Quick start guide

Océ Touchstone ALPS Engine

A CANON COMPANY

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Chapter 1
Introduction

What Océ Touchstone can do for you

Océ Touchstone consists of two main software components that assist you to **design** and **print** elevated artworks.

The **design** part of Océ Touchstone is called Océ Touchstone Extensions.

The **print** part of Océ Touchstone is called Océ Touchstone ALPS Engine.

This guide describes the Océ Touchstone ALPS Engine.

For the Océ Touchstone Extensions a separate guide is available.

About the users

This information is written for **RIP operators**.

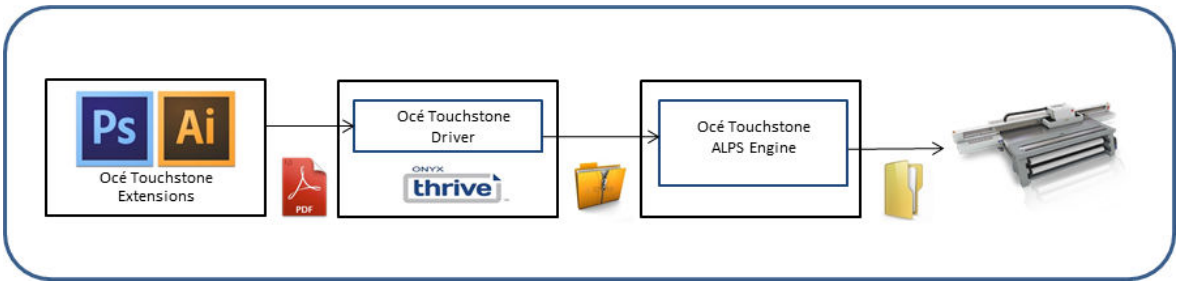
The Océ Touchstone ALPS Engine supports the RIP operator in printing elevated artworks.

The software transforms the processed jobs, received from the Océ Touchstone Driver for Onyx into a set of print files for the Arizona printer.

When you install the Océ Touchstone ALPS Engine, a separate user interface is automatically installed on your system. Via this user interface the RIP operator can do the following:

- Display the [Job queue] to get an overview of the status of all the jobs that are currently being handled by the Océ Touchstone ALPS Engine.
- Display the [History of events].
- Delete or resume print jobs.

The workflow



Notes for the reader

Typography

This manual uses the following typography to indicate elements that are part of the user interface.

Typography	Indicates
[Text between square brackets]	Name of a button, tile, setting, value, or other option of the user interface
<Text between angle brackets>	• Name of a key on a keyboard • Name of a variable: item that varies according to the context
`Text displayed in courier font`	• File path • Command Prompt comment
[Text] →[displayed in] →[menucascade]	Names of options to be used in a fixed order

Symbols

This manual uses the following symbols to indicate requirements, restrictions and clarifications.

Symbol	Type of symbol	Indicates
	IMPORTANT	Indicates an operational requirement or restriction. Read these items carefully in order to prevent damage to equipment, software, data, media, or property.
	NOTE	Indicates a clarification of an operation or contains additional explanations for a procedure. Reading these notes is highly recommended.

Safe use

Safety information

When you operate the Arizona printer you have to take note of the safety precautions and follow the guidelines.

Before you operate the printer read the chapter '**Safety Information**' in the Arizona user manual.

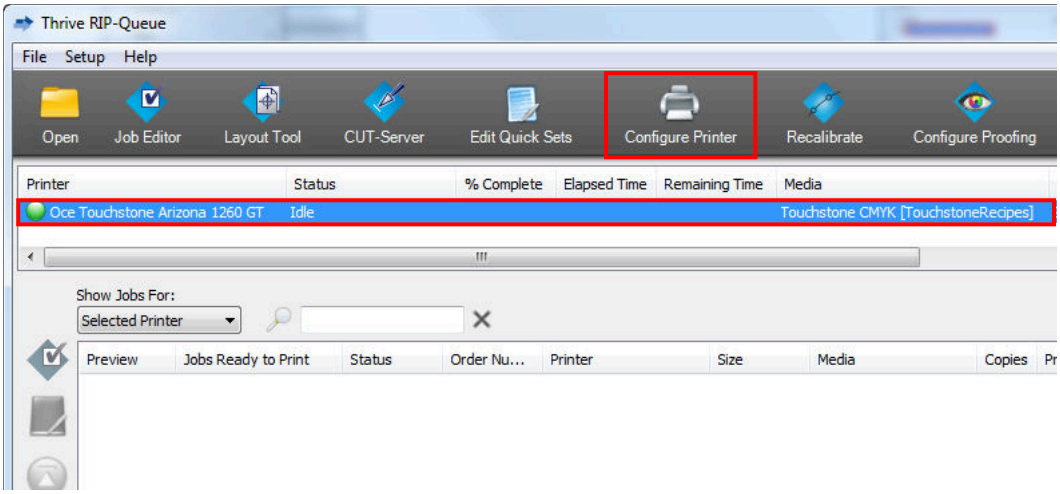
Chapter 2
Configure the printer

When to do

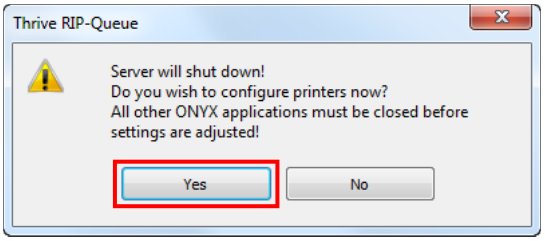
When you have not yet configured the printer after installation of the Océ Touchstone Driver.

Procedure

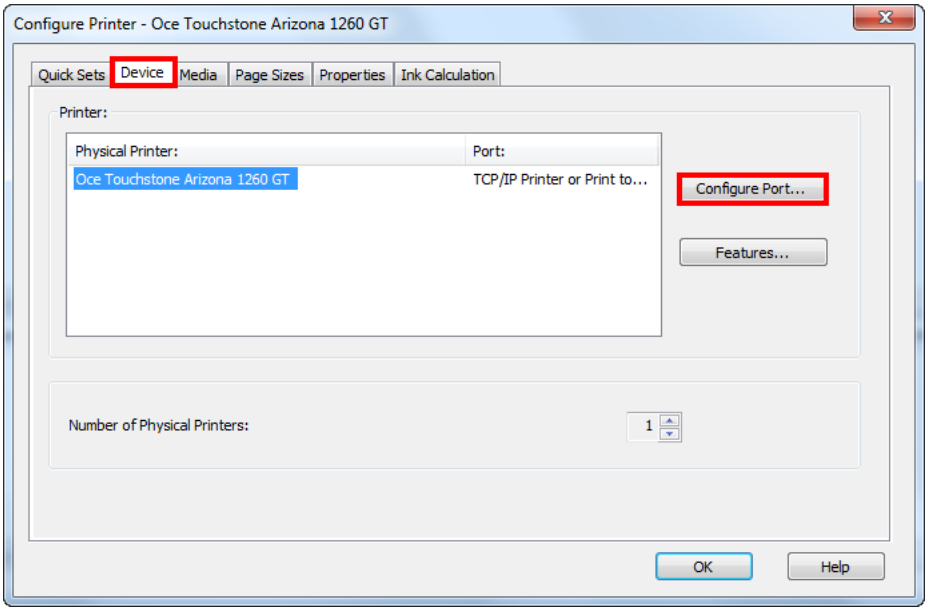
1. Open **Onyx Thrive**, select your printer and click on [Configure Printer].



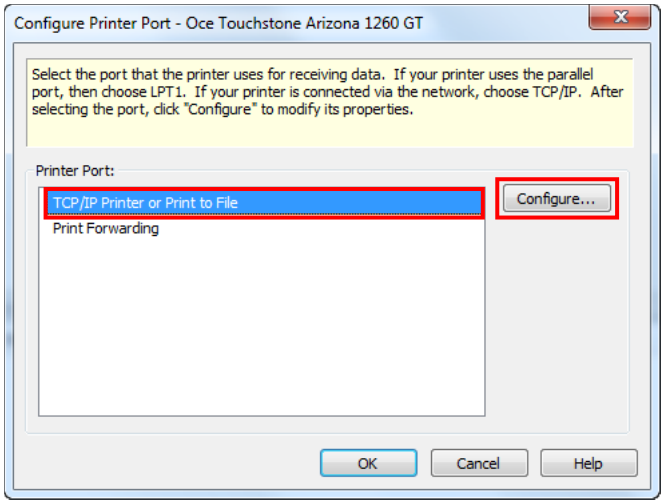
2. Click on [Yes].



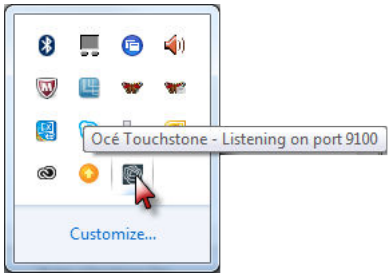
3. Select the [Device] tab and click on [Configure Port].



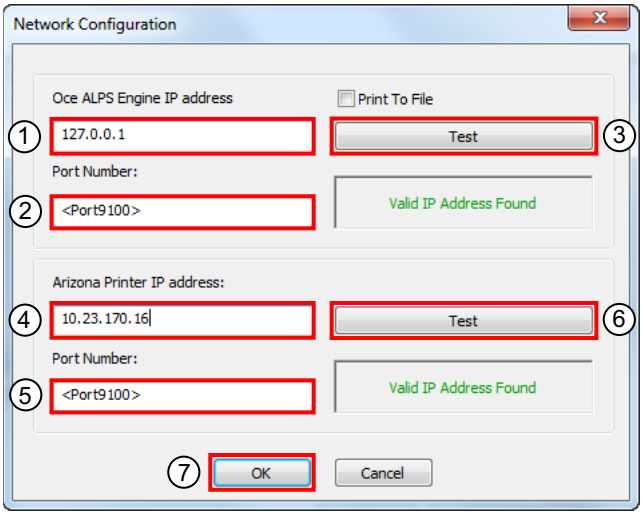
4. To configure the printer port select 'TCP/IP Printer or Print to File' and click on [Configure].



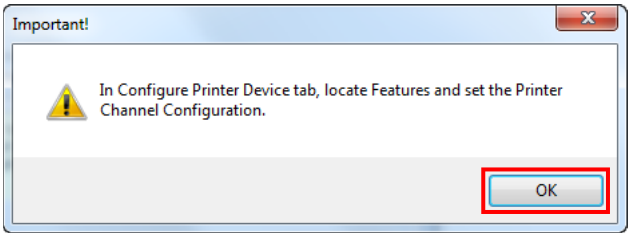
5. Enter the configuration settings:
   1. Enter the IP address of the computer on which the Océ Touchstone ALPS Engine has been installed.
   2. Enter the port number that you have declared during the installation of the Océ Touchstone ALPS Engine.
      You can move your mouse over the Océ Touchstone icon in your system tray to check the port number.



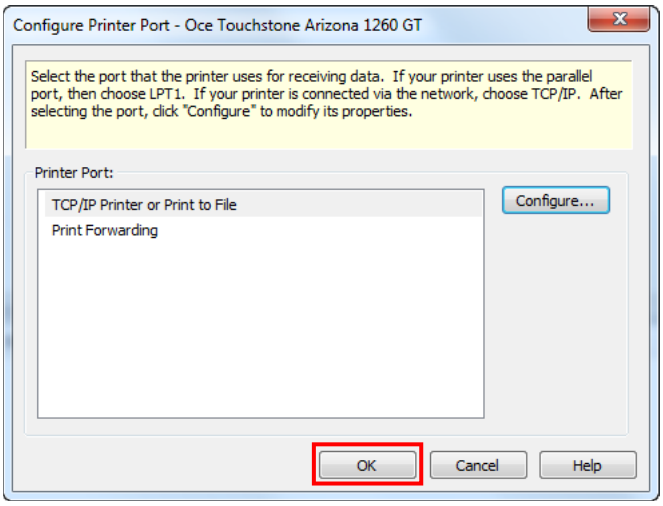
   3. Test the IP address.
   4. Enter the IP address of the printer.
   5. Enter the input port number of your printer (by default 9100).
   6. Test the IP address.
   7. Click on [OK].



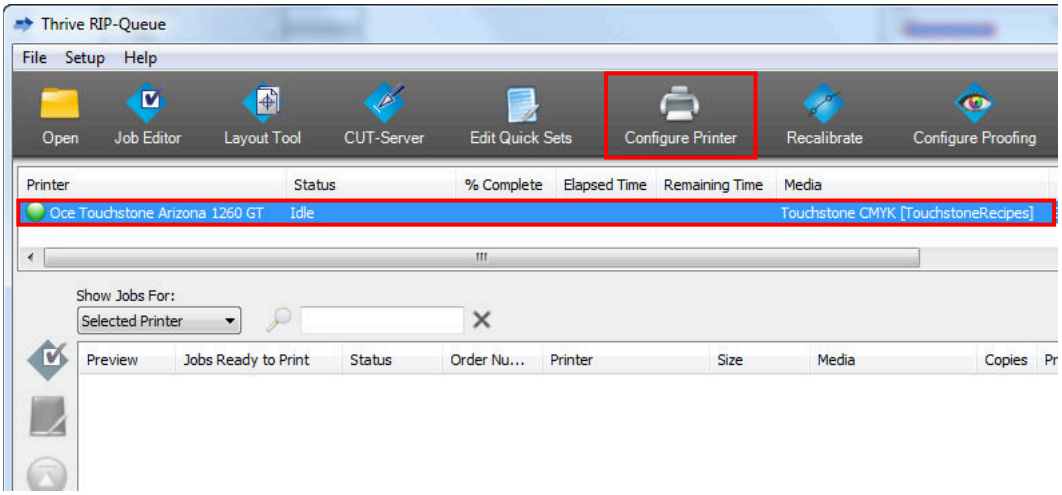
6. Next, you need to go to the Printer Channel Configuration. Click on [OK].



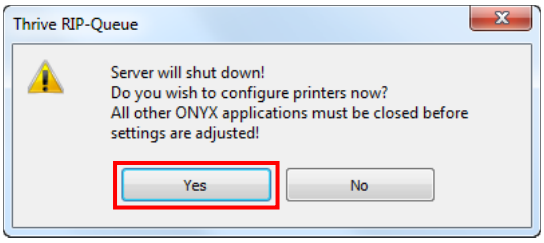
7. Click on [OK].



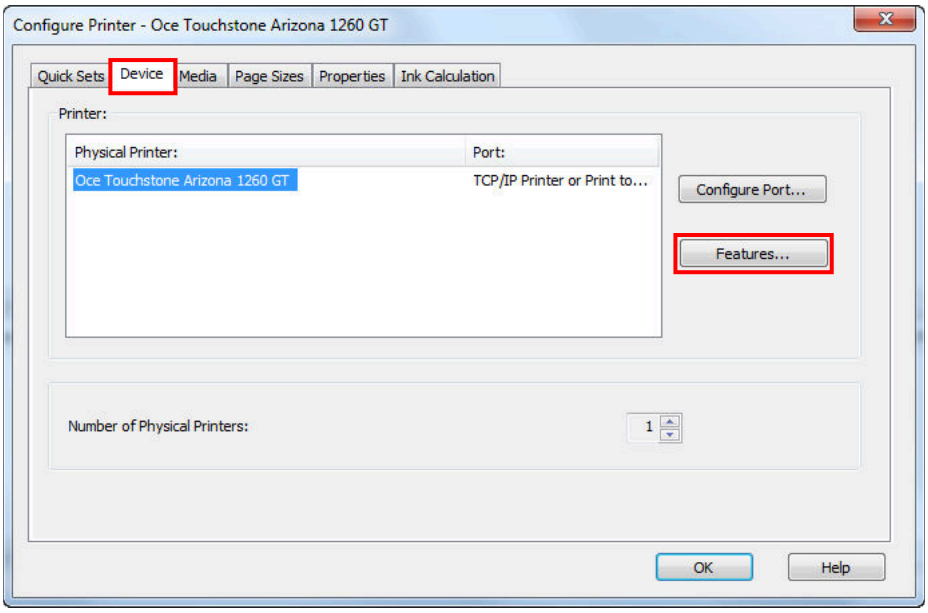
8. Select the Océ Touchstone Driver and click on [Configure Printer].



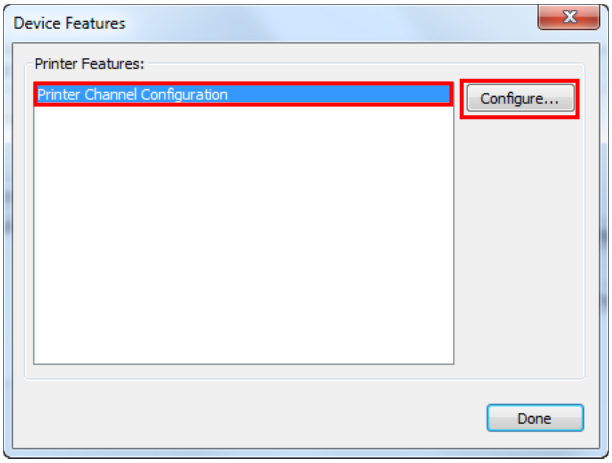
9. Click on [Yes].



