# inPixio Photo Studio

# Retouching, cut-out, photomontage and digital eraser



Guide to getting started

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# New and improved features

Version 11 of Photo Studio boasts some exciting new features, including sky replacement. It also provides major upgrades to existing tools, such as cut-out, erase and photomontage.

A new all-in-one workspace makes editing more convenient and faster than ever. Discover some of the main improvements.

### inPixio Automatic Technology

With the 11.5 Update, inPixio introduced new Al-powered tools for background removal and sky replacement. It is now possible to remove a background with only one click, making photo editing faster than ever.

Automatic background removal is available in the **Background** and **Photomontage** tabs. Automatic sky replacement is available in the **Sky** tab.



### Sky Replacement (Pro version)

With inPixio Sky Replacement, you can remove the sky from your photo and replace it with a new one. You can also adjust the new sky to fit your photo.

Learn how to use Sky - Pro Version:

- Replace a sky automatically (AI)
- Replace a sky manually



## Background tab (Pro version)

To edit the background of a photo, you can now use the Backgrounds tab. This lets you replace your background with a new one or blur the existing background.

Learn how to use Background - Pro Version:

- Replace a background automatically (AI)
- Replace a background manually
- Blur a background

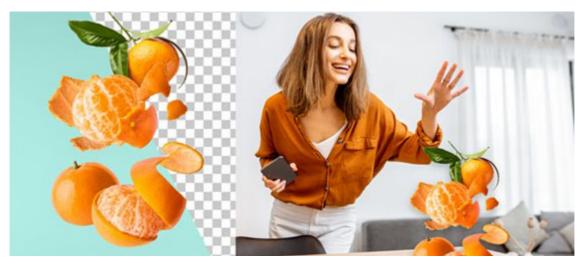


### New Photomontage tab

The new Photomontage tab makes combining pictures against a new background even easier.

To start building your photomontage, first upload a background image. Then you can:

- Cut out and add other images to the background.
- Add text, stickers and cut-out images to your photomontage.
- Copy all your objects and paste them onto a new background.



Learn how to use the tools in *Photomontage*.

### New Remove Objects tab

The Erase, Correction Patch and Clone Stamp tools, which were previously in Photo Eraser, are now available in the Remove Objects tab.

An improved algorithm means you can erase up to 7x faster in version 11.

Learn how to use the tools in *Remove objects*.

### New all-in-one workspace

For your convenience, Photo Studio is now integrated into a single program. This means there is no need to switch between modules.

Instead, you can customize your workspace:

- Switch between easy and advanced views.
- Choose which tabs to display in your workspace.

Learn how to use *The Workspace* 

### **RAW Images**

The library has been updated to support even more Raw formats.

Raw images are unprocessed, uncompressed images taken with a digital camera. Some photographers like to work with raw images as it gives them more flexibility and control with the editing process.

### Improved in-program help

New help videos providing tips on key edits are now available from inside the program.

# Required configuration

The required configuration for optimal use of inPixio photo products is as follows:

- Windows 7 or higher (64-bit only)
- Intel® Core i3 or better processor
- 8 GB of RAM
- 1,5 GB of free disk space, mouse and keyboard
- Internet connection

### Installation and inPixio account

#### Download and installation

You have purchased an inPixio photo product for download. Please download the application to your computer, then double-click the downloaded file to start installation.



Click Start to launch the installation.

A setup wizard guides you step by step through the various stages of installation.

Click **Start** to create your inPixio account and launch the application.

Note: Once the installation is complete, the application's icon is placed on your **Desktop** by default.

### Creating an inPixio Account

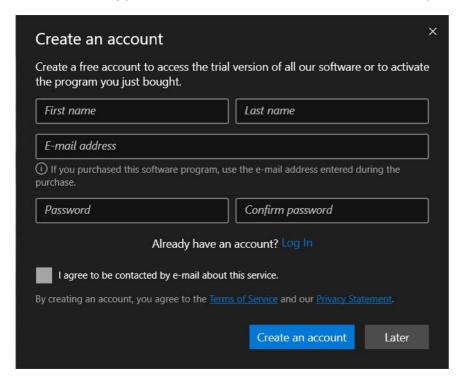
You may have created your inPixio account before installing the software, in this case skip straight to login.

When you first open Photo Studio, you will see a message, prompting you to create an account.

■ Complete the fields and click Create an account.

You can also opt to create your account later. Click the **My Account** icon in the top right-hand corner of the workspace to create your account at any time.

Note: when creating your account, use the same email address used for your inPixio purchase.



### Logging into your inPixio Account

To activate the full version of Photo Studio, first login to your inPixio account.

You can do this by clicking **login** on the message that appears at startup.

Or by clicking the **Sign in** icon in the top right-hand corner of the workspace.



### Introduction

inPixio Photo Studio is a software application for editing and improving your photos: a complete toolbox that allows you to give your photos a professional finish or turn them into works of art.

