



Ergosoft 16

Quickstart Guide



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Introduction

Setting up a RIP Software to run your digital printing production may seem like a daunting task at first, but with Ergosoft 16 and a little help from this guide, you'll find yourself designing, printing and cutting in no time. This guide will take you through the initial steps of the installation, setting up your first Print Environment all the way up to your first printout using a PrintQueue. If this is the first time doing this, it may take you anywhere from 10 to 20 minutes. Experienced users can fly through this process in minutes, but let's take our time for now.

Note that this guide is meant to get you printing as quickly as possible to give you an overview of the setup and the printing workflow in Ergosoft 16. It does not cover the recommended density linearization and profiling process to achieve the best possible output results

For clarity, we'll assume that this is the first Ergosoft 16 installation on this system, though update installations work much the same way.

Preparation

Before we begin with the installation, let's make sure we have everything ready:

- Download the Ergosoft 16 installation file to your computer and place it into an easily accessible location (modern browsers will often put the file into Windows' Download folder by default).
- Take the CodeMeter USB Dongle out of the box and plug it into a USB port on the system where you are installing the Ergosoft RIP. (If you are using Network Licensing, you may plug it into a different computer that will act as license server.)
- Make sure you have the License Activation Ticket at hand. Most likely you will have received this from your Ergosoft RIP vendor or from Ergosoft directly. It is a simple hyperlink that looks something like this: <http://license.ergosoft.net/depot/get.php?id=Z794S-TVUGW-7RFX9-ZPEZL-TJKCK>
- A stable Internet connection is required to activate the Dongle license.
- Make sure you have at least 800MB space available on the harddisk you intend to install Ergosoft 16 to.

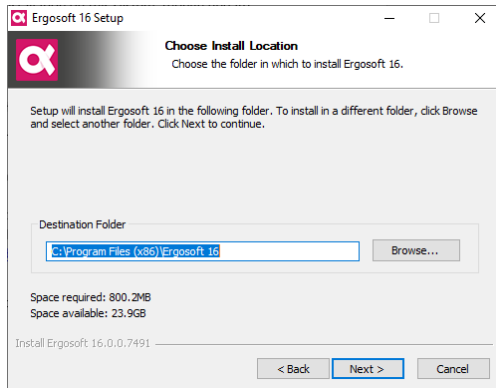
Got everything? Great! Now we're all set to begin the installation!



Beginning the Installation

Navigate to the location of the installation file and doubleclick it. The setup routine will begin and start preparing the necessary files and launch the setup Wizard.

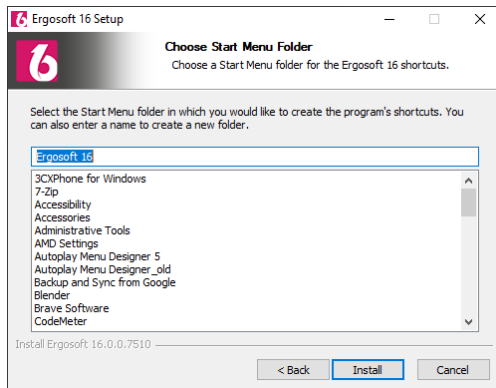
When the setup window appears, confirm the first one by clicking **Next**, then **Accept** the License agreement to proceed with the installation.



In the following window you'll be asked to select the installation folder. This is where all the default program data will be stored (user specific data such as Print Environments, settings etc. are stored in a separate user data folder that we will choose in a later step).

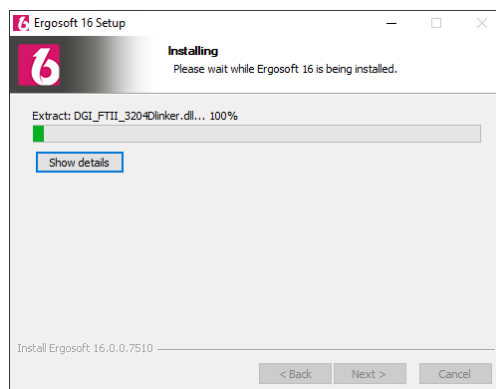
In most cases you can leave this as default, but you may of course choose a custom location by clicking the **Browse...** button and navigate to your desired installation path.

When you are done, confirm by clicking **Next**.