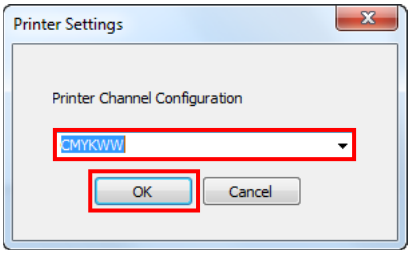
10. Select the [Device] tab and click on [Features].



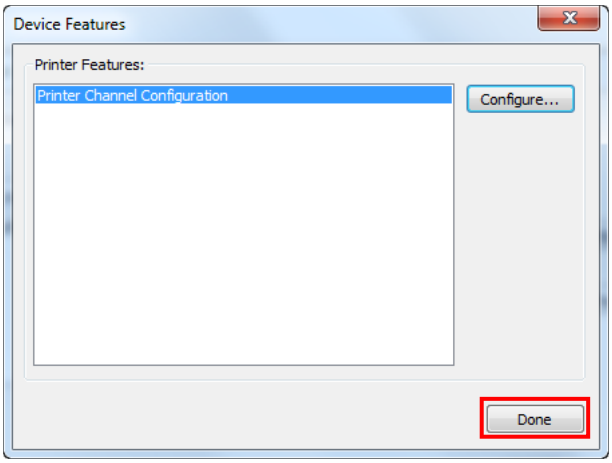
11. Select 'Printer Channel Configuration' and click on [Configure].



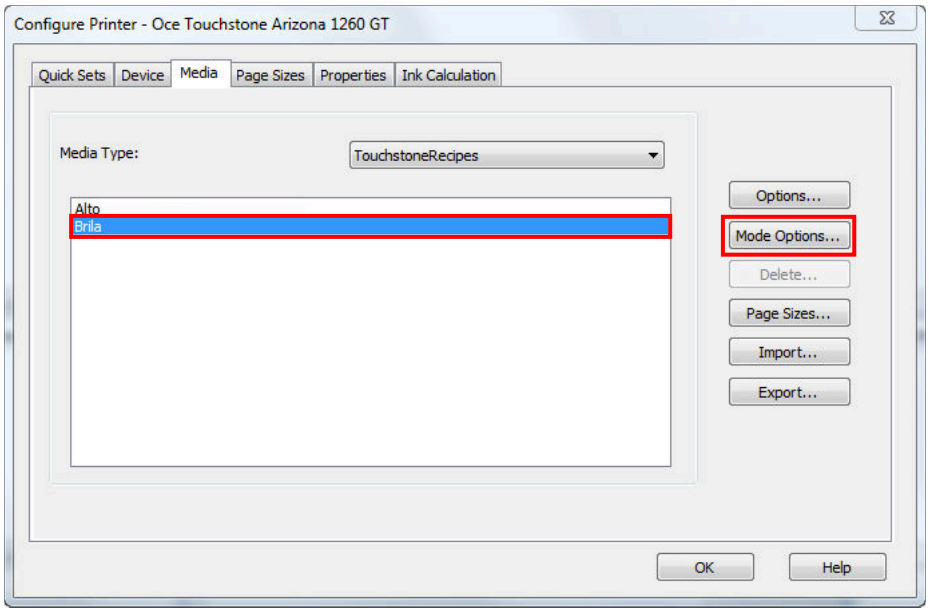
12. Select the correct Printer Channel Configuration and click on [OK].



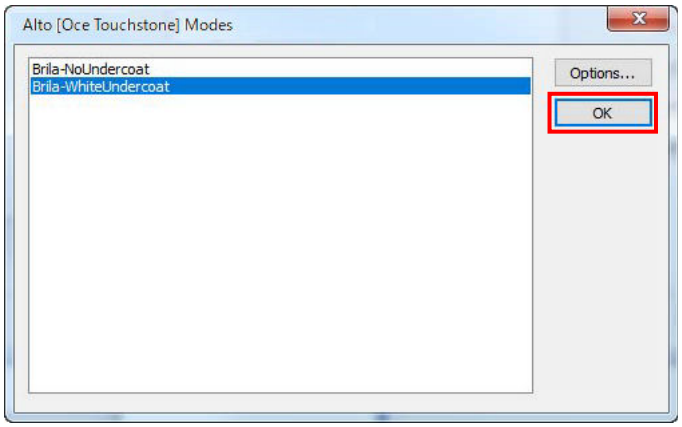
13. Click on [Done].



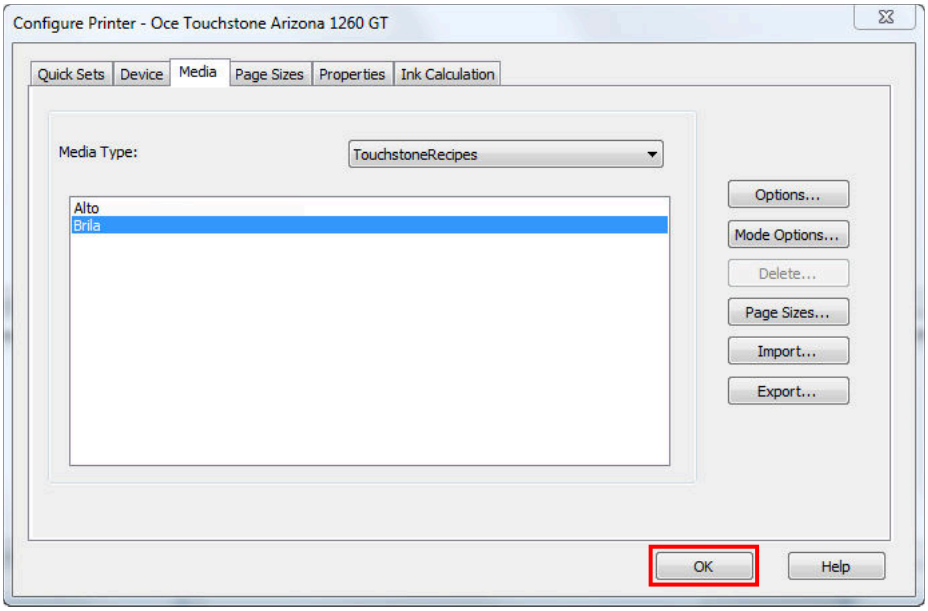
14. Select the [Media] tab, choose the effect type of the elevated artwork that you want to print ('Alto' or 'Brila'), and click on [Mode Options].



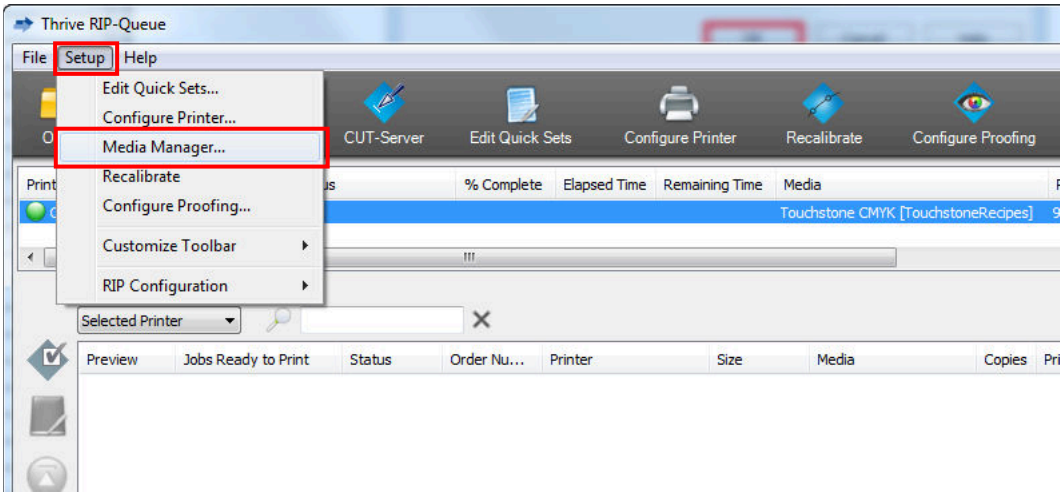
15. Select the effect type of the elevated artwork that you want to print (in this case 'Brila-NoUndercoat' or 'Brila-WhiteUndercoat'). This is a default value, that you can change in the job settings windows before you actually print your artwork. Click on [OK].



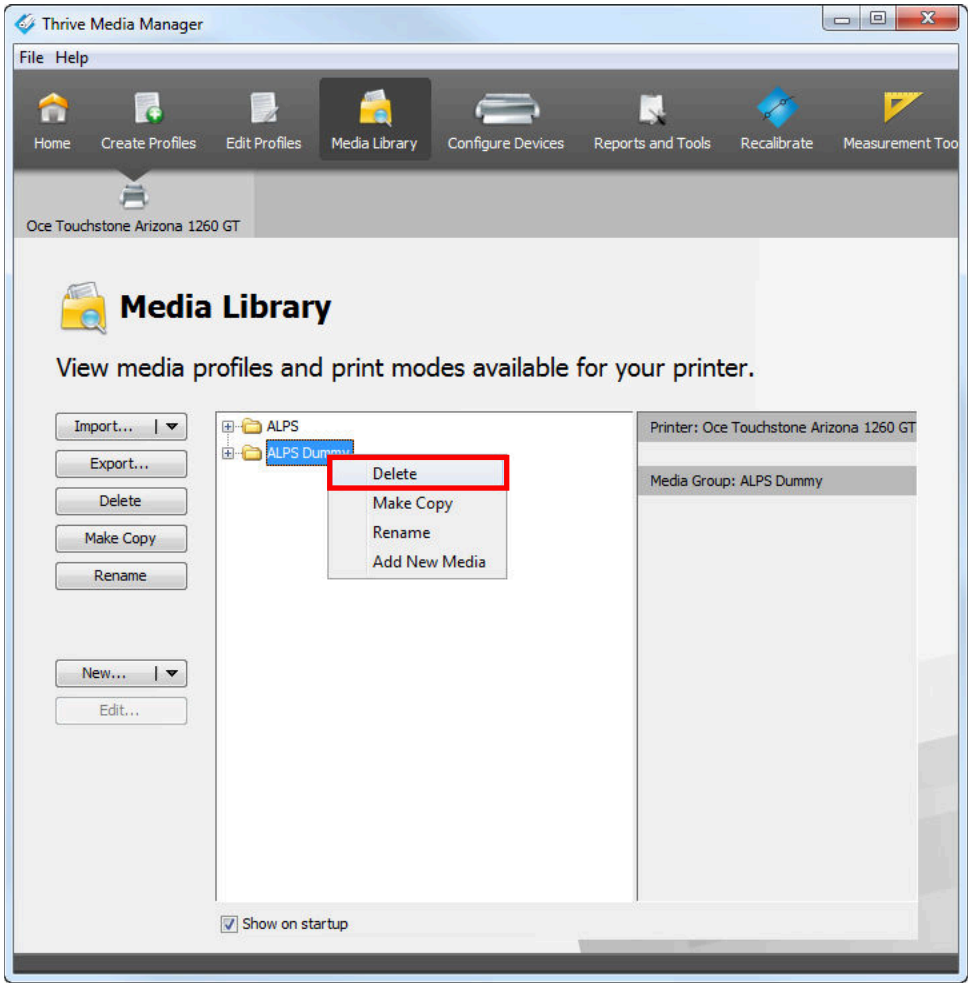
16. Click on [OK].



17. Go to [Setup] and open the [Media Manager].

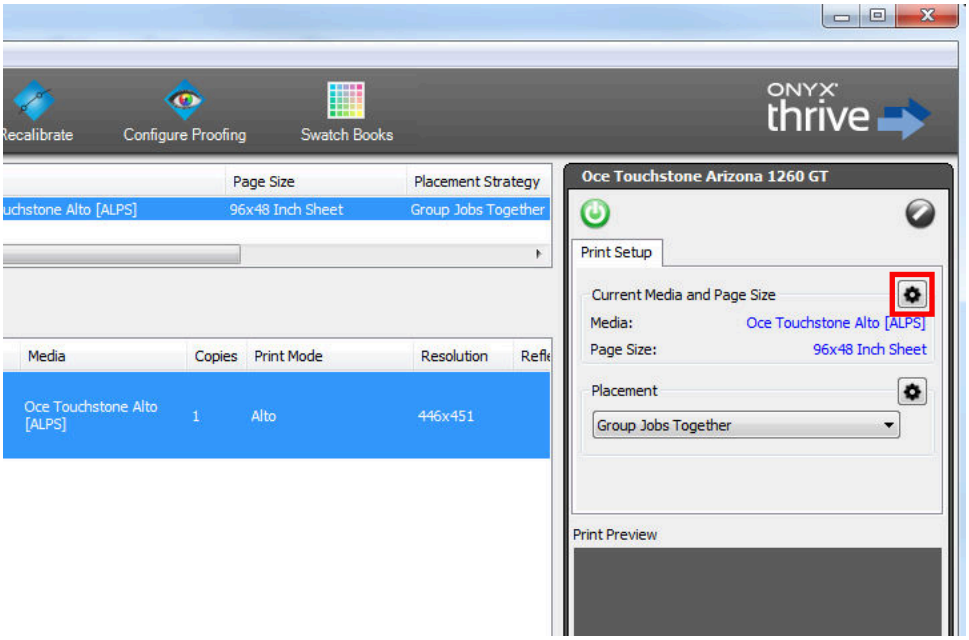


18. Right-click on the ALPS Dummy, click on [Delete] > [OK].

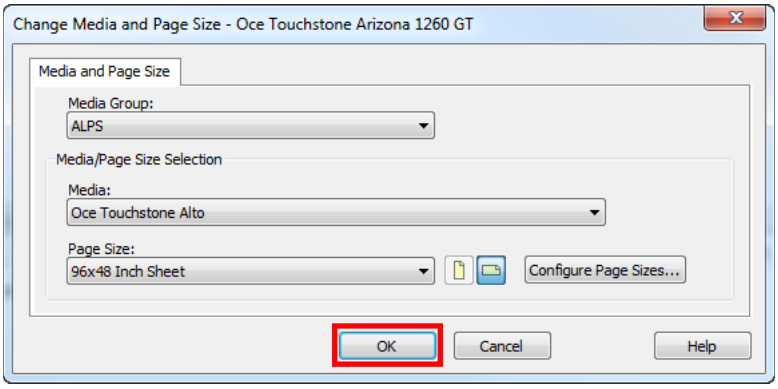


19. Close the Media Manager.

20. Click on the button indicated below to change the media settings.



21. Click on [OK].



Chapter 3

Change media profiles in the RIP (optional)

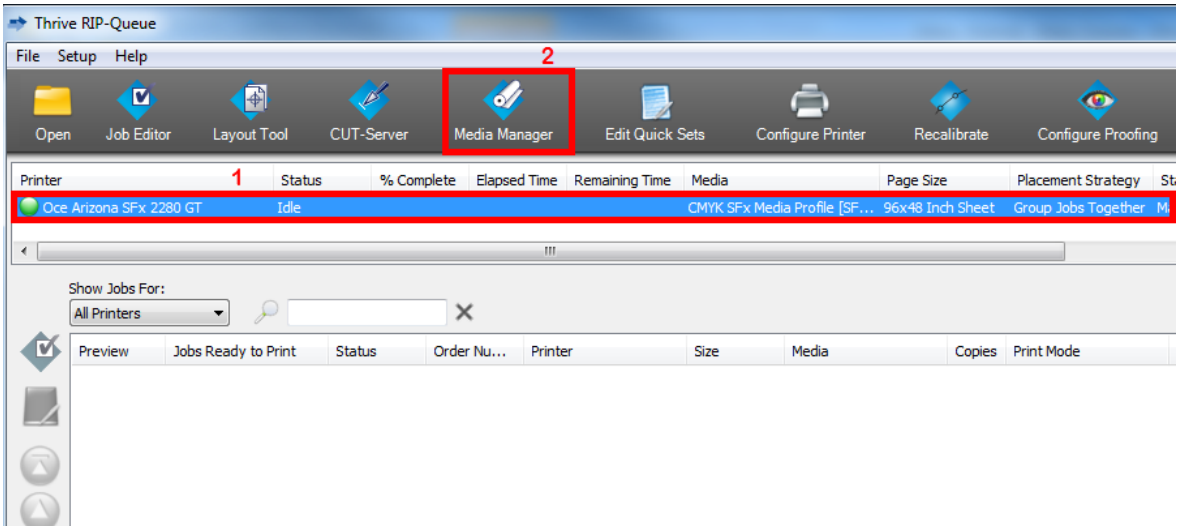
Introduction

By default a standard media profile is selected when the Océ Touchstone ALPS Engine sends a print job to the Arizona printer. When you want to use a different media profile it is advised to copy an existing media profile and change it in the Media Manager.