It is easy to get started thanks to the intuitive graphical user interface and a new workspace design. You will find all the tools your need for your editing:

- Remove Objects (digital eraser) allows you to erase distracting elements in a photo (a passerby, a road sign spoiling the landscape, etc.) You can correct defects in a few clicks.
- Photomontage allows you to create montages out of your photos by inserting personalized text, stickers, and cut-out images. You can also cut out and add your own images.
- Sky allows you to change the atmosphere of your photo by replacing a dull sky with a different one (cloudy, sunny etc.)
- Background allows you to completely change the background of a photo to accentuate your subject, or add a creative blur effect to the background.
- And more editing tools...tools are available for cropping and applying effects, frames, and textures, as well as for local edits and even perspective correction.

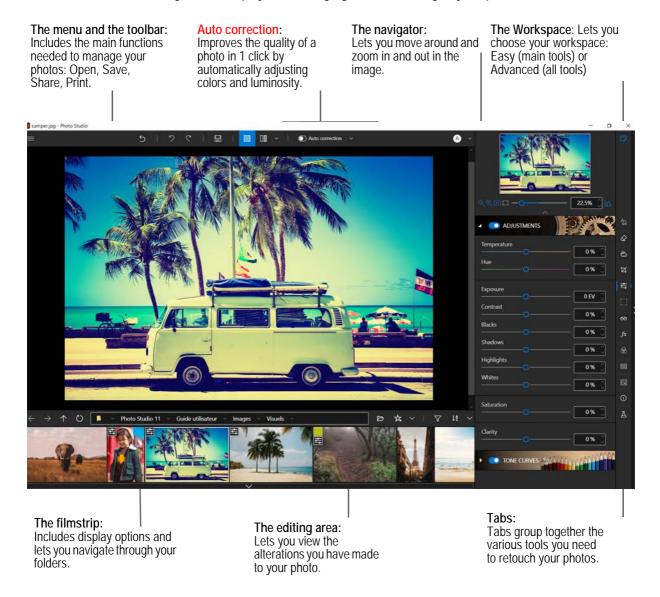
Note: Some of the features presented in this guide are only available in the inPixio Photo Studio Pro and Ultimate versions.

For even more edits, Photo Studio offers access to two additional modules for photo enlargement and sharpness.

- Photo Maximizer enlarges your photos up to 1000% without quality loss. Ultimate version only.
- Photo Focus turns your blurry photos into sharp and high-resolution images. Ultimate version only.

### **User Interface**

The user interface is designed to simplify the managing and retouching of your photos:



#### Menus and the toolbar

The toolbar includes the following functions:



#### Menu

Takes you back to the **Home** screen, lets you access the application's **Options** or the main functions you need to manage your photos.

#### Revert to the original:

Lets you restore your original photo at any time

Cancel:

Cancels your last action on your photo.

Redo:

Redoes the canceled action.

Save...:

Prompts you to save your retouched photo.

Print...:

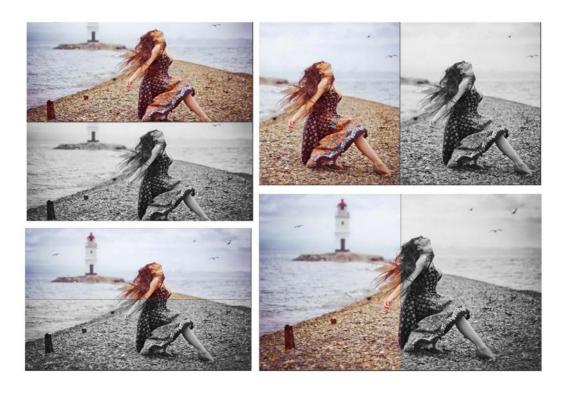
Prints your original or retouched photo on paper.

Single View:

Displays the alterations you have made to your photo in the preview window.

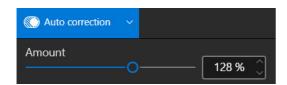
Switch between before and after views:

Provides a complete or split **Before/After** view as shown below.



### **Auto correction**

inPixio Photo Studio features smart technology that improves the quality of a photo in 1 click.



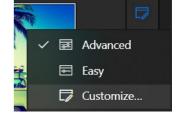
### The Workspace

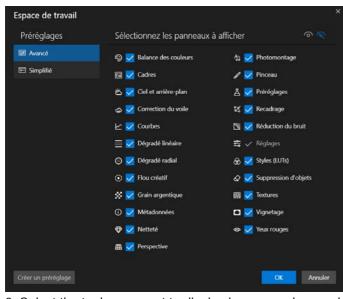
All editing tools are now accessible from a single interface. This new setup brings all the tools for erasing, photomontage and retouching into an all-in-one workspace.

- To display only the essential editing tools, click the Workspace icon at the top right of Photo Studio then select **Easy**.
- To display all available editing tools, select **Advanced**.

You can also customize your interface with your choice of tools.