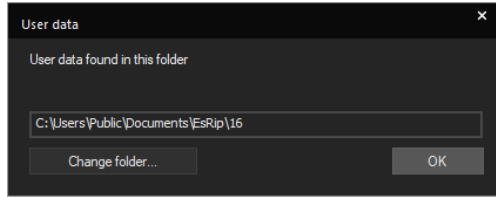


Choose the Start Menu Folder you want to create for the Ergosoft RIP. In most cases you can leave this as default, but you may of course choose a custom location by entering it into the text field or by selecting one from the list.

When you are done, confirm by clicking **Next**.



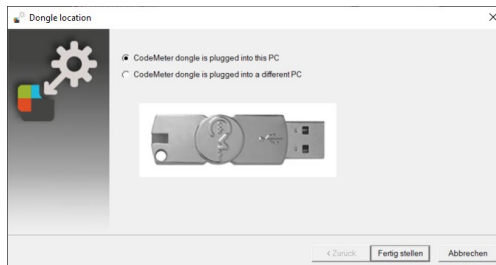
The installation Wizard will then begin copying files to your harddrive. This can take several minutes. Do not turn off your system while the installation is in progress.



Towards the end of the installation, a prompt will appear asking you to select a path for the *User Data* folder. This is the folder where all user specific data will be stored such as your settings, Print Environments, profiles etc.

In most cases you can leave this as default, but you may of course choose a custom location by clicking the **Browse...** button and navigate to your desired installation path.

If you have a previous installation of Ergosoft 16 with settings that you want to take over, make sure to select the same *User Data* path as before. Confirm with **Ok**.



Next you will be asked whether the Dongle is plugged into the local computer or a different computer in the network (If you want to use network licensing).

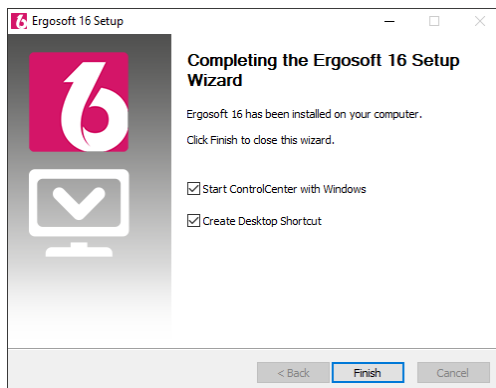
If the Dongle is plugged into the PC you are working on, select *CodeMeter Dongle is plugged into this PC*.

If the Dongle is plugged into a different PC in the network, select *CodeMeter Dongle is plugged into a different PC*. This will bring up the Dongle Server window.

Enter the network computername or IP address of the computer that has the dongle plugged in, or click **Browse...** to search for it manually in the network view. Once selected, click **Finish** to confirm.

When you have selected the Dongle location, click **Finish** to confirm your selection.

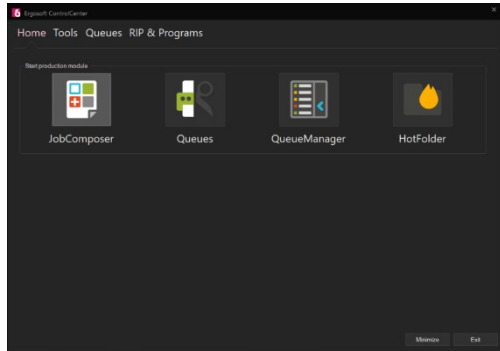
If you don't have a license on the Dongle at this point, the licensing dialog will pop up here. Follow the instructions in the dialog to activate the license ticket. The simplest way is to click the hyperlink you received from your Ergosoft RIP vendor or Ergosoft directly, doublecheck the selected Dongle and license items and click the **Activate** button. This will begin the license transfer to the Dongle. Wait until it finishes.



Click **Next**, then **Finish** to complete the installation process.