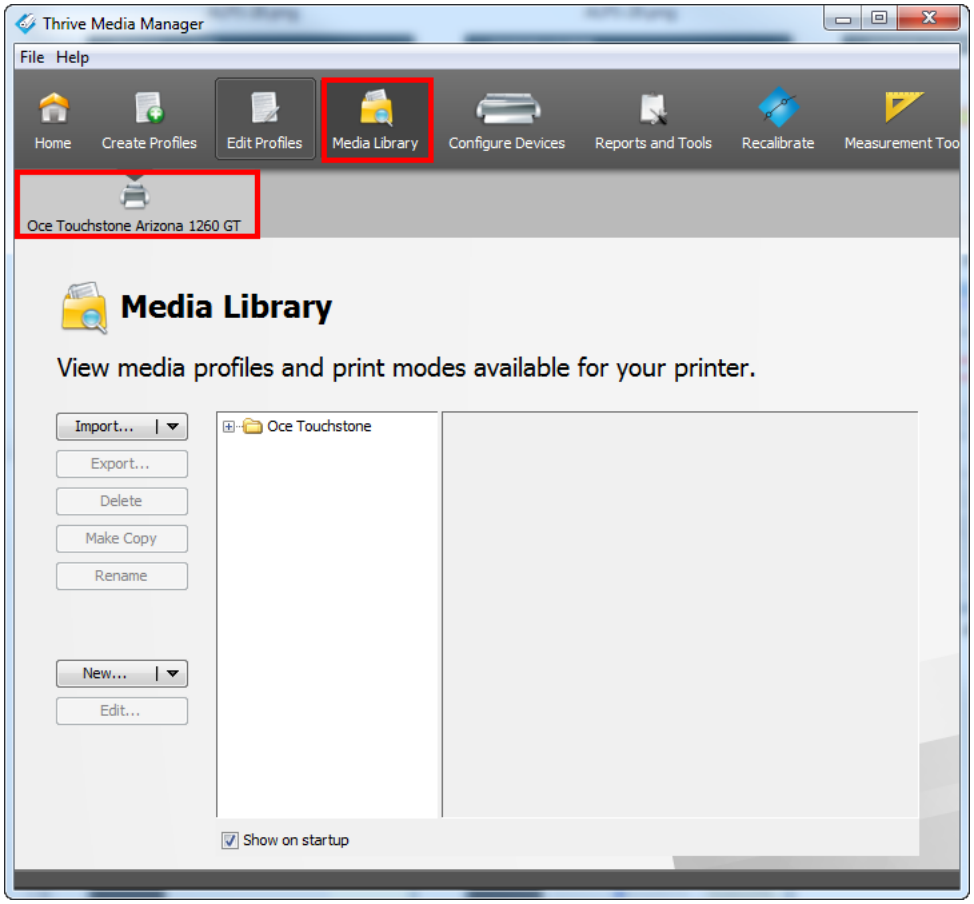
NOTE
This manual provides you with basic information in order to change media profiles. Profiling is an expert task which requires additional information and tools not covered by this manual. Contact your local support organization when you want to create or change media profiles.

Procedure

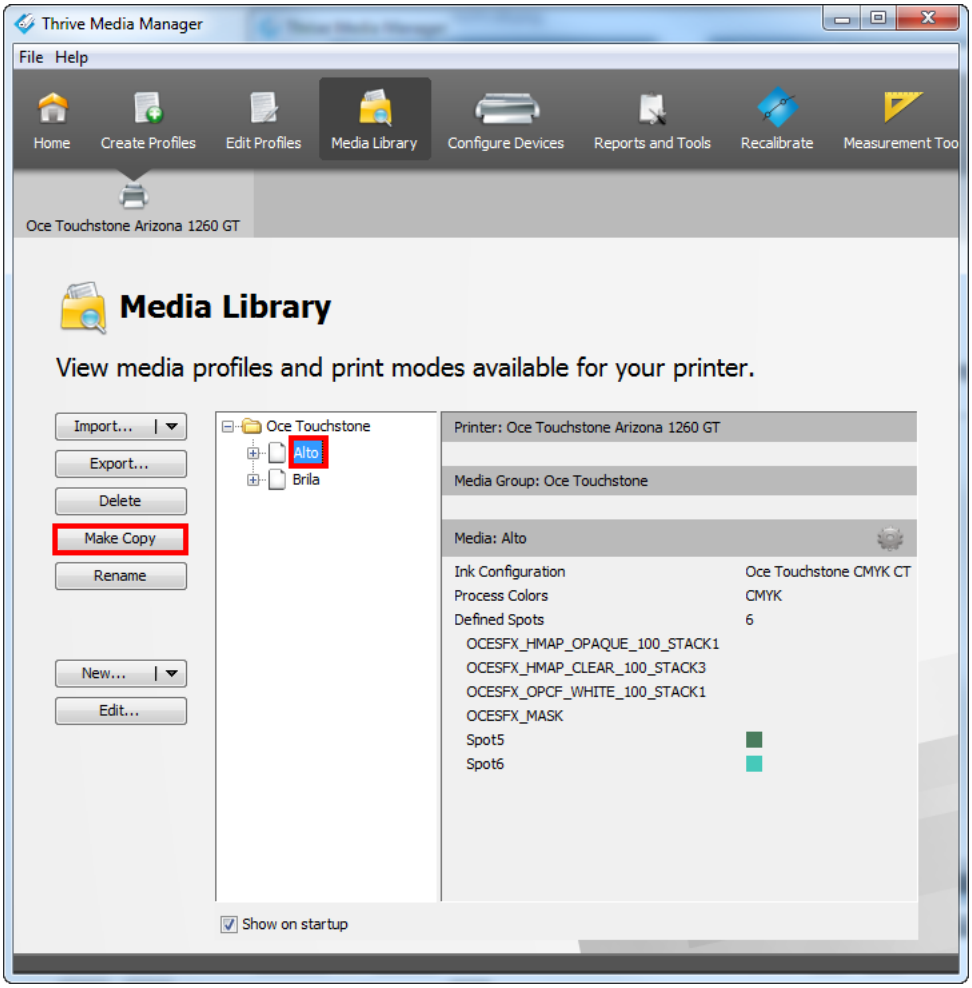
1. Select the Arizona printer and click on [Media Manager]



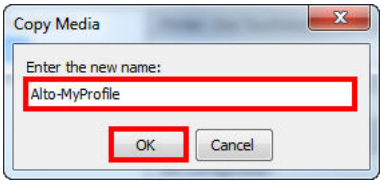
2. Select the Arizona printer icon and click on [Media library] above.



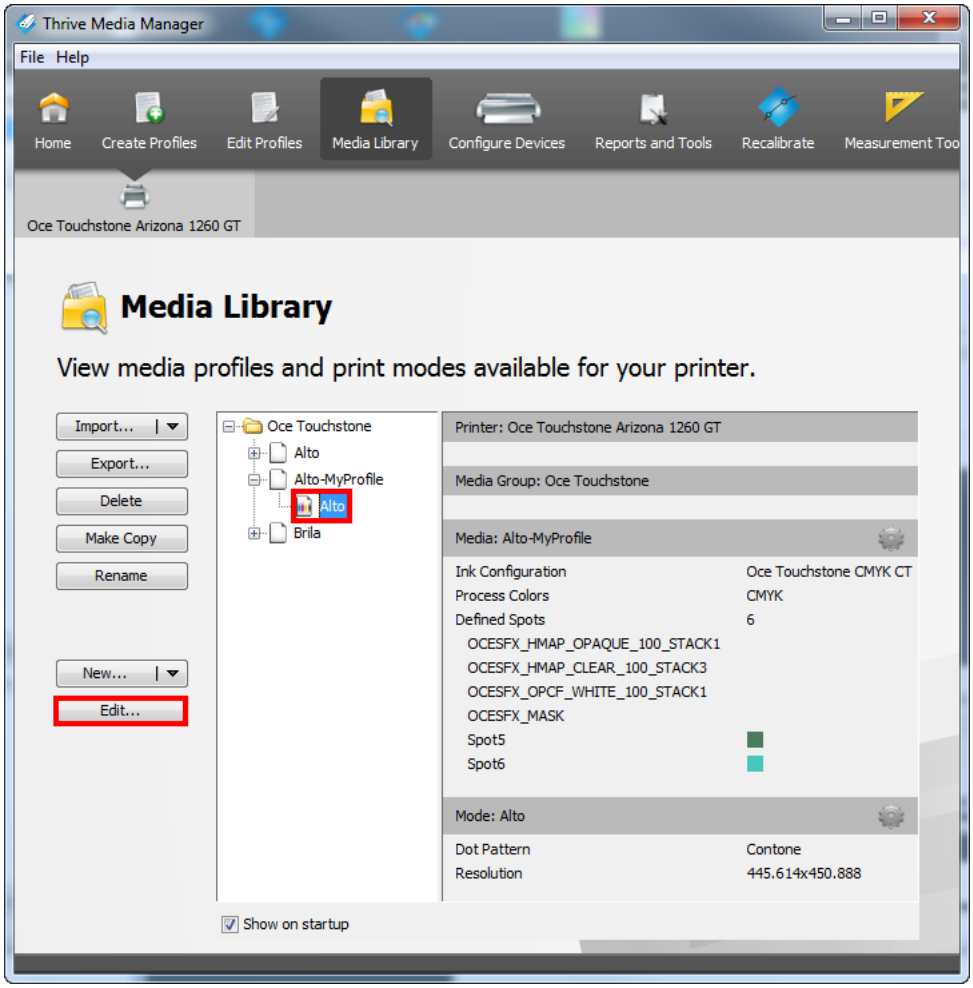
3. Click on the media profile that you want to change and click on [Make Copy].



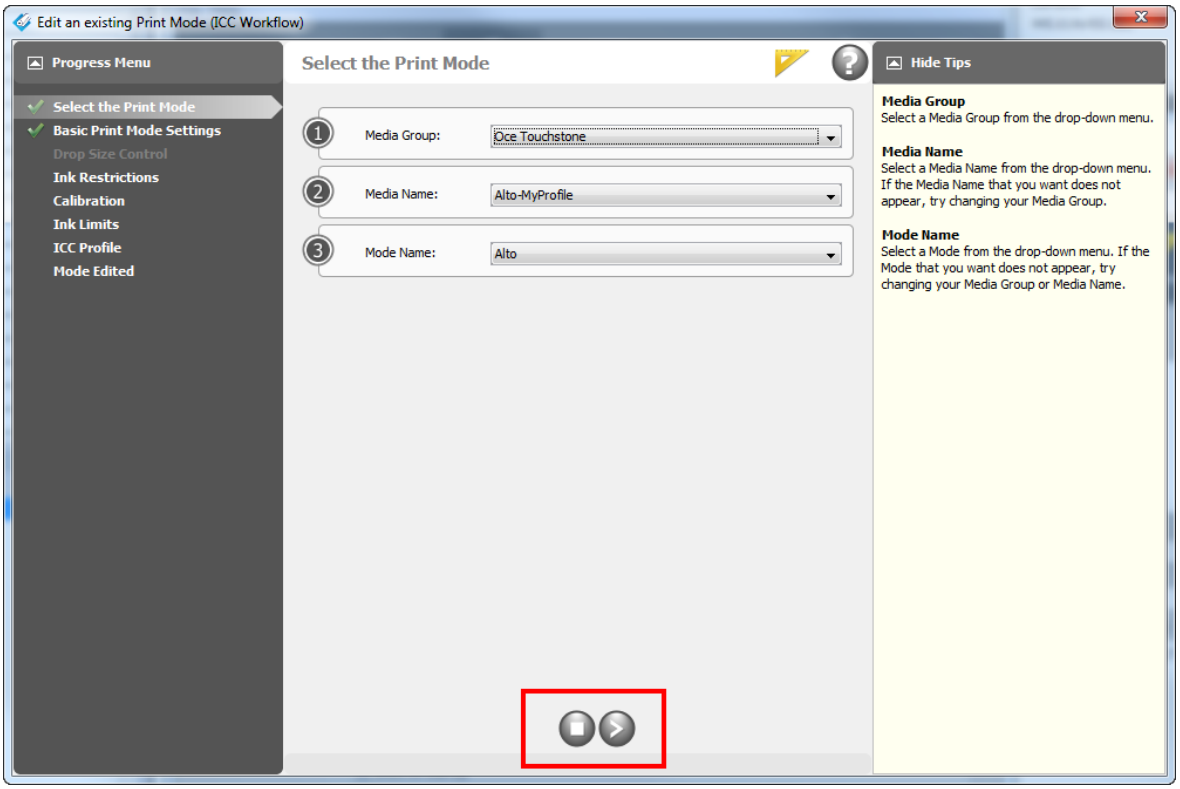
4. Enter a new name for the media profile and click on [OK].



5. Click on the Print Mode and click on [Edit].



6. Follow all the steps to change the Print Mode settings. For more information on the general steps use the Onyx documentation.



IMPORTANT

Some steps in the procedure to edit media profiles and print modes allow you to print test prints or calibration prints:

- [Basic Print Mode Settings]→[Print a Test Image]
- [Ink Restrictions]→[Print Specialty Ink Restriction Chart]
- [Ink Restrictions]→[Print Swatch]
- [Ink Restrictions]→[Print a Test Image]
- [Calibration]→[Print Swatch]
- [Calibration]→[Print a Test Image]
- [Ink Limits]→[Print Swatch]
- [Ink Limits]→[Print a Test Image]
- [ICC Profile]→[Print Swatch]
- [ICC Profile]→[Print a Test Image]

Test prints or calibration prints are printed without elevation. However, when you print a test print or a calibration print with the effect "Alto" or with the Effect "Brila with a white undercoat", the job will be printed on top of a set of white layers. As a result of that these jobs will still have a few layers when displayed in the Océ Touchstone ALPS Engine user interface.

Chapter 4

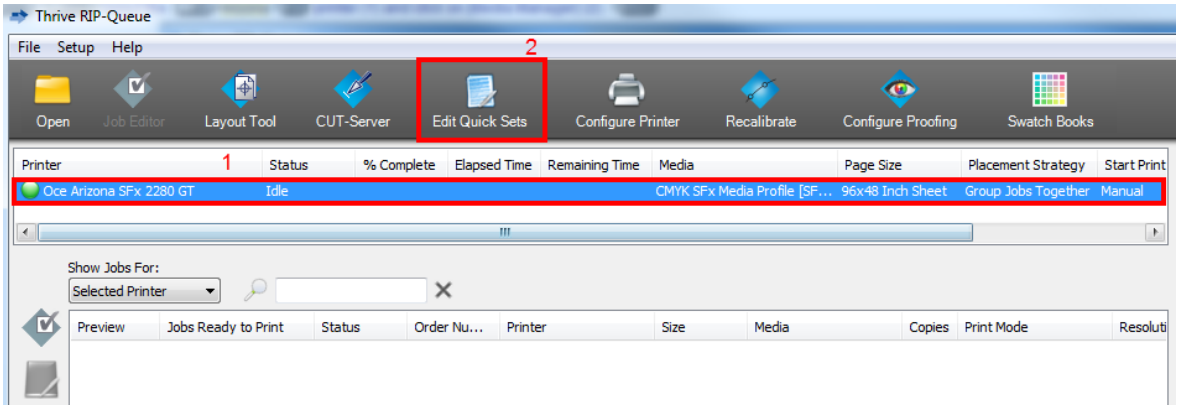
Edit the Quick Set (optional)

Introduction

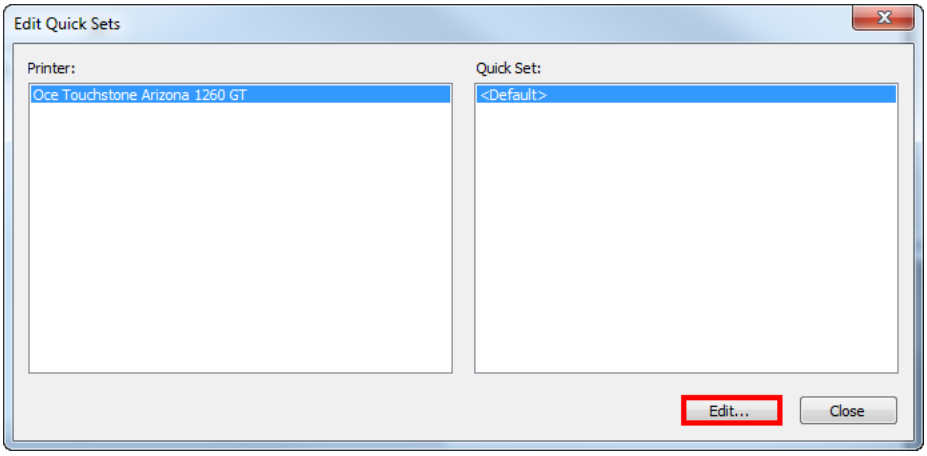
By default a standard Quick Set is selected for the Arizona printer. You can edit this Quick Set via the [Edit Quick Sets] option.