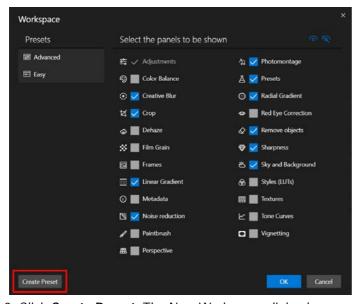
1. Click Customize. The Workspace window appears.





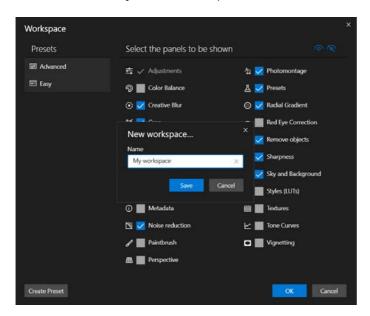
2. Select the tools you want to display in your workspace by checking the boxes.

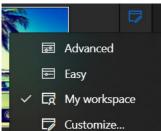
For example, if you want to use the Sky and Background, Dehaze, Linear Blur, Radial blur, Creative blur, Sharpness, Paint, Crop and Noise Reduction, check the corresponding tool and deselect the others.



3. Click Create Preset. The New Workspace dialog box appears.

4. Enter a name for your new workspace, click **Save** then **O**K.





The new workspace is added to the list. You can switch between your different workspaces at any time.

### The editing area

By default, the workspace displays your photo in a Single view.

The alterations you have made to your photo are displayed simultaneously in the preview window.

Choose one of the views proposed on the view options toolbar to better judge your retouching work in the photo.

### The navigator



Displays a precise zone of a photo.

The navigator also lets you move around in the image and display the desired zone in the workspace.

The zoom options let you adjust the amount of zoom depending on what you want to see: a full view or a detailed view of your photo.

### The filmstrip



The filmstrip toolbar offers the following options:

#### Navigation in your folders:

Displays all the images from the selected folder. Click on an image to open it in the workspace.

#### Favorites:

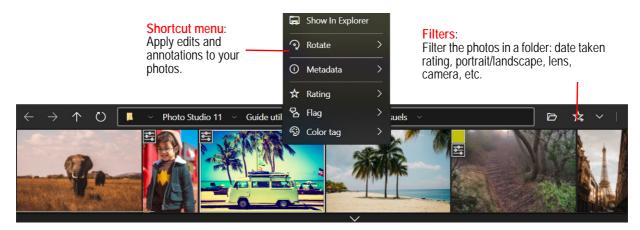
Lets you add folders to your Favorites so that you can find them quickly.

#### Sort:

Sets the display order of the photos in the filmstrip. You can sort them by Name, Date or Size.

The filmstrip contains additional options for editing and organizing your photos. You can use the filmstrip to apply edits to individual photos, without opening them in the main workspace.

To do this, go to the filmstrip and **right click on the photo you want to edit**. This opens the shortcut menu. You can choose from the following options:



#### Adjustments:

Auto-correct the selected photo or delete previous adjustments

#### Show in Explorer:

Open the image folder

#### Rotate:

Rotate the selected photo or create a mirror image

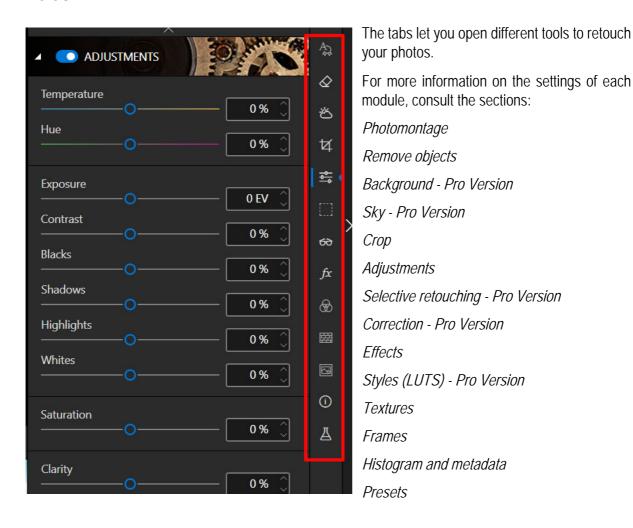
#### Metadata:

Reset or sync metadata

#### Rating / Flag/ Color label:

Add a rating, flag or label to your photo to help organize and filter your images.