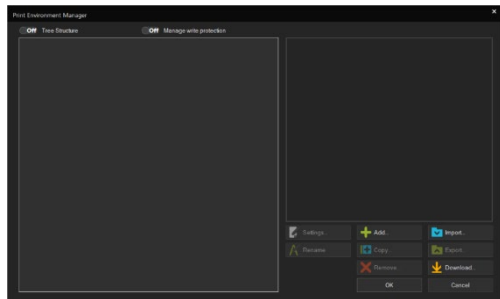


Starting Ergosoft 16 and Initial Configuration



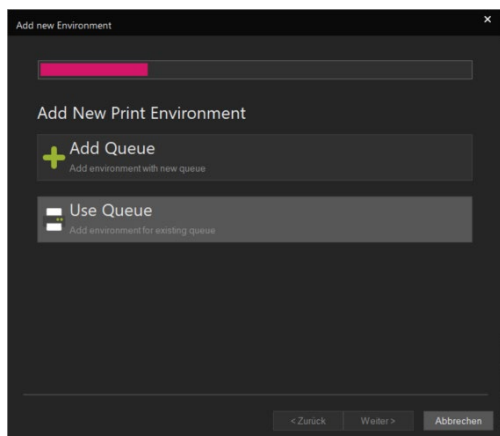
When first starting Ergosoft 16 it is recommended to start it through the Ergosoft 16 Control Center as this will also start and configure the necessary utilities.

Go to *Start > Programs > Ergosoft 16* and select **Control Center**. The Control Center Utility will launch and also start the necessary background processes. In the Home tab, click the **JobComposer** Icon to start.



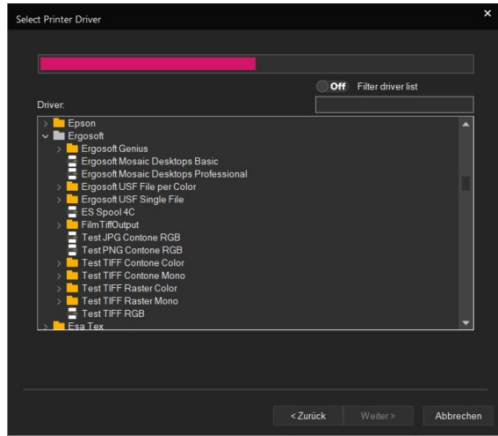
On first launch, you'll first be presented with the *Print Environment Manager* window. This lets you define a Print Environment for your printer. *Print Environments* can be thought of as a set of bundled settings and configurations for your printer. They contain the «driver» to run the printer, the print settings such as resolution, passes, as well as the port settings and more.

So to get to the JobComposer, we'll need to set up a Print Environment first, and that's exactly what we'll do now.



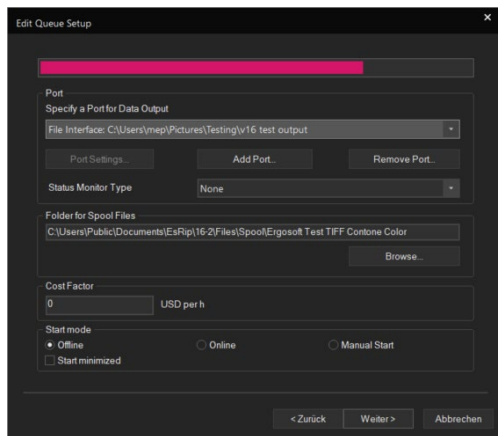
Click the **Add...** button to set up a new *Print Environment*. If you have existing *Print Environments* or want to check if Ergosoft already provides ready made Print Environments for your printer model, use **Import** or **Download** respectively.

You'll be asked if you want to use an existing Queue or create a new one. Since we don't have any Queues in this new installation, we'll select *Add Queue* and click **Next**.



From the list, select the printer model that corresponds to your printer. If you cannot find your specific printer model, make sure that you have a license for this printer. Some printer models are also only available in the 32bit version of Ergosoft 16, so if you have 64bit installed, make sure that the printer is actually supported in 64bit.

When you have found your printer, click **Next** to get to the Port Configuration window.



Select the *Port type* and configure it to connect to your printer.

Set the *Spool Folder* where the RIP will store temporary raster data for Jobs sent to this printer. This should be on a disk that has sufficient space available as raster data can quickly get huge.