Procedure

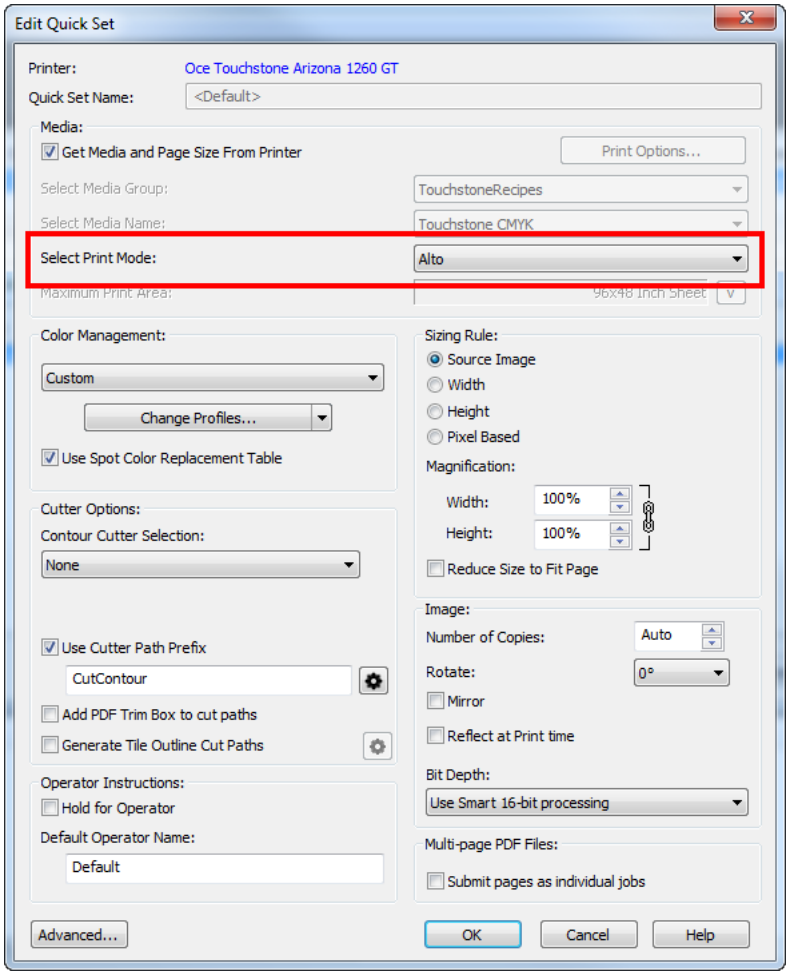
1. Select the Arizona printer (1) and click on [Edit Quick Sets] (2).



2. Click on [Edit].



3. Adjust the settings, if necessary. Click on [OK].

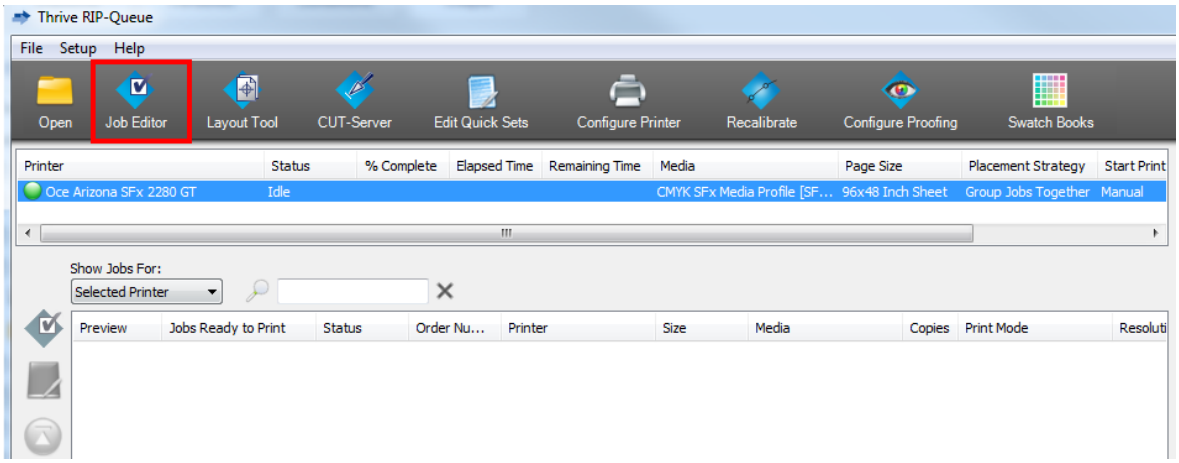


Chapter 5

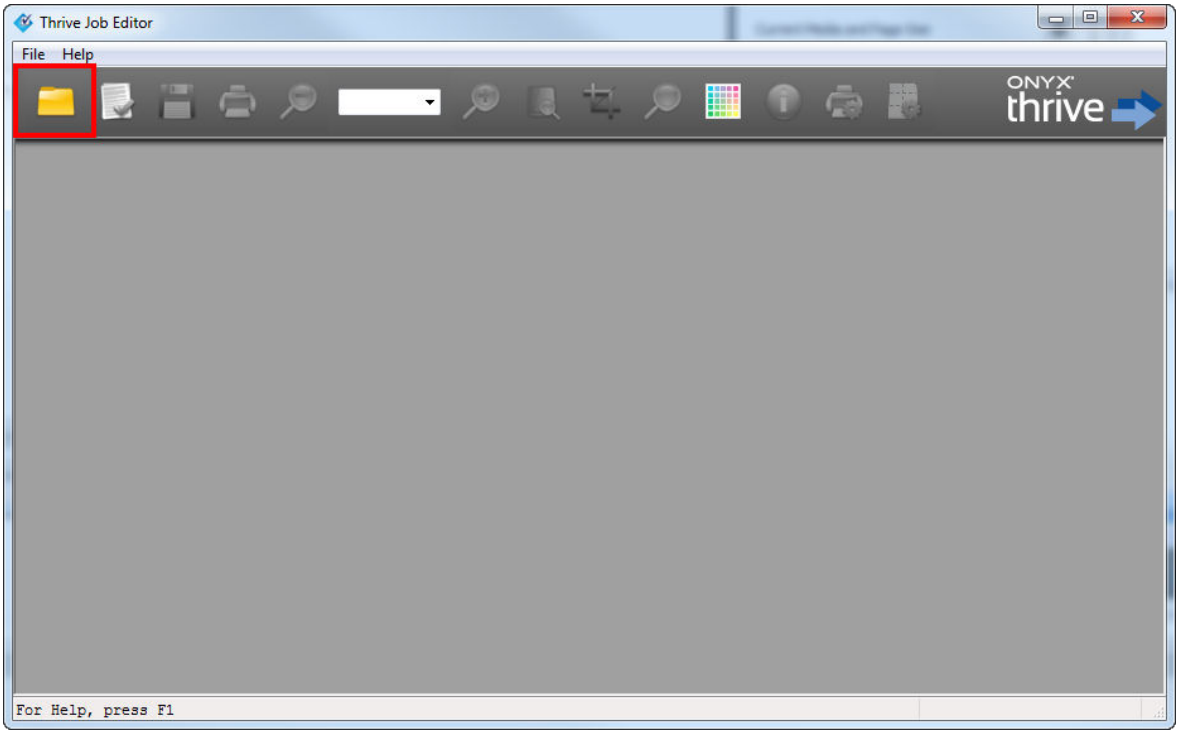
Send a print job using the Job Editor in Onyx

Procedure

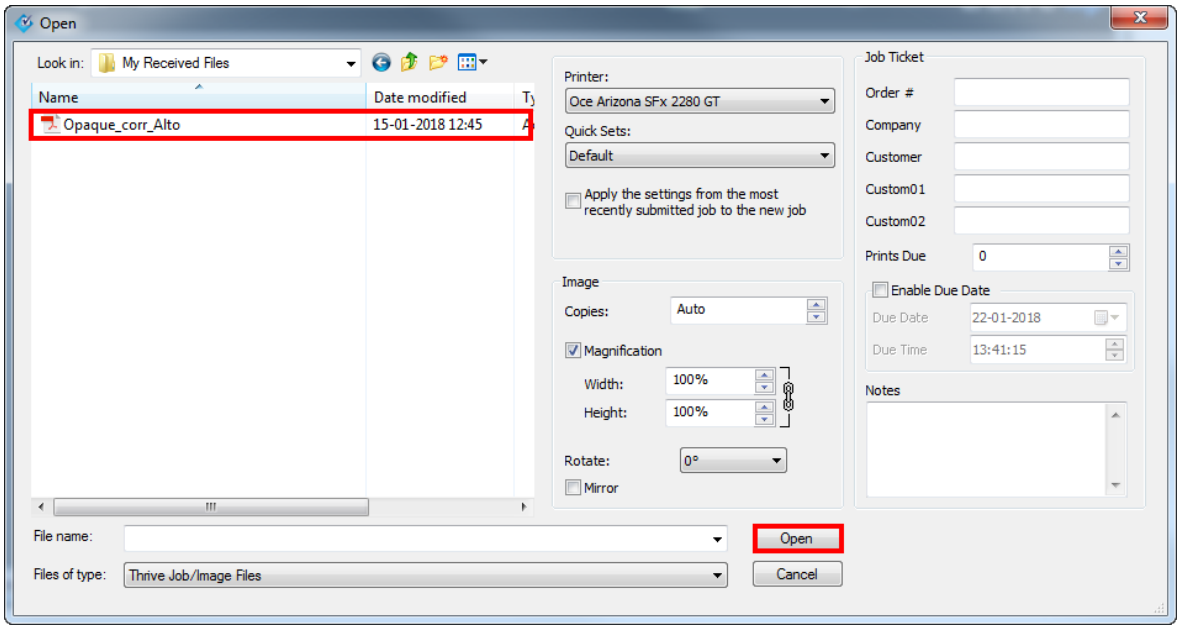
1. Open the [Job Editor].



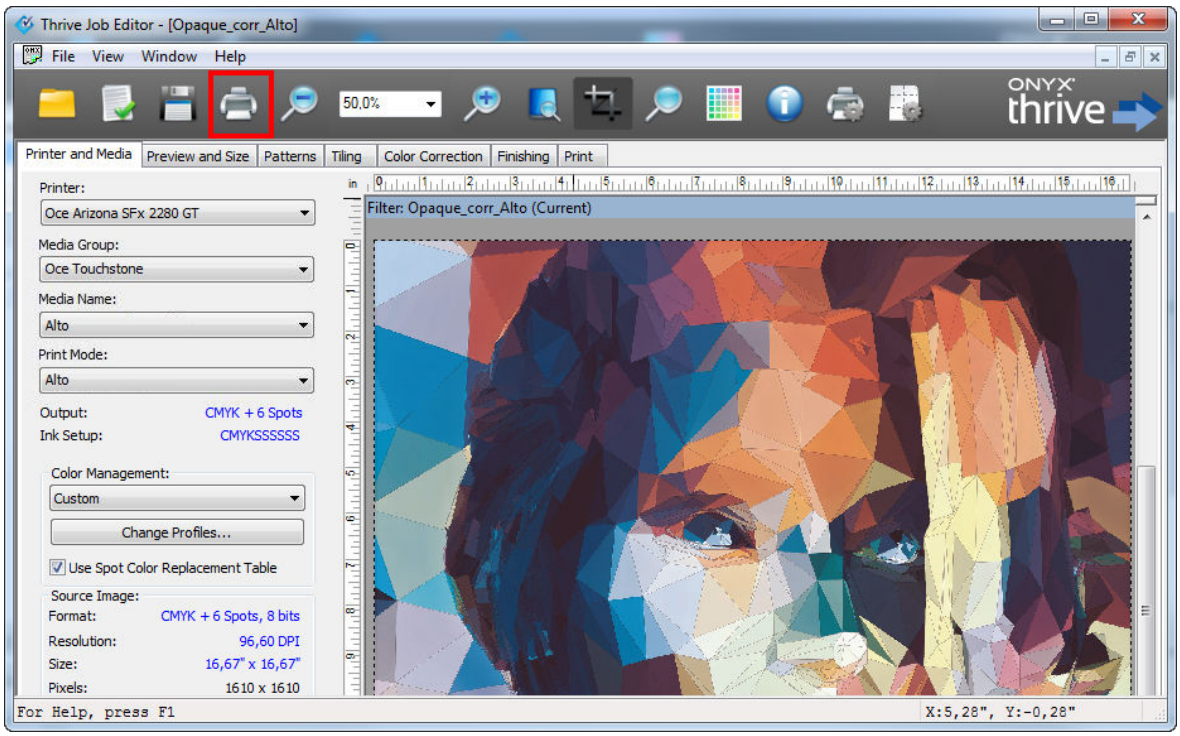
2. Click on the [Open] icon.



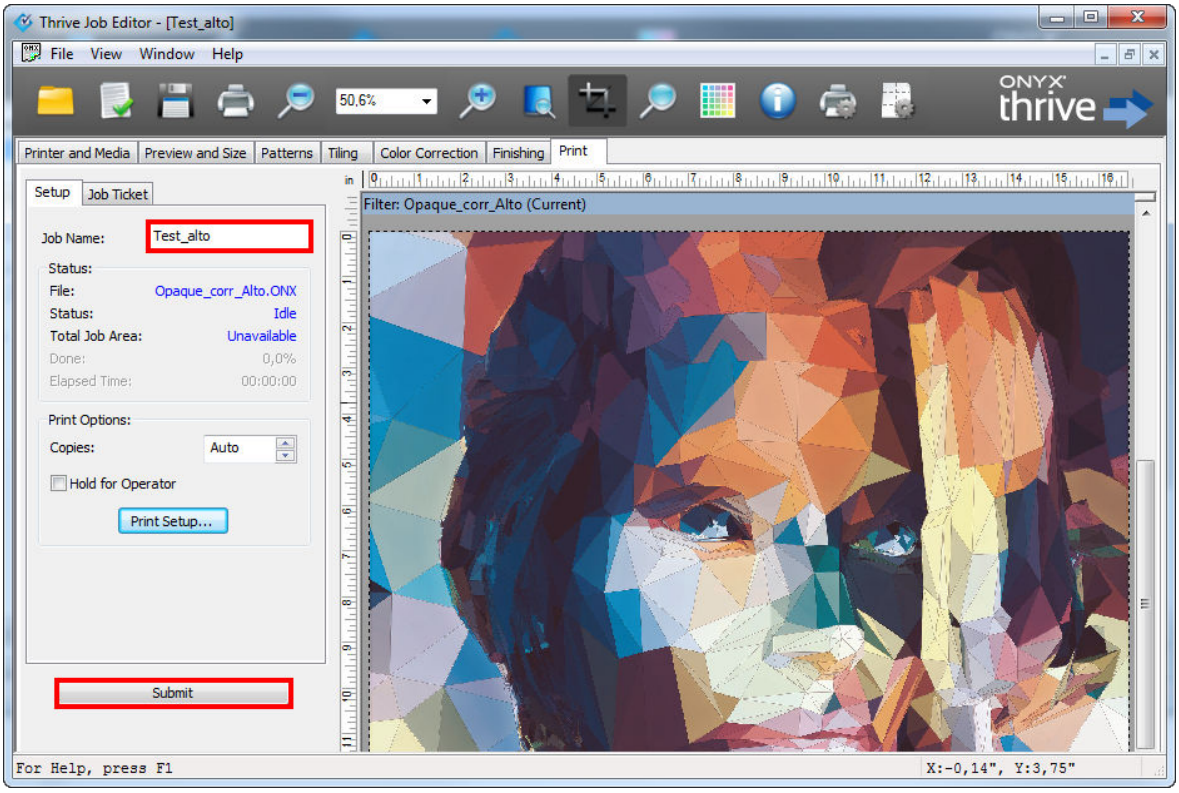
3. Browse to the print-ready PDF file of the elevated artwork, adjust the print settings if necessary and click on [Open].



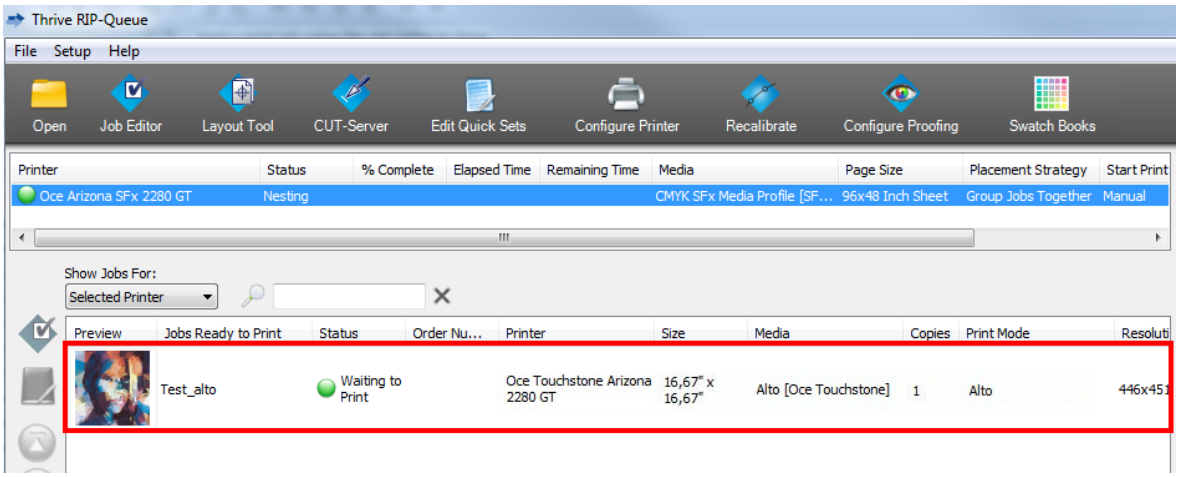
4. Edit the job settings if necessary and click on the [Submit] icon.