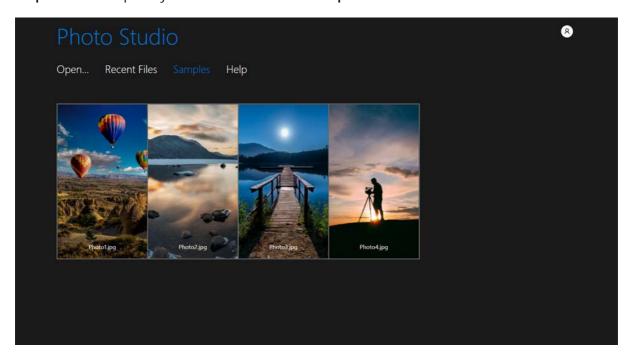
#### **Tabs**



# **Getting started**

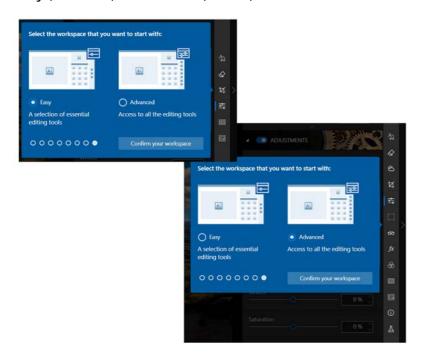
Using each of the inPixio products' modules is easy and consistent.

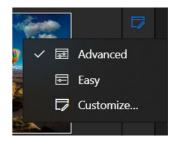
**Step 1**: Select the photo you want to retouch with the **Open** button.



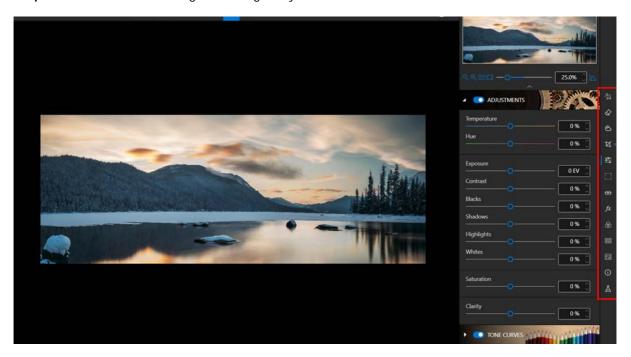
Feel free to click **Tutorials** to see a practical example of retouching.

**Step 2**: The first time you use Photo Studio, follow the presentation provided and select your workspace: **Easy** (main tools) or **Advanced** (all tools).

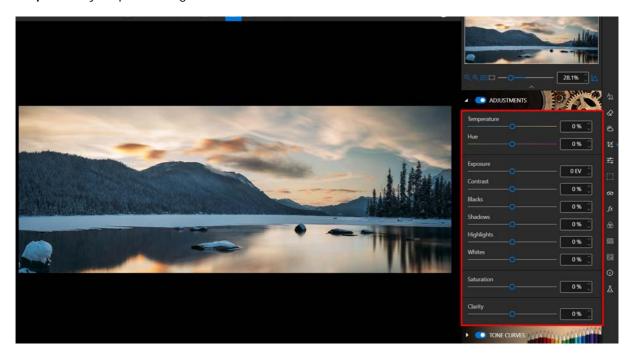




**Step 3**: Click the tab containing the editing tool you want to use.



**Step 4:** Edit your photo using the sliders and tools available in the tabs.



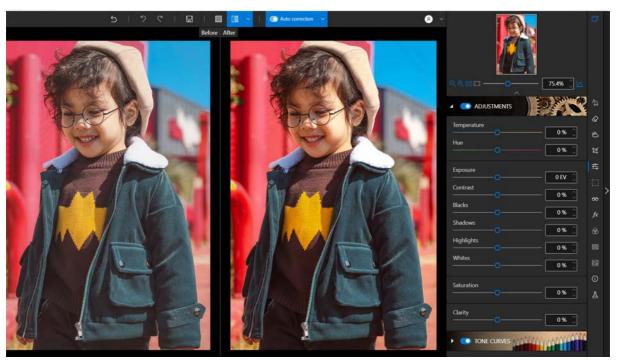
Each tool now includes a mini-video for easy understanding of all editing and retouching options.

Note: You can disable the display of mini-videos at any time. To do so, click Menu > Options to display the Options window then uncheck the Use video tooltips box in the Interface section.

**Step 5**: Save your creation by clicking the **Save** button.

# **Auto Correction - Pro Version**

Photo Studio features smart technology that automatically improves the quality of any photo.



1. Click the **Auto correction** slider to instantly enhance your image.

Click Switch between before and after views to compare your photo before and after correction



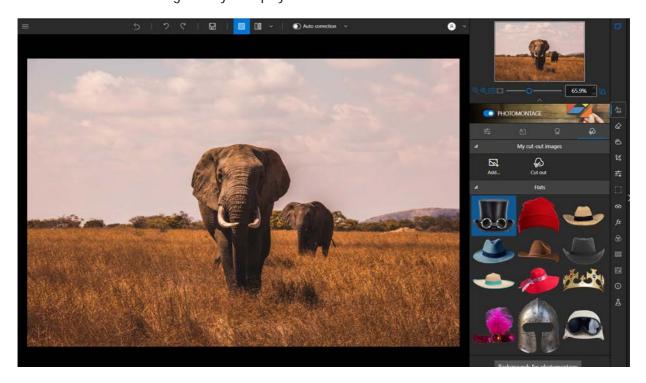
2. If necessary, move the **Amount** slider to the right to increase the level of correction, or to the left to reduce it.

