

Show Time

If selected the current time will be printed in the right top corner.

Show Text

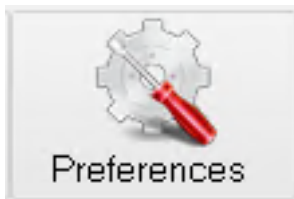
If selected your additional text will be printed in the right top corner.

Show Page Nr.

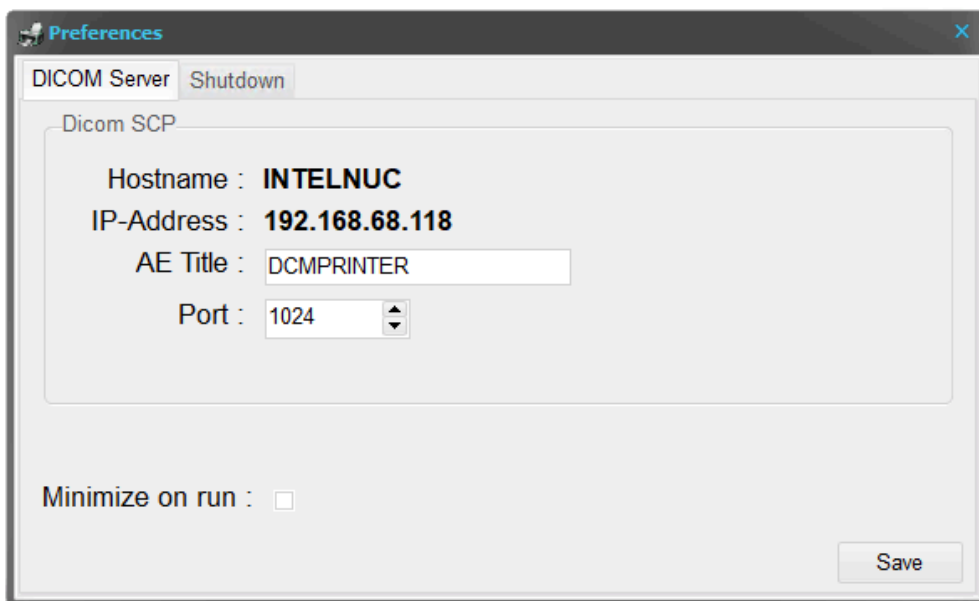
If selected the page number will be printed in the right top corner.

Save

If you made some changes in the profile, don't forget to save. Otherwise the settings are lost.

Preferences

Here you can change the Dicom Print server, shutdown or restart settings.

Dicom Server**Dicom SCP (Service Class Provider)**

These settings are important to configure your Dicom node on your medical device.

Hostname

Is automatically fill-in.

IP-Address

Is automatically fill-in.

AE Title

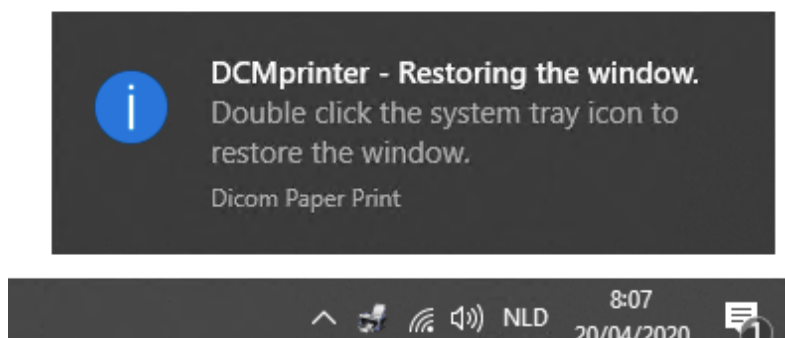
Standard DCMPRINTER is used, but you can edit this with your own AE Title.

Port

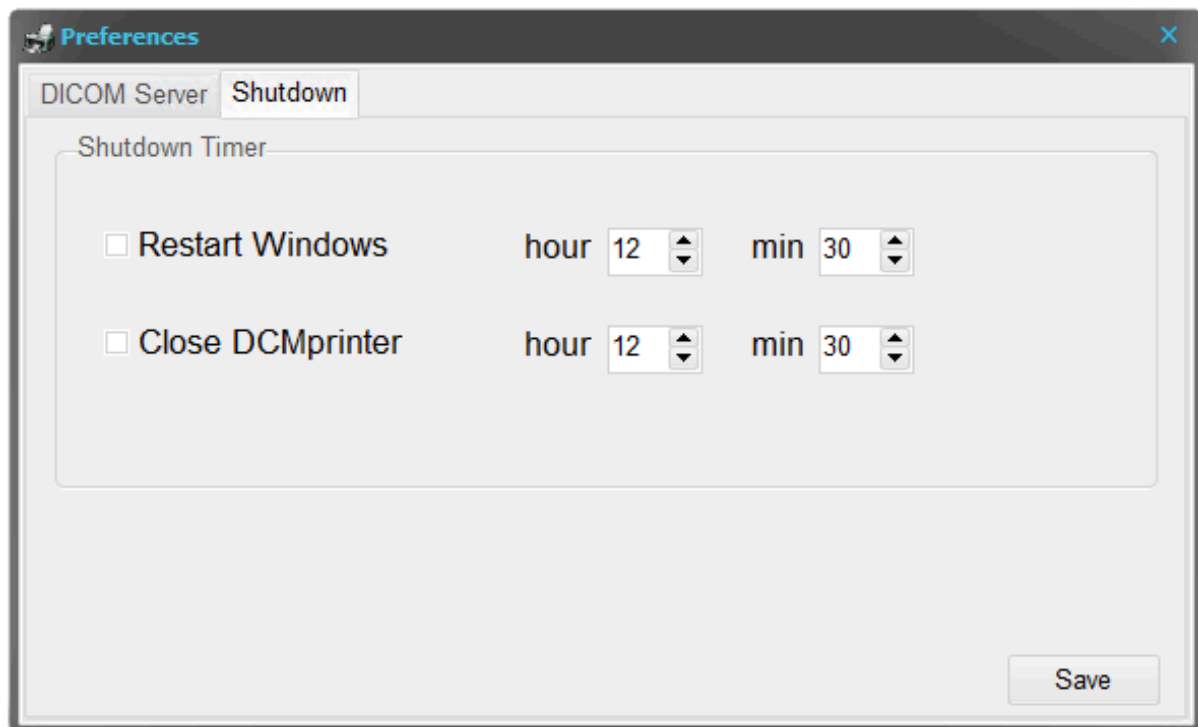
Standard the port 1024 is used, another common port number is 104.

Minimize on run

If enabled the DCMprinter software start in minimized mode. To bring up the screen you need to click on the DCMprinter icon in the systray (Windows Notification Area).



Shutdown



Here you can configure to restart Windows automatically, at night for instance. Or just close the DCMprinter application.

Restart Windows

When enabled Windows will restart at given time.

Close DCMprinter

When enabled DCMprinter will Close at given time.

About



Here you find the license agreement. Keep in mind that the DCMprinter software cannot be used for Medical Diagnosis. You can only use it for documentation purpose.



Close

Like it says, to close DCMprinter. At this point your screen position will be saved and the next time you start DCMprinter it will open in the exact place.