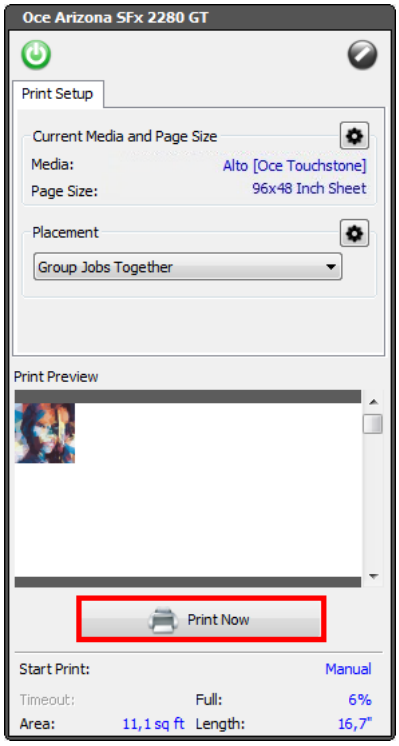
5. Enter a Job Name and click on [Submit].



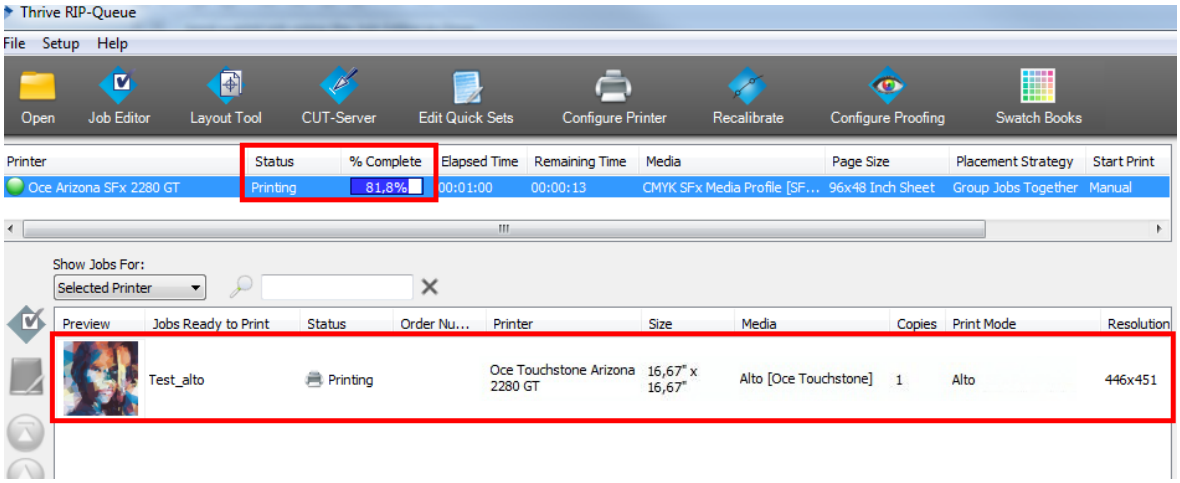
6. The job now appears in the print queue with the status "Waiting to Print".



7. In the [Print Setup] window click on [Print Now].



8. The status changes to "Printing" and the job also becomes visible in the Océ Touchstone ALPS Engine user interface.

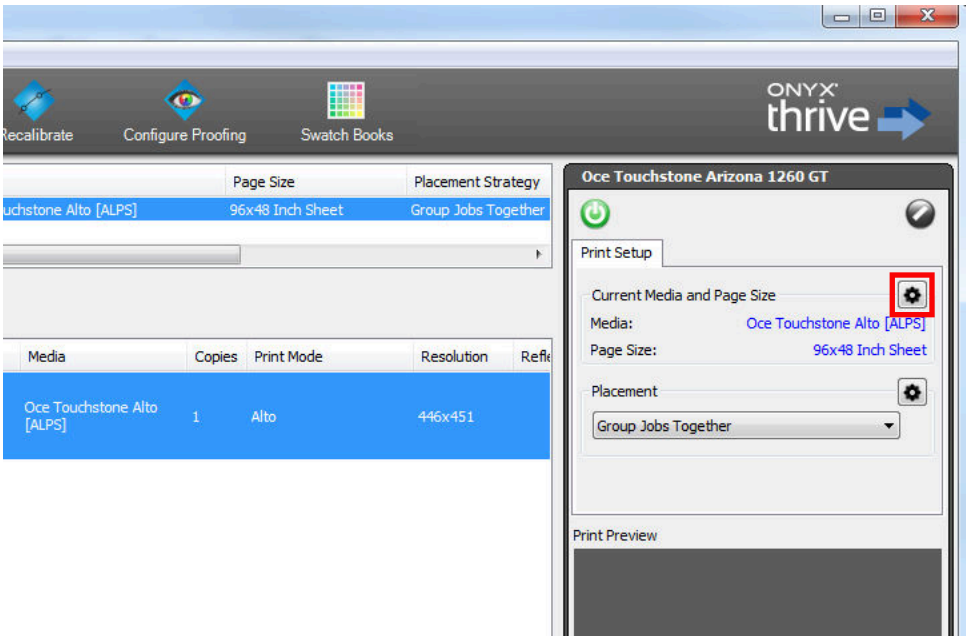


Chapter 6
Print on roll

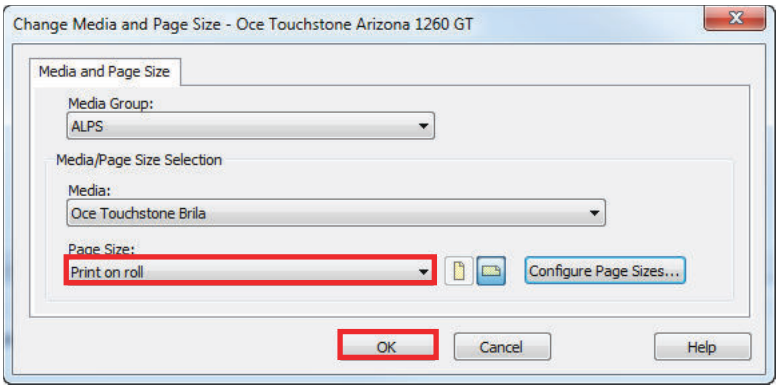
Printing on roll is only available for Brila jobs which do not contain a white undercoat. The maximum height of your elevation is 0.03 mm. This option allows you to print the color layer and 2 layers of varnish ink.

Procedure

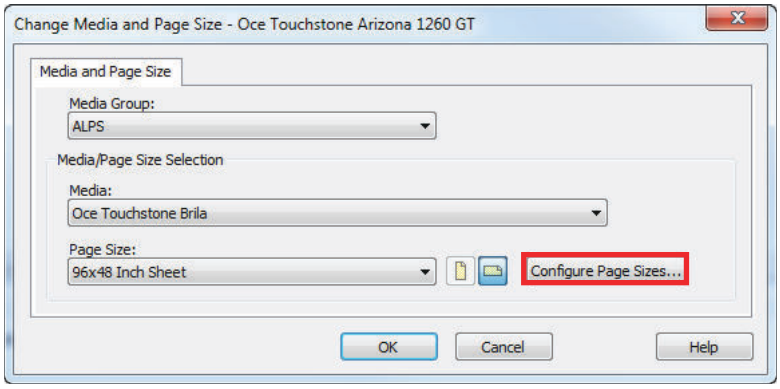
1. Click on the button indicated below to change the media settings.



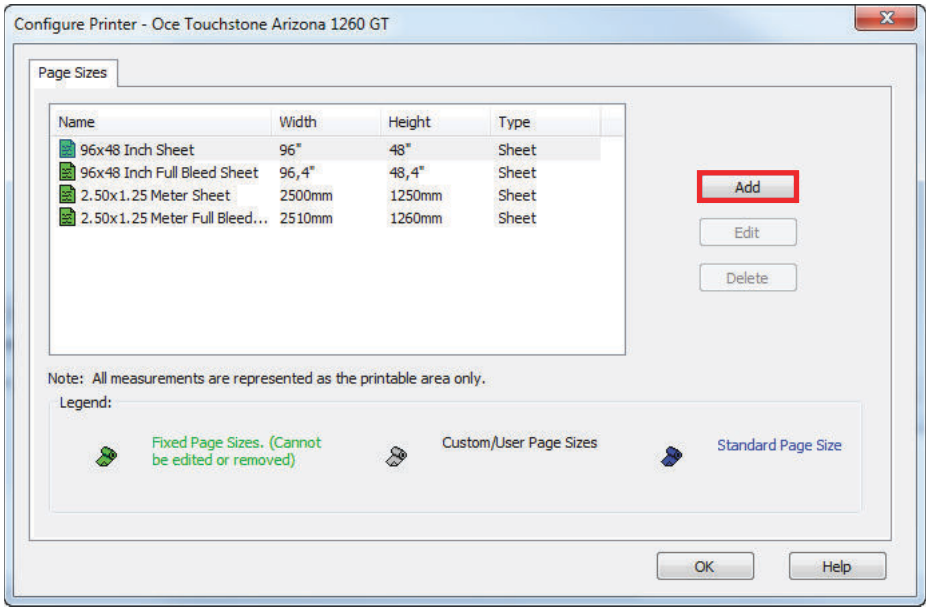
2. If the roll printing option is already available, select it, click on [OK], and proceed with step 8.



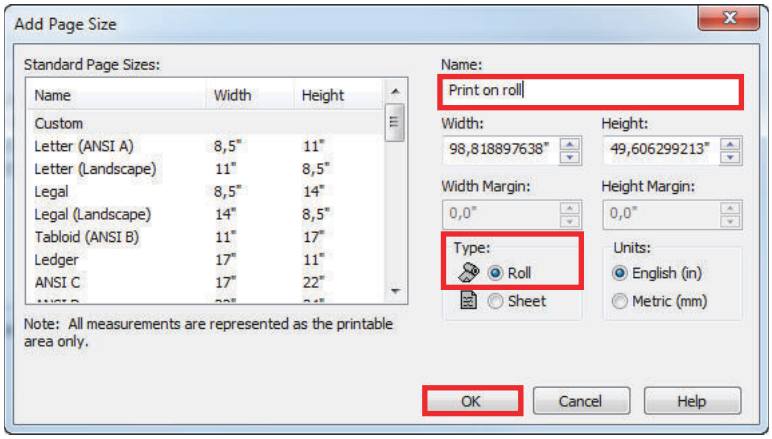
3. If the roll printing option is not available, click on [Configure Page Sizes]



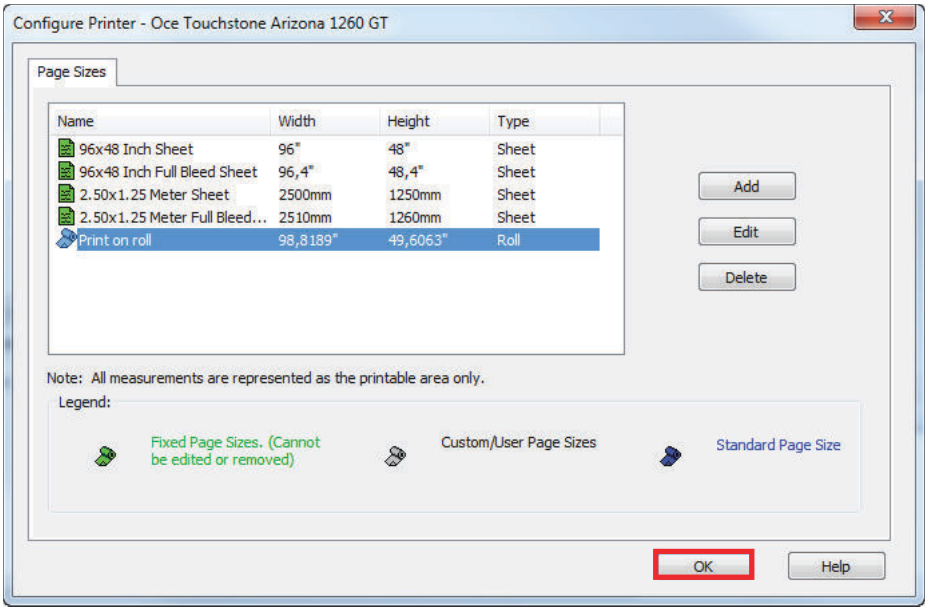
4. Click on [Add] to add a custom page size.



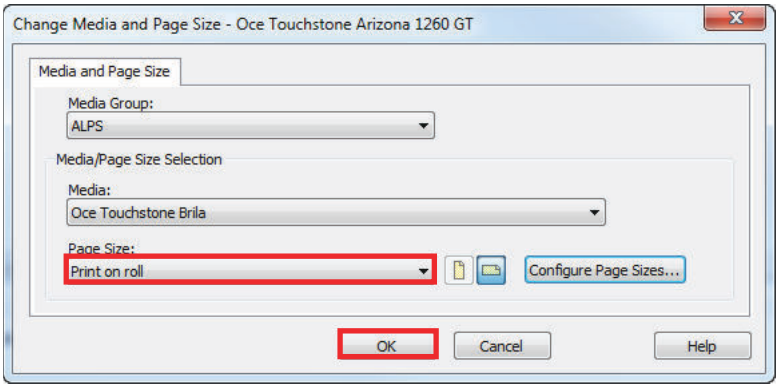
5. Define a name for your custom page size (e.g. "Print on roll"), define the format settings and the Type: "Roll", and click on [OK].



6. Click on [OK].



7. Select the Page Size for roll printing and click on [OK].



8. Open the PDF file of your design.
9. Click on [Print now].

Chapter 7

Print a proof print

The proof print is a quick print used for testing the color rendering of your design without having to waste a high amount of ink.

When you use the Alto effect, the proof print only consists of the color layers without any elevation.

When you use the Brila effect, the proof print consists of the white undercoat, the color layers, and 2 layers of varnish ink. Thus, you can also check which areas are covered with varnish ink. The total height of a Brila proof print is 0.03mm.

NOTE
If your design consists of large grainy areas, the color rendering of the proof print may differ from the color rendering of your final printed output.

Procedure

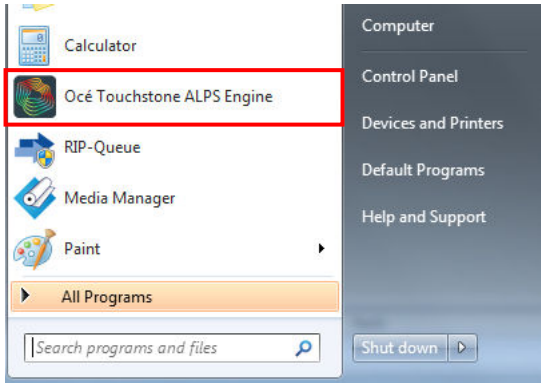
1. Open the PDF file of your design in the RIP.
2. Change the name of your file in the job properties so it contains the word "Proof", e.g. "ALPS_Proof".
3. Click on [Print now].

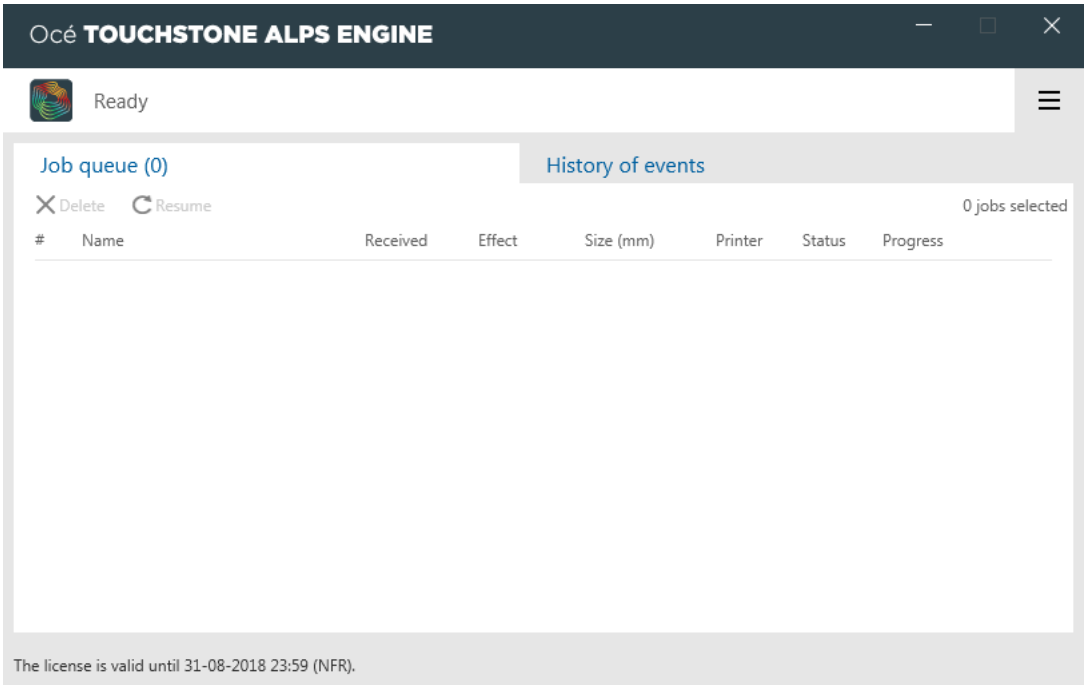
Chapter 8

Control your print workflow

Open the Océ Touchstone ALPS Engine user interface

When enabled during installation you have two options to open the Océ Touchstone ALPS Engine user interface.