# Photomontage

The Photomontage module makes it easy to add cut-out images, stickers and text templates to a photo by simply dragging and dropping. All of these elements are fully customizable: color, font, position and size. You can also cut out and add your own images.

Start by opening a photo to use as the background for your photomontage!

■ On the right-hand panel, click the **Photomontage** tab to display the 4 associated tools. By default, the inPixio cut-out image library is displayed.



#### **Add Text**

Click the **Text** tab to choose a template, then drag and drop the text directly onto your photo.

(Optional) If necessary, adjust and customize the text template:

■ Use the **Adjustments** tab to organize the elements in your photomontage: place in the foreground or background of your photo, or in front of/behind another element (cut-out image, text, sticker).

<u>Example:</u> placing the wing of the bird in front of the text in this photomontage.



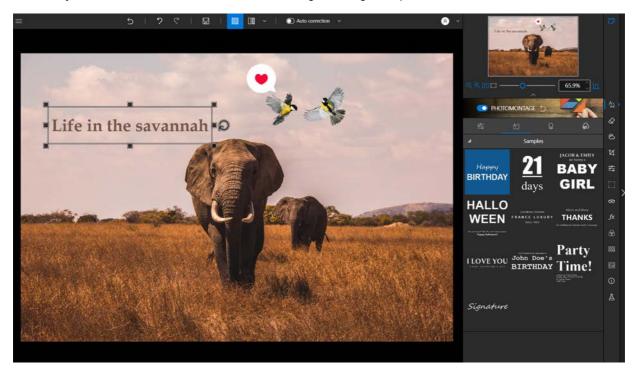
- Adjust the Font, Size, Style, Color, choose an Alignment and set the Opacity.
- Check the Fill and Border boxes to activate these options.

Fill:

Click the gray triangle to display the color options.

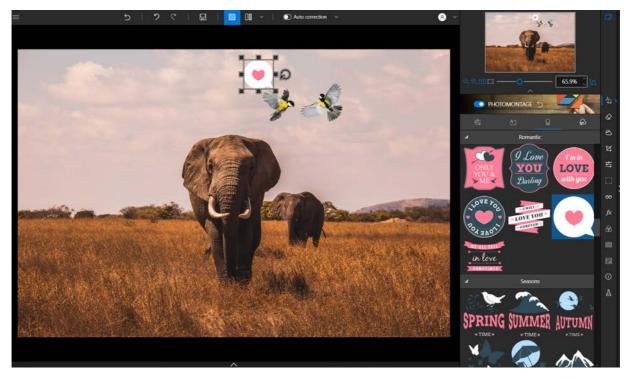
Border:

Adjust the desired border thickness and margins using the up/down arrows.



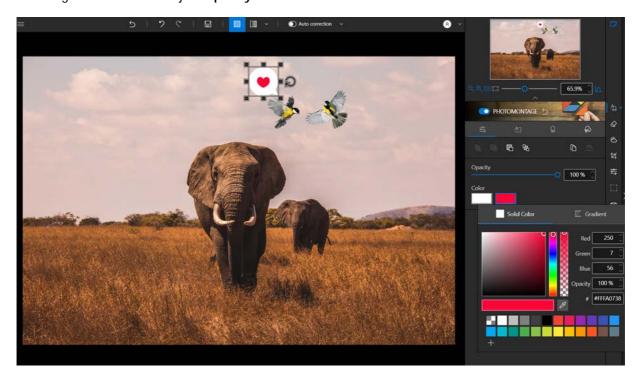
### Insert a sticker

Click the **Stickers** tab to choose a design, then drag and drop the sticker directly onto the photo.



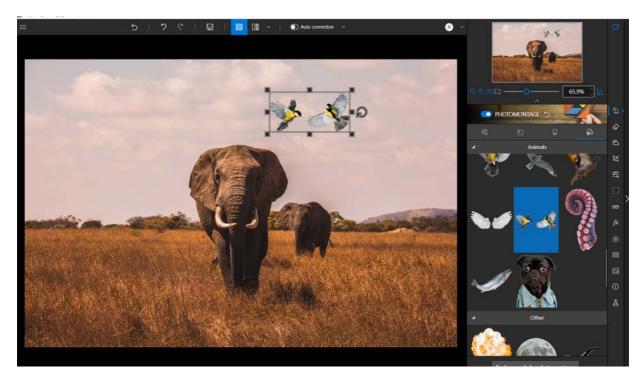
(Optional) If necessary, adjust and customize your sticker:

- Use the **Adjustments** tab to organize the elements in your photomontage: place in the foreground or background of your photo, or in front of/behind another element (cut-out image, text, sticker).
- Change the Color and adjust Opacity.