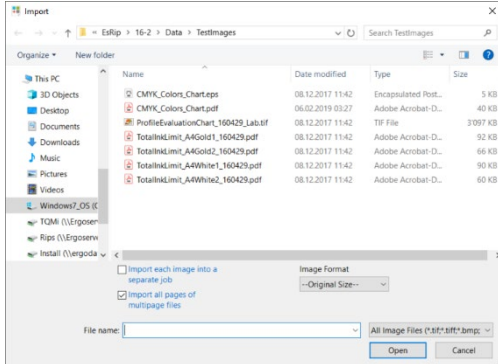
We'll skip the cost factor for now and leave start mode for the PrintQueue set to *Offline*. Click **Next** and set a name and optionally a description for your new *Print Environment*. Click **Finish** when you are ready to proceed.

Your new *Print Environment* will be created and instantly open the *Print Environment Settings*. This is where you can adjust your settings such as resolution, passmode, ink assignment, etc. Check through the tabs and verify if the settings are alright for you. For more details on the individual settings, check the Print Environment Settings chapter in the [Ergosoft 16 Online Documentation Portal](https://www.ergosoft.net/Documentation/Print-Environment-Settings). For now lets move on and confirm with **Ok**.

Click **Ok** again in the *Print Environment Manager* to close it, since we now have a *Print Environment*, this will launch the JobComposer.



The First Printout

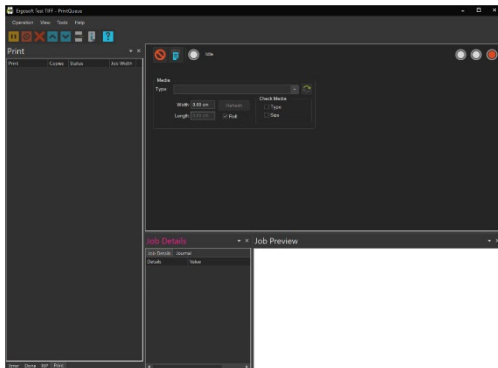


Now that we have everything configured, we can launch our first print. Import an image into the JobComposers Job view by clicking on the **Import** button in the Toolbar, by going to *File > Import Image*, or by right clicking in the Job and selecting *Import Image*.

Browse to an image file, select it and confirm with *Ok* to bring it into your Job.

From here you can make adjustments such as scaling, etc. by selecting the image and using the *Properties & Actions* pane on the right side of the *JobComposer*.

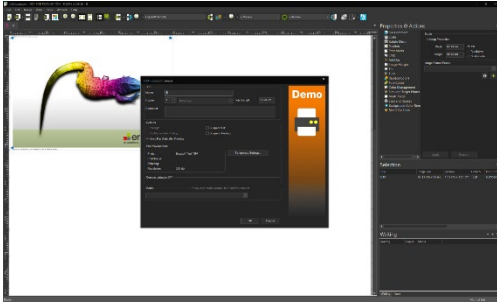
Next lets start our *PrintQueue* that we configured during the *Print Environment* setup. Click the *PrintQueue* Icon in the Toolbar or go to *Tools > PrintQueues* and select the one we created before.



The *PrintQueue* window will open. Take a quick look around to familiarize yourself with the layout. To the left you'll see the waiting list for printouts.

Since we configured the *PrintQueue* to start *Offline*, you'll notice that the *Offline/Manual/Online* buttons on the right side are set to *Red/Offline*. In this state the *PrintQueue* does not communicate with the printer and any *Jobs* are placed in the waiting list. Lets set it to *online* now by clicking the rightmost button so it turns green.

The *PrintQueue* is now set to *Online* and will send any printdata it receives from the *JobComposer* directly to the printer. Now we are ready to send our *Job* to the printer!



Go back to the *JobComposer* window, double-check if your image dimensions and other settings, then click the Print button in the Toolbar or go to *File > Print...* The *Print Options* dialog will appear, letting you doublecheck your *Print Environment* and Media settings one more time.

When you are satisfied, click **Ok** to launch the print job. After a moment, you should see it appear in the

PrintQueue where it will display the raster and printing progress.

You should also notice the printer firing up as it begins to receive data. Printing should begin shortly and present you with the first of many great printouts from Ergosoft 16.

Of course, there is a lot more to configure, optimize and learn in Ergosoft 16, but at this point you already have an idea of the printing workflow and some of the components involved. From here, we would recommend to move on to the Output Calibration section in the [Ergosoft 16 Online Documentation Portal](#) to begin calibrating your print output with a Density Linearization, Total Ink Limit and Profile to achieve the best possible printing output.