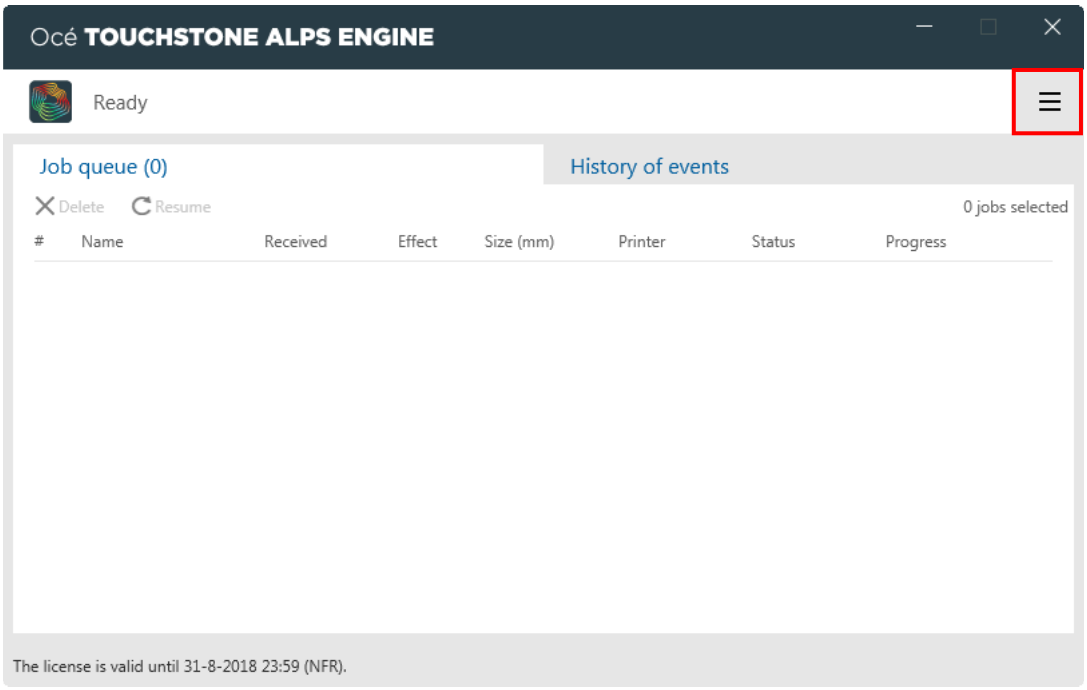
Option	Illustration
Open the user interface via the start menu.	
Open the user interface by double-clicking on the icon on your desktop.	



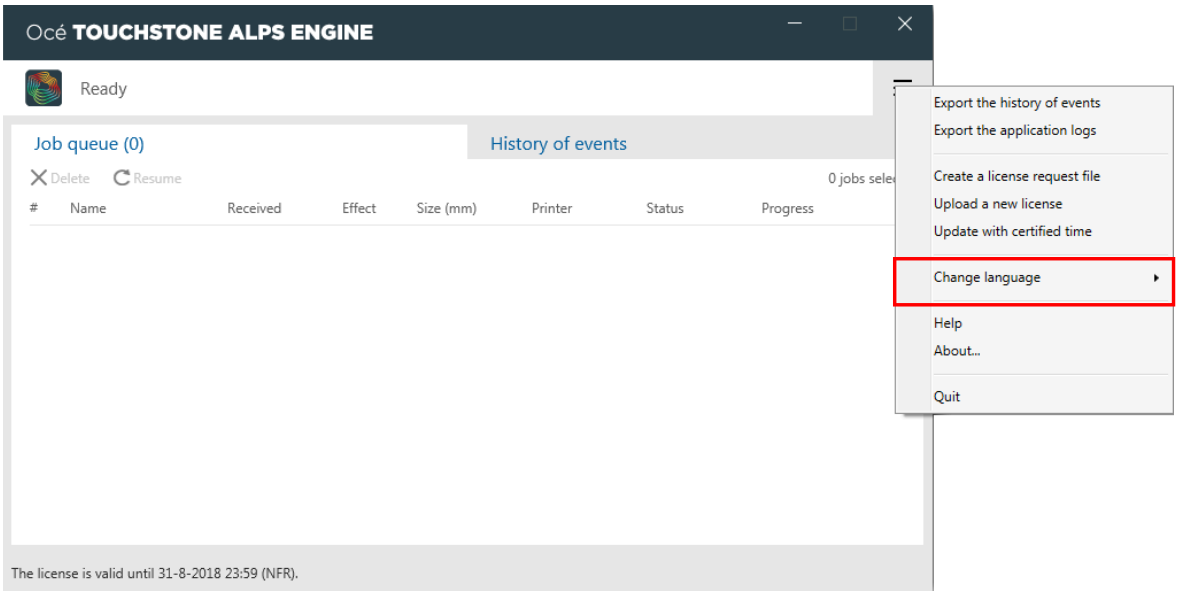
Change the language of the Océ Touchstone ALPS Engine user interface

Procedure

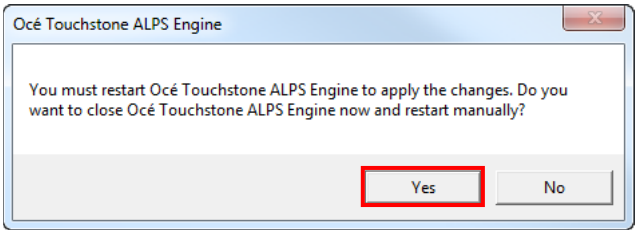
1. Click on the menu button.



2. Click on [Change language] and select the language of your choice.

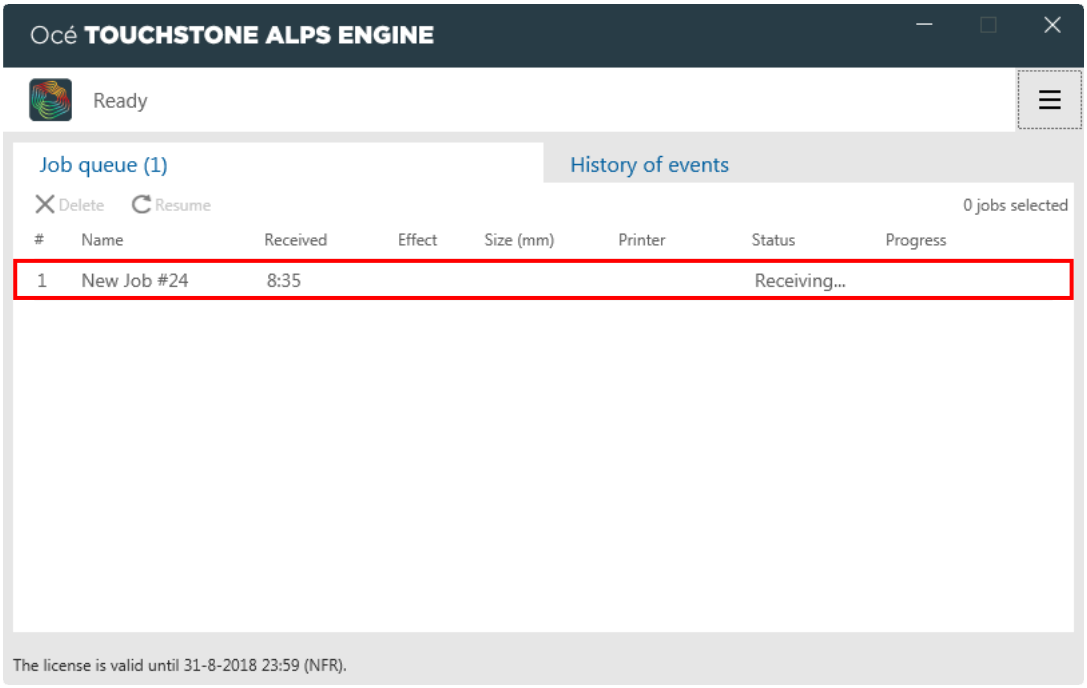


3. Quit and restart the Océ Touchstone ALPS Engine user interface to apply the language change.



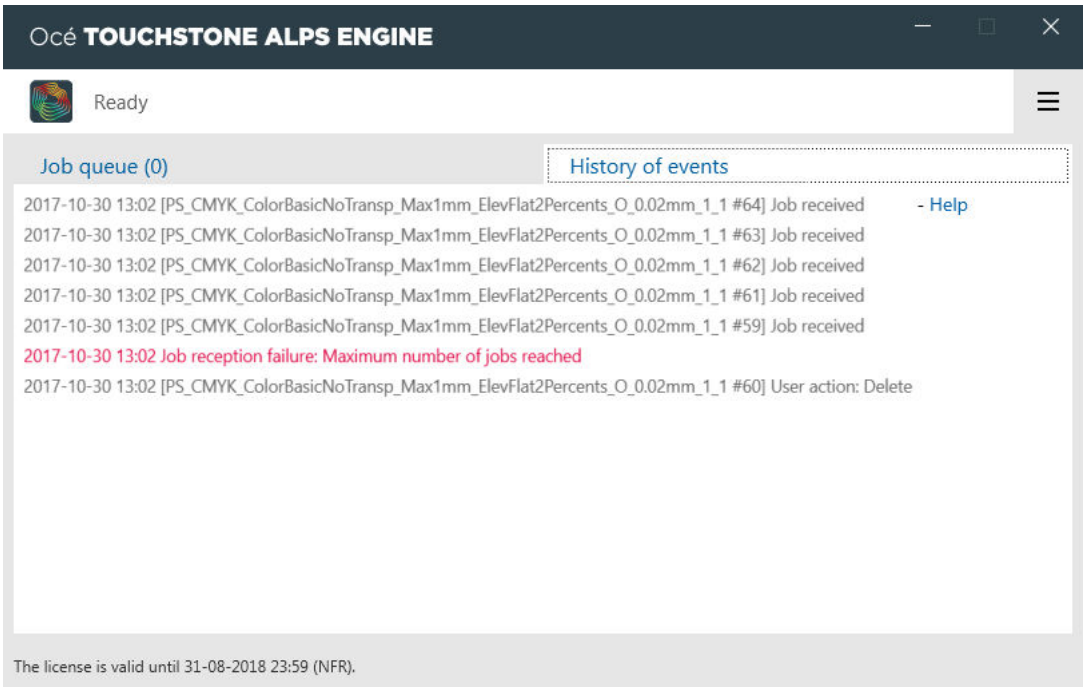
Display the job status in the [Job queue]

Information	Example statuses or messages
Status of all the jobs currently handled by the Océ Touchstone ALPS Engine	• [Receiving...] • [Analyzing...] • [Processing...] • [Submitting...] • [Waiting]... When you select a job and click on the [Delete] button in the upper left corner, the status changes to: • [Deleting...]



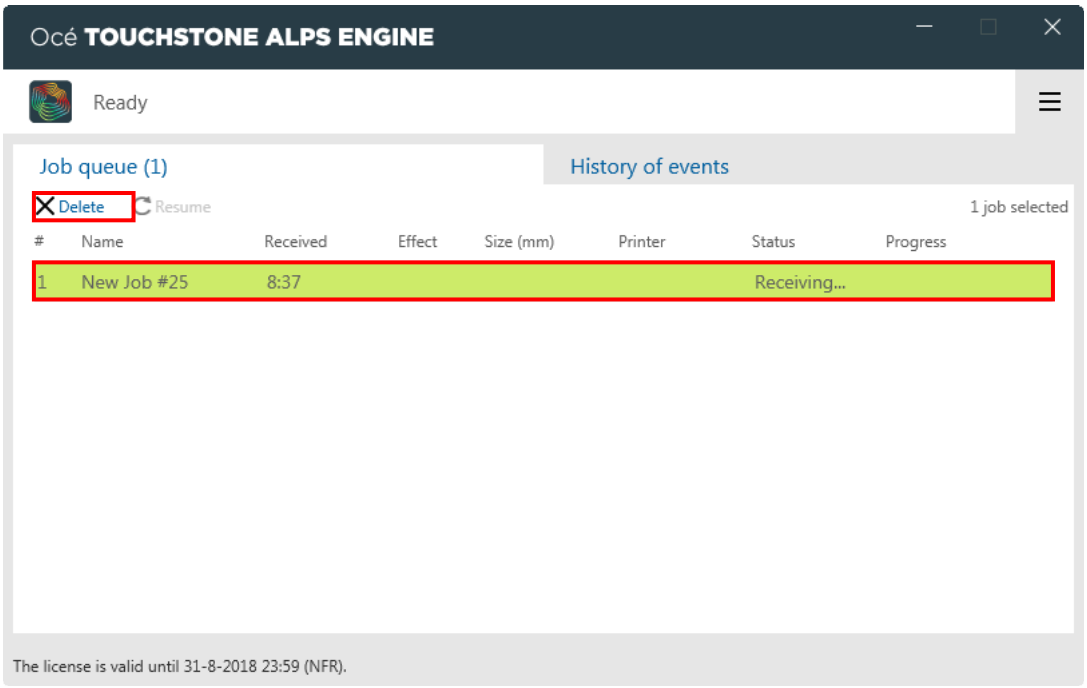
Display the [History of events]

Information	Example statuses or messages
Information messages (in black)	• [[{0}] Received] • [[{0}] Processed] • [[{0}] Submitted successfully to printer {1}]
Error messages (in red)	• [Failed to receive the job]: [Transfer from the RIP was interrupted] • [[{0}] Invalid job]: [The job contains no elevation map] • [[{0}] Failed to process]: [The hardware key is missing]



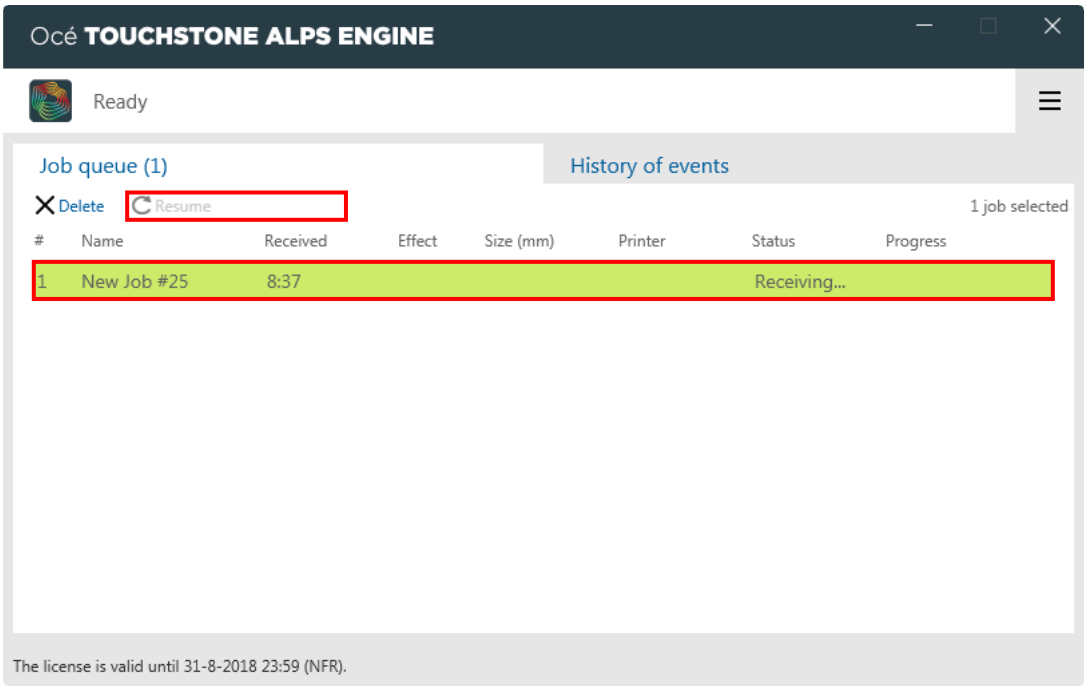
Delete or resume print jobs

To delete a job select the job and click on [Delete].