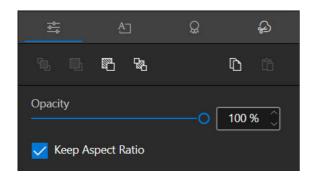
### Insert a cut-out image

Choose an image from one of the available categories, in this example, **Animals**. Then drag and drop the image directly onto your photo



(Optional) If necessary, adjust and customize your cut-out image:

- Move the image on your background (hand cursor)
- Change its size using the handles (double arrow cursor)
- Rotate the image (rotation arrow)
- Use the **Adjustments** tab to organize the elements in your photomontage: place in the foreground or background of your photo, or in front of/behind another element (cut-out image, text, sticker).

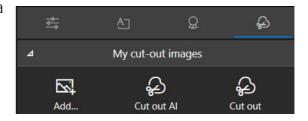


### Create your own cut-out image

You can continue your creation by cutting out an image yourself to complete your photomontage.

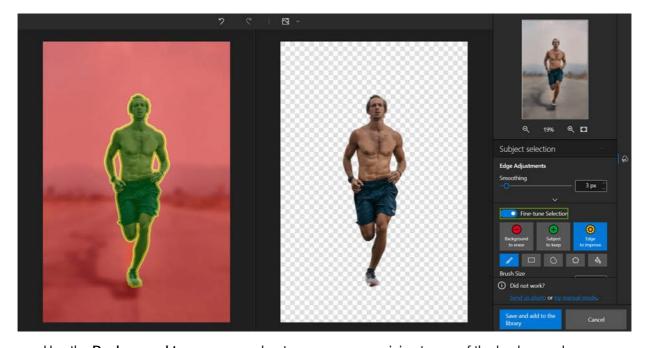
1. In My cut-out objects click Cut out Al and select a photo from your folders.

InPixio removes the background automatically.

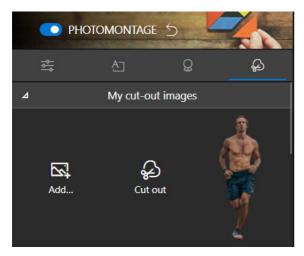




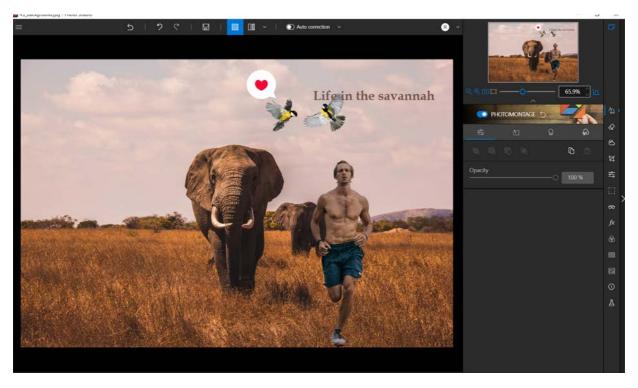
2. If necessary, you can improve the cut-out by clicking Fine-tune selection.



- Use the **Background to remove** marker to erase any remaining traces of the background.
- Use the **Subject to keep** marker to "reconstruct" any missing details.
- Use the **Edge to improve** marker to define the edges of your subject more precisely. This tool also allows you to mark fine details that were not included in the automatic selection, for example hair or leaves.
- 3. Click **Save and add to the library**. The image is exported and added directly to the library in the **My cut-out images** section.



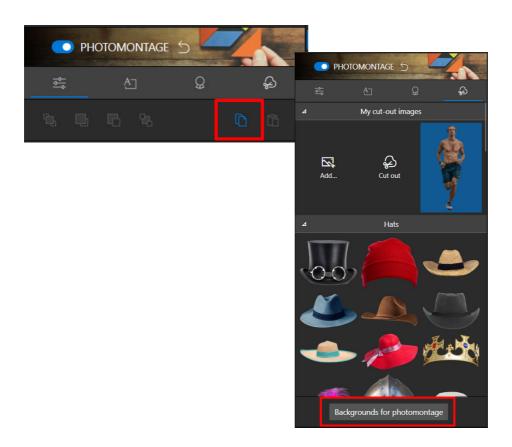
4. Drag and drop the jogger directly onto your background.



### Change your photomontage background

For even more creative possibilities, Photo Studio allows you to change the background of your photomontage.

1. In the **Adjustments** tab, click **Copy**, then draw a selection rectangle on your photo covering all the elements added. Then go back to the **Cut-out images** tab and click **Backgrounds for photomontage**.



2. Select a new background image for your photomontage.



3. In the Adjustments tab, click Paste all of the previously copied elements.

Your cut-out images are pasted onto the new background.



4. To save your photomontage, click the **Save button**. See the section *Saving a retouched photo*.

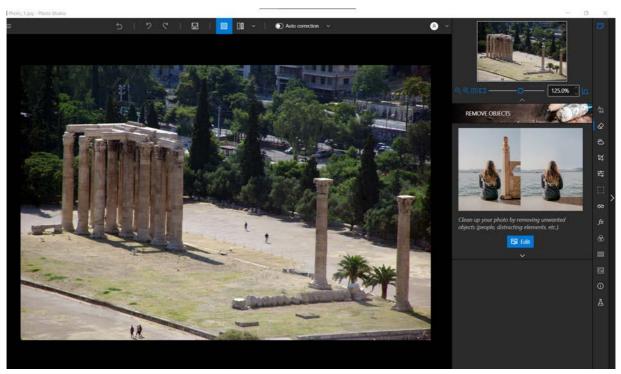
# Remove objects

With the Remove objects module you can erase distracting or unwanted elements on your photos: electric cables on holiday landscapes, unsightly objects, strangers or even your own shadow that can appear on some of your shots.

#### **Erase**

With the Erase tool you can easily erase certain elements in a photo, tourists in the following example, without changing the rest of your shot.

- 1. Open the photo you wish to rework.
- 2. On the right-hand panel, click the **Remove objects** tab.

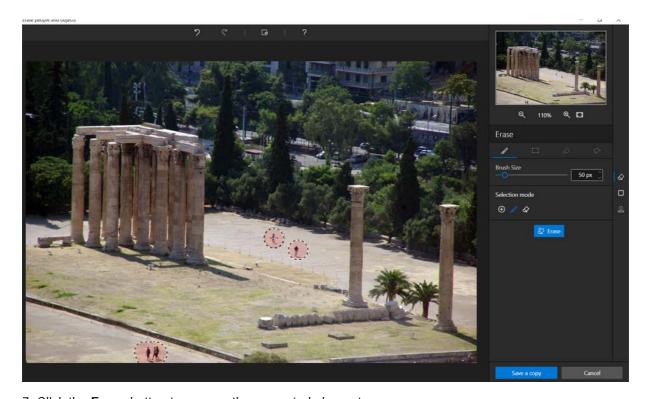


3. Click Edit to access the tools in this module.

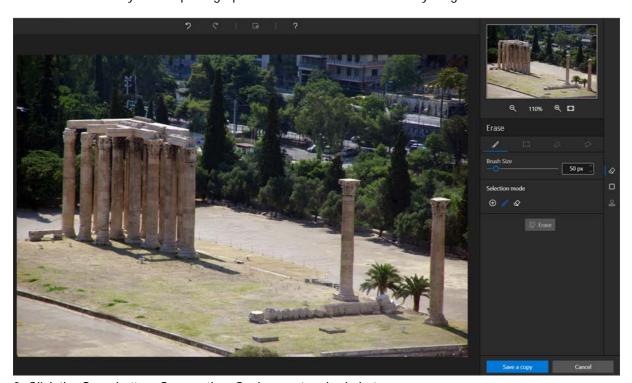
On first use, a window with video tutorials opens, we recommend watching them to help get started with the tools. Click **Close** and check the box **Do not ask again** to stop displaying the videos. You can access the videos at any time by clicking the question mark icon in the **Edit** window.



- 4. On the right-hand panel, click Erase.
- 5. Select the **Selection brush** tool and adjust its size to +50 px.
- 6. Mark the elements you wish to erase by clicking them, the tourists in this example.



7. Click the Erase button to remove the unwanted element.Photo Studio analyzes the photograph and erases the tourists as if by magic.



8. Click the Save button. See section Saving a retouched photo.

#### **Correction Patch**

This correction tool eliminates imperfections and makes it easy to "rebuild" delicate areas: it can both erase and add items, even on parts of your photo which are very difficult to recreate (steps, gradients in the sky, etc.).

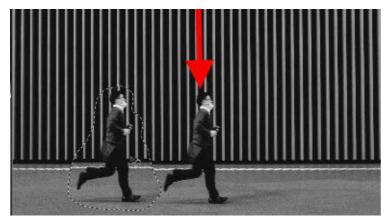
To quickly master the Correction Patch tool, it is important to understand the difference between the **Duplicate the selection** and **Fill the selection** options:

#### **Duplicate the selection:**

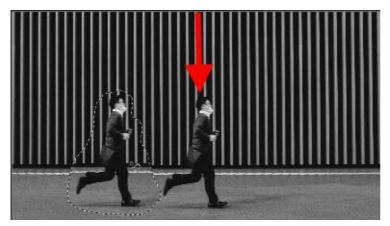
Allows you to make an identical copy of a selected area in your photo.

#### Fill the selection (default option):

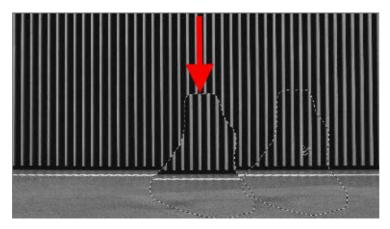
Allows you to replace a selected area with another part/area of the same photo



Original photo



Duplicate the selection Moves an identical copy of the person selected to another location in the image.