To resume a job select the job and click on [Resume]. This option is only available when the [Resume] button is not greyed out.

NOTE
You cannot pause a job manually. A print job is paused automatically when a recoverable error occurs. After the error has been resolved you can resume the print job.

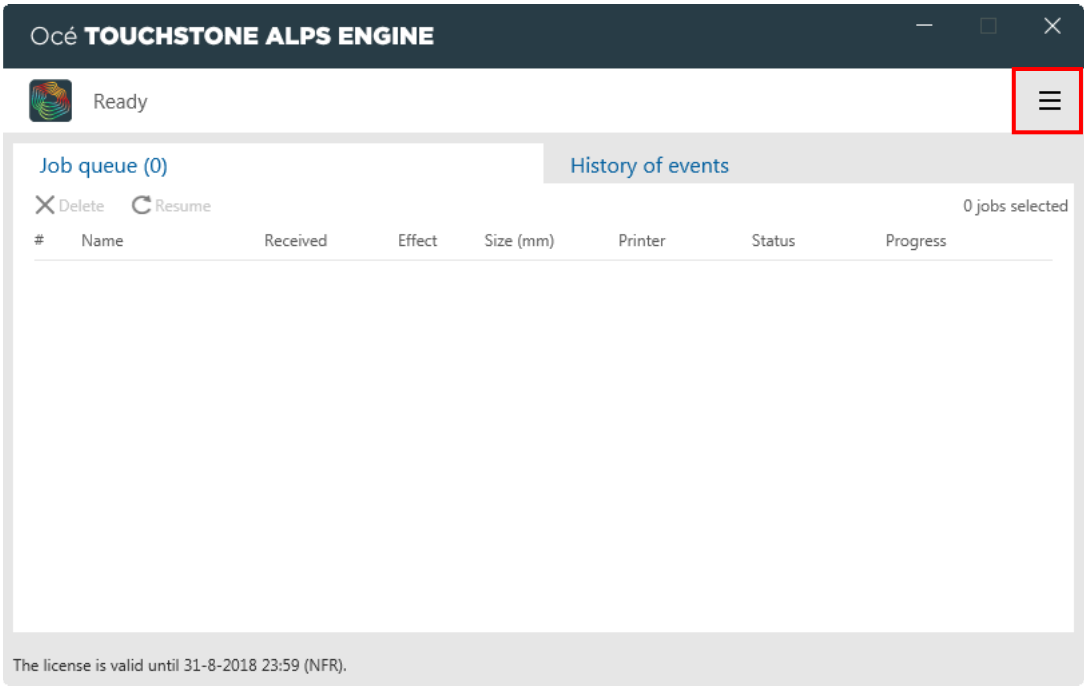

Océ TOUCHSTONE ALPS ENGINE
Ready
Job queue (1)
History of events
Delete
Resume
1 job selected
Name Received Effect Size (mm) Printer Status Progress
1 New Job #25 8:37 Receiving...
The license is valid until 31-8-2018 23:59 (NFR).

Retrieve ink consumption information

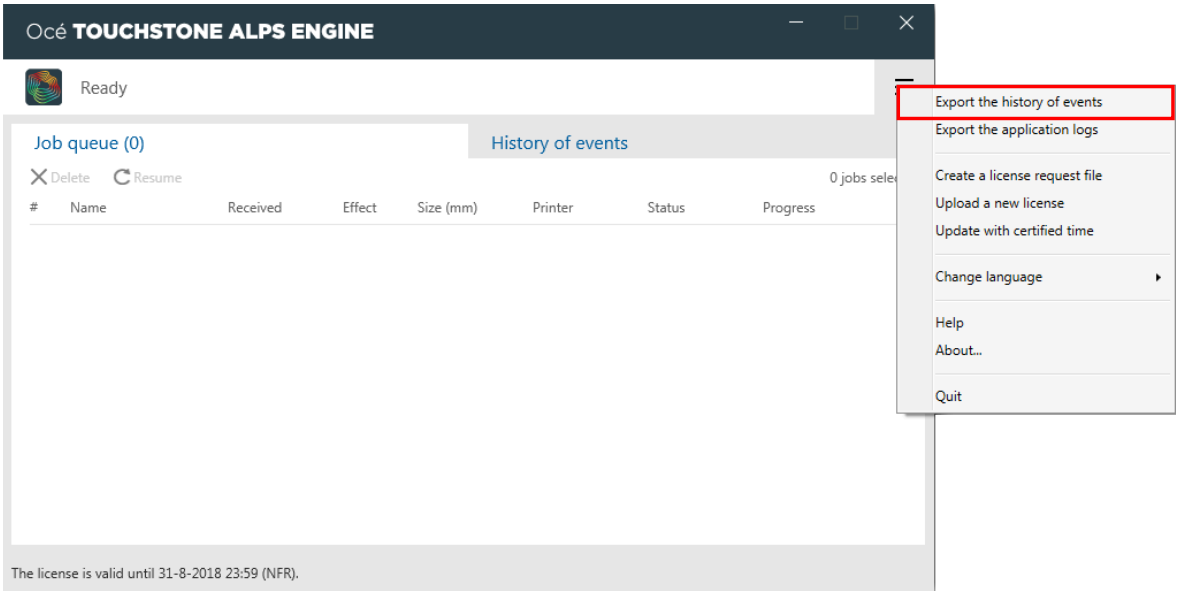
To retrieve ink consumption information for accounting or statistical purposes you can export the history of events. The complete event list, so not only the events displayed in the UI, is saved in a .csv format.

Procedure

1. Click on the menu button.



2. Click on [Export the history of events].



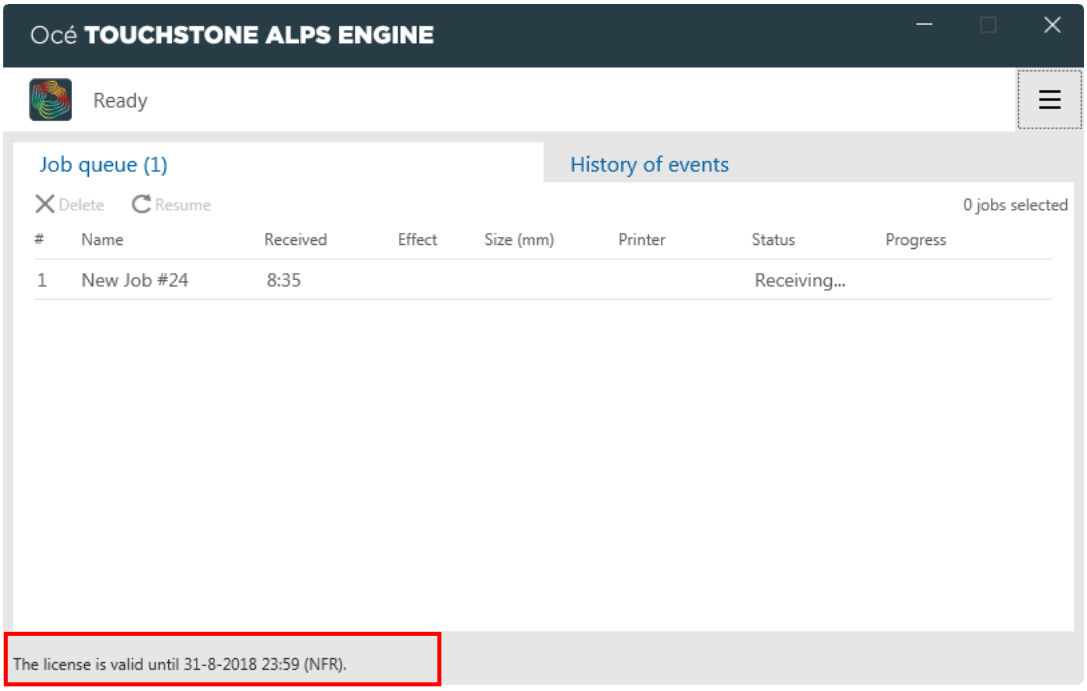
3. Save the .csv file on your computer.

Update your license

Create a license request file

When to do

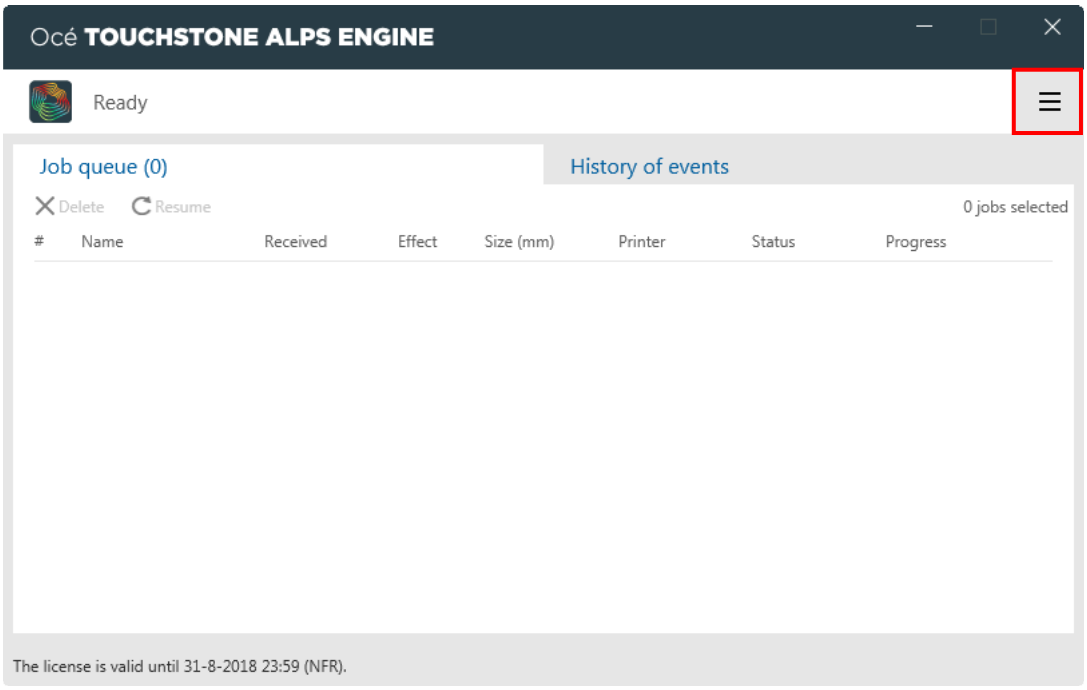
In the lower left corner of the user interface window you can see when your Océ Touchstone ALPS Engine license expires.



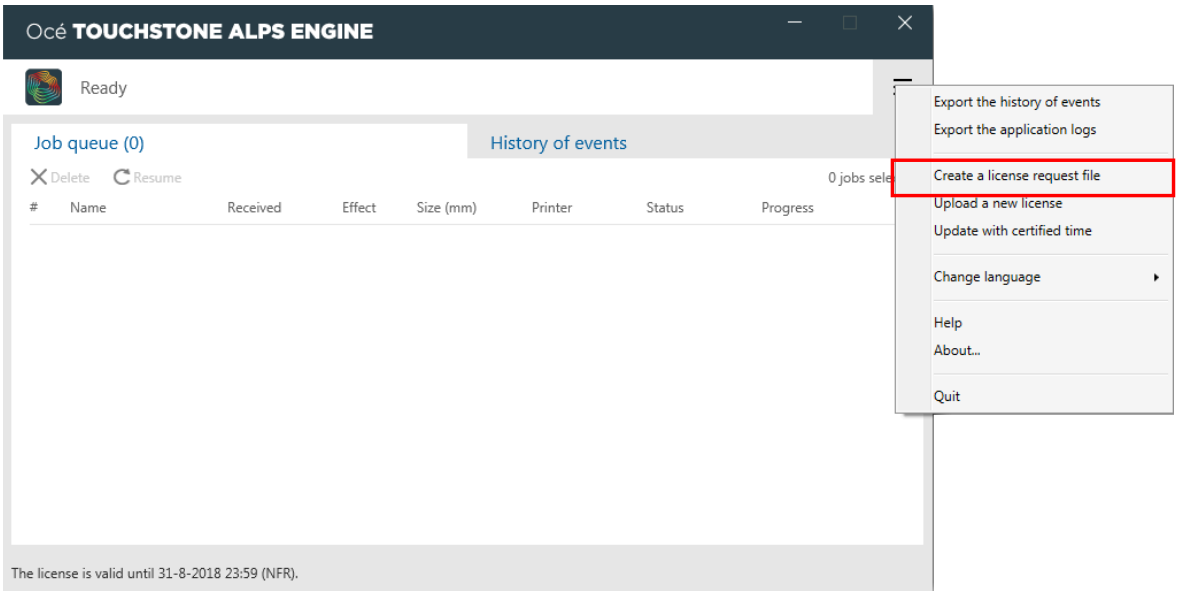
The first time that you have ordered a license at your local sales representative office, you have received a **license number**. You need this license number, usually sent to you by email, to create a **license request file**.

Procedure

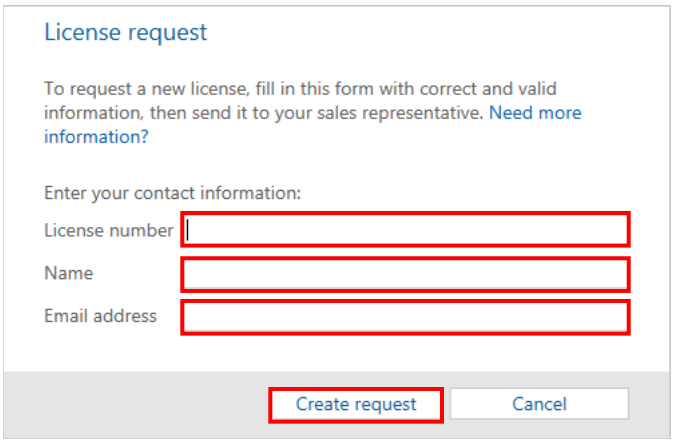
1. Click on the menu button.



2. Click on [Create a license request file].



3. Enter the requested data in the window below and click on [Create request]. Fill in the email address to use for receiving the new **license file**.



4. A **license request file** ([Hardware-key-ID]-summaryfile.zip) is created. Save this file on your computer.

After you finish

You can now *activate your license manually* on page 53 or *activate your license via the web* on page 54.

Activate your license manually

Procedure

1. Send an email to your local sales representative and attach the **license request file** ([Hardware-key-ID]-summaryfile.zip) that you have saved on your computer.
2. Your local sales representative generates a new **license file** ([Hardware-key-ID]-licensefile.zip) and sends it to you by email.
3. Save the new **license file** on your computer.

After you finish

You can now *upload your new license file* on page 55.

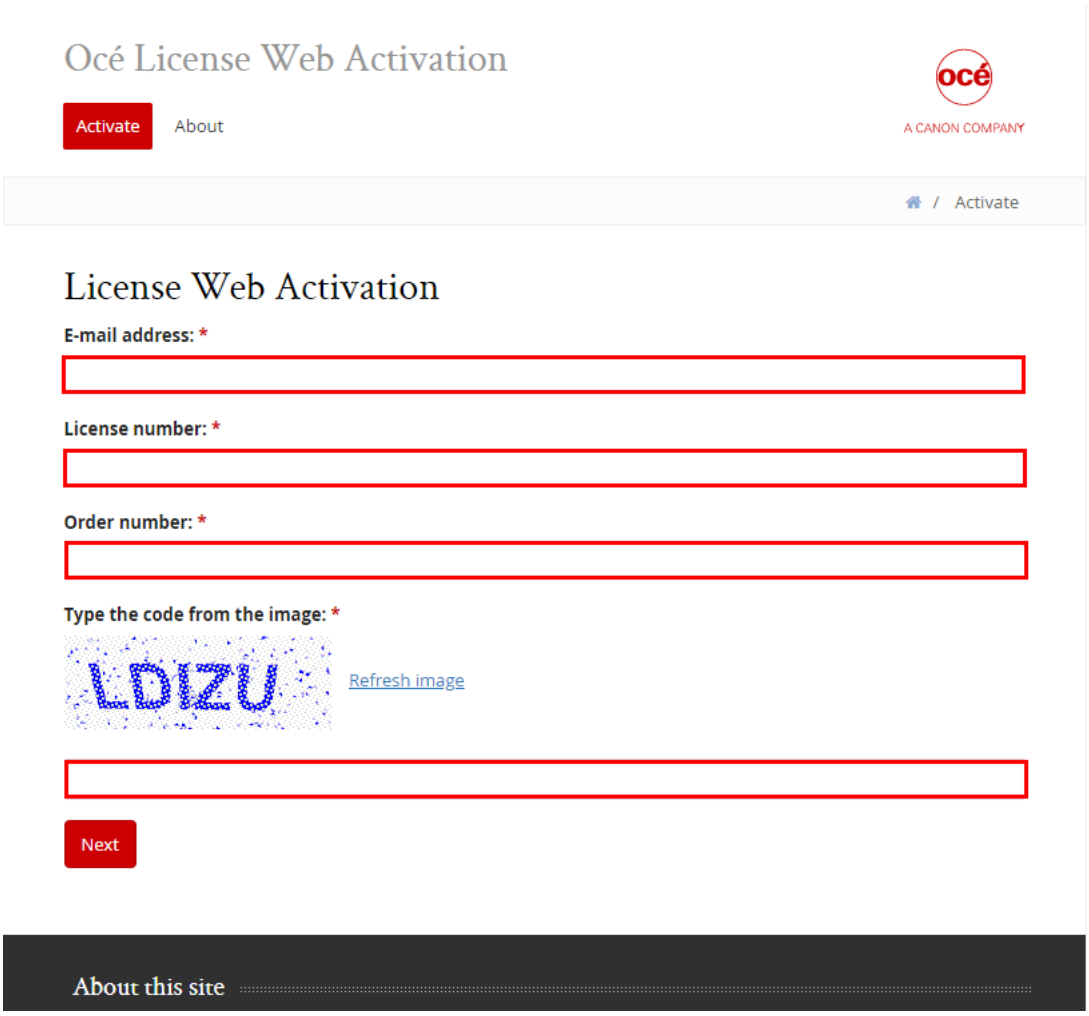
Activate your license via the web

Before you begin

The first time that you have ordered a license at your local sales representative office, you have received a **license number**, usually sent to you by email, and an **order number**. You need these numbers to complete the procedure below.

Procedure

1. Go to *"https://activation.oce.com/"*.
2. Enter the requested data and click on [Next]. Fill in the same email address that you used when you *created the license request file* on page 50.



3. In the next window, upload the **license request file** ([Hardware-key-ID]-summaryfile.zip) that you have saved on your computer and click on [Activate license].
4. You will receive an email with a link where you can download the new **license file** ([Hardware-key-ID]-licensefile.zip).
5. Save the new **license file** on your computer.

After you finish

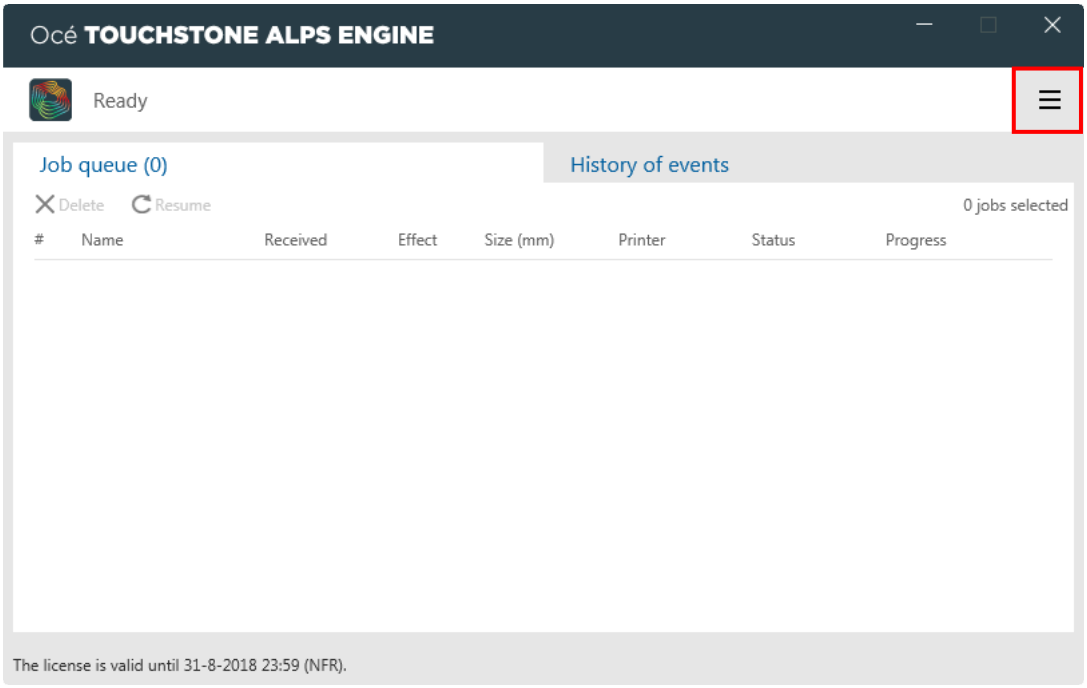
You can now *upload your new license file* on page 55.

Upload a new license file

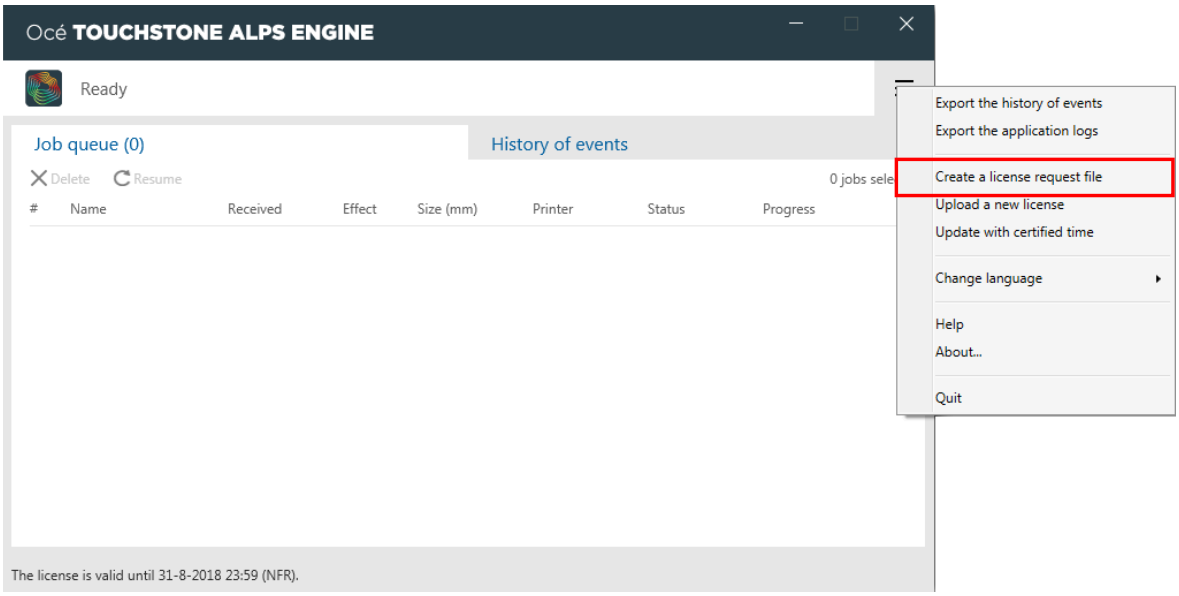
When you have received a new **license file** ([Hardware-key-ID]-licensefile.zip) you can upload this file to finalize the license activation.

Procedure

1. Click on the menu button.



2. Click on [Upload a new license].



3. Browse to the new **license file** ([Hardware-key-ID]-licensefile.zip) and click on [Open].
4. Your license is now activated. The validity period of the license is updated In the lower left corner of the user interface window.

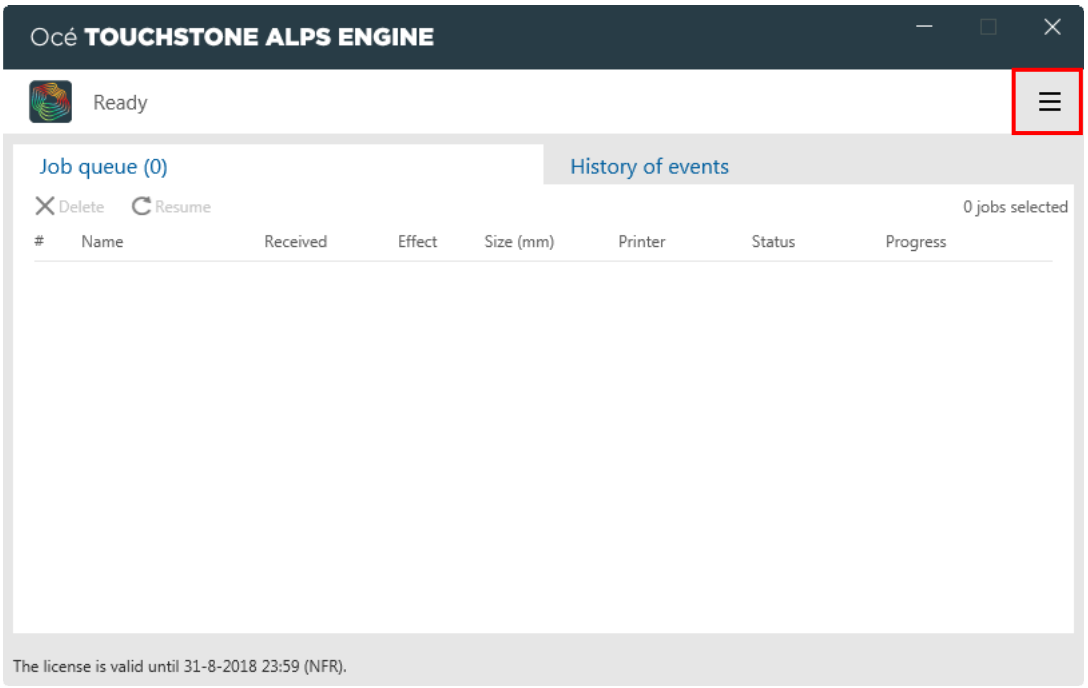
Update the time setting of the hardware key

When the hardware key has been used on a computer with a wrong time reference, e.g. when the time setting was changed to the far future and then back to the current date, it can appear as if the license has expired.

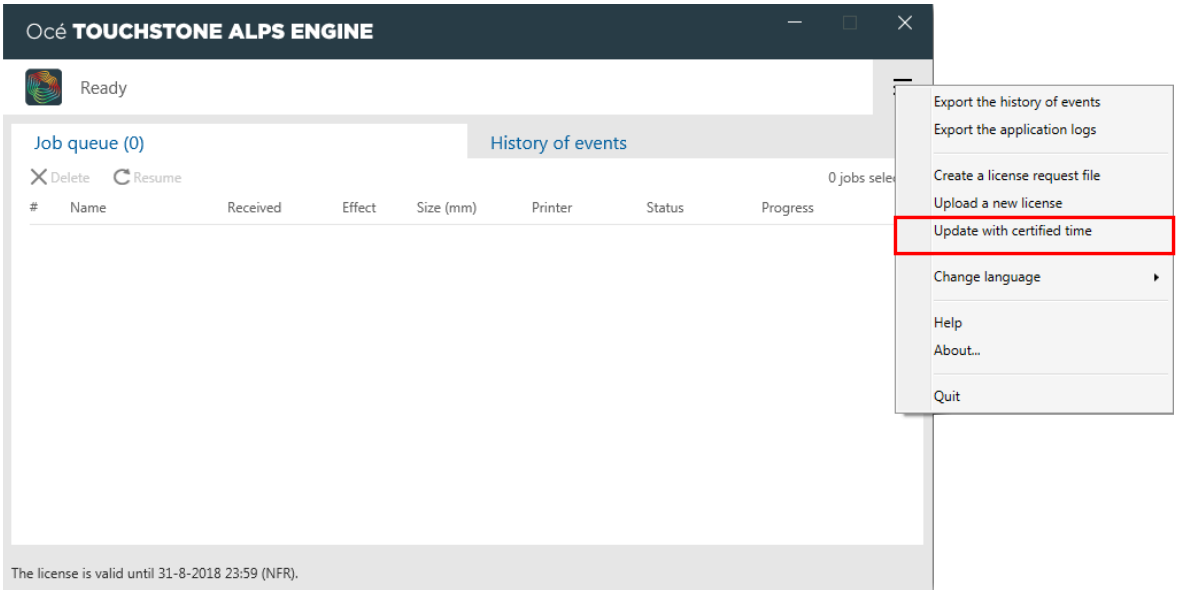
To update the time setting of the hardware key with the time setting of a certified time server on the web follow the procedure below.

Procedure

1. Click on the menu button.



2. Click on [Update with certified time].

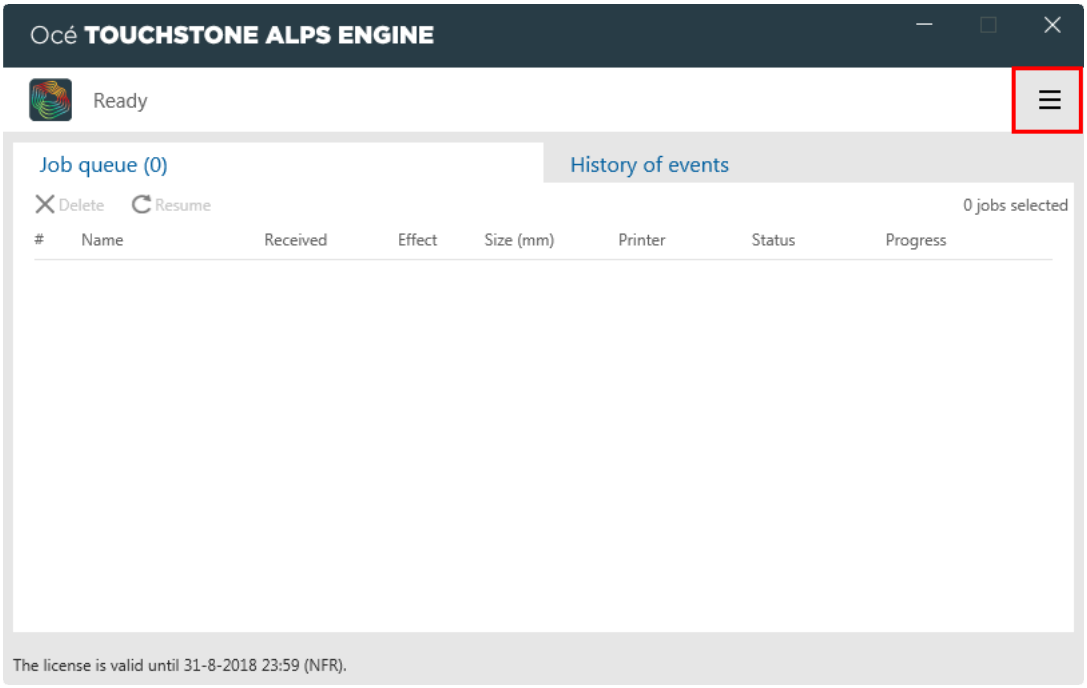


3. You will receive a message when the update with certified time was successful. Click on [OK]

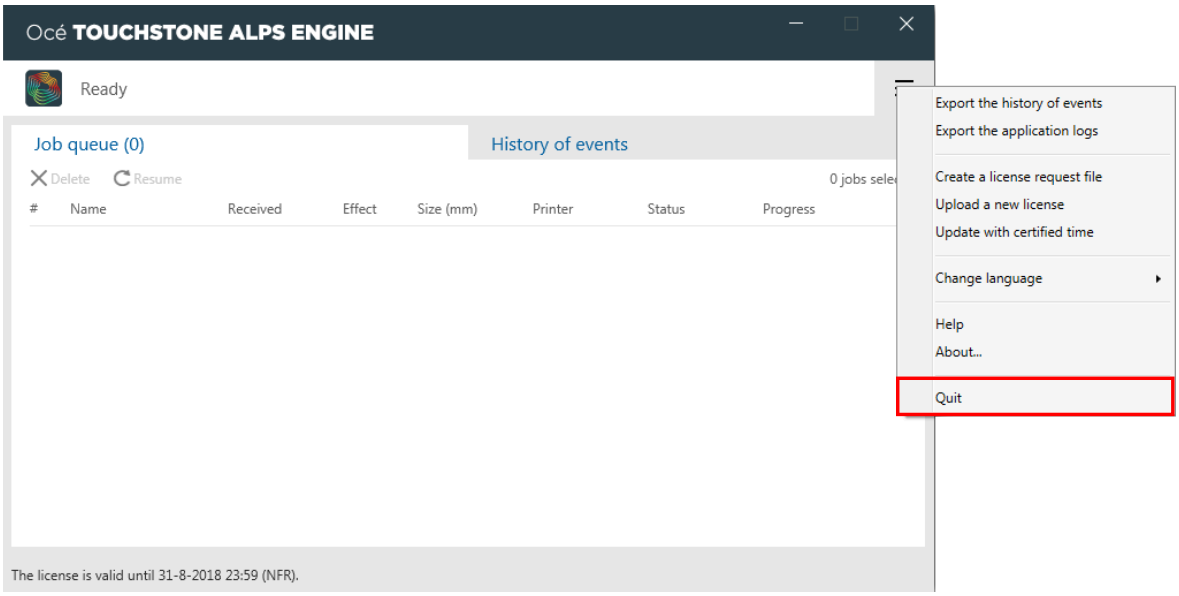
Close the Océ Touchstone user interface

Procedure

1. Click on the menu button.



2. Click on [Quit].



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