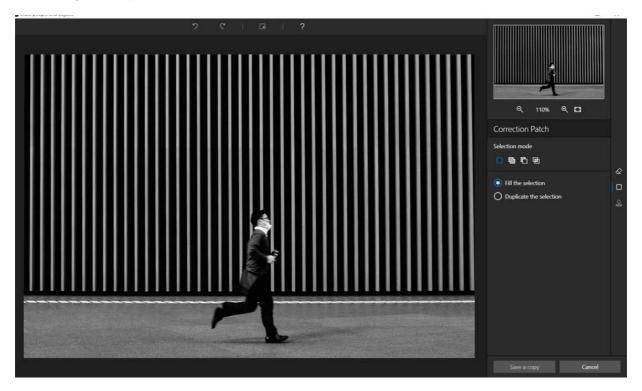


Fill the selection Replaces the person selected with the area you pass over with your mouse.

#### Replacing a selected area (Fill the selection)

Replaces part of the image with another part of the same image. In this example, replacing the person with a part of the wall:

- 1. Open the photo you wish to edit.
- 2. In the right-hand panel, click Correction Patch.



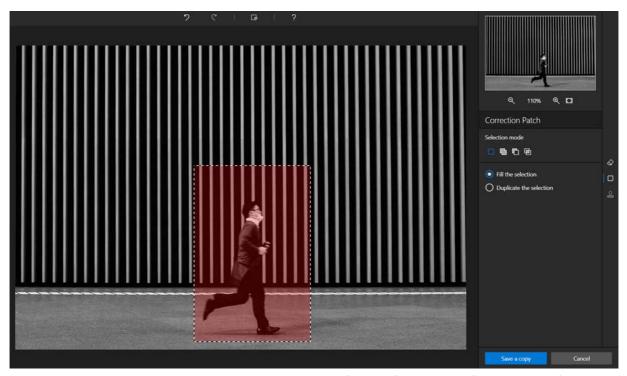
3. Click the **Fill the selection** button.

By default, the Correction Patch tool allows you to draw a lasso selection area.

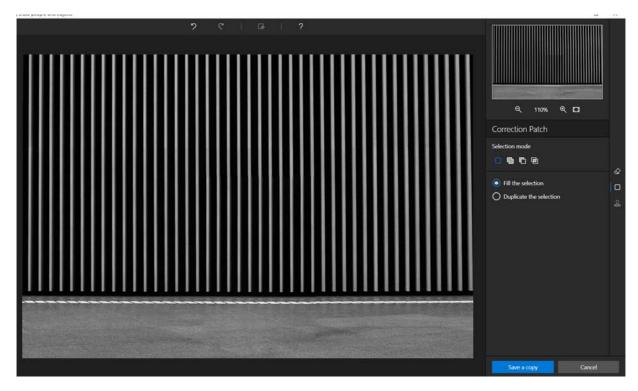
4. With your mouse, draw a fairly wide selection area around the item you want to replace on your photo.

You can use the **Selection mode** toolbar to make multiple or more accurate selections. See section *Selection mode*.

The selected area is displayed in red



- 5. Holding down the left mouse button, drag the selection (the man) to the area (part of the wall) that will replace him in your photo to make him disappear.
- 6. Adjust the positioning of your selection to create a perfect alignment, then release the mouse to confirm.



The wall now hides the person who was present in the photo.

This example uses a simple rectangular selection. The tool also offers other options for more flexible and accurate retouching. For more information on the **Selection mode** toolbar of the **Correction Patch** tool, see the section below.

#### Selection mode

A selection mode toolbar is available to alter and adapt your selection.

#### New selection:

Define a new selection.

#### Add to the selection (Shift + click):

Select multiple areas to work on or expand the current selection.

#### Subtract from selection (Alt + click):

Redefine your selection area by removing part of your selection.

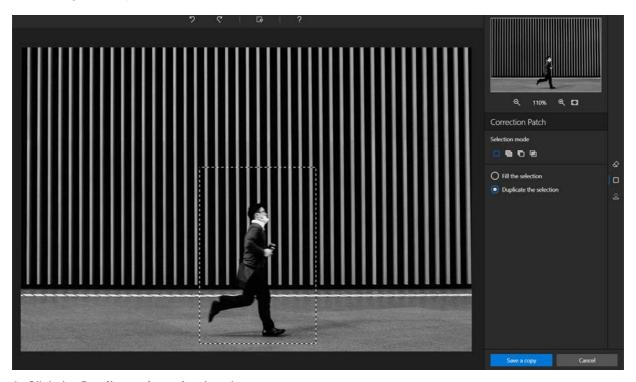
#### **Intersection with selection** (Shift + Alt + click):

Create an intersection between different selections.

#### Make an identical copy of a selected area (Duplicate the selection)

Copies part of an image to another part of the image; in this example, duplicating the person in the photo:

- 1. Open the photo you wish to edit.
- 2. In the right-hand panel, click Correction Patch.



3. Click the **Duplicate the selection** button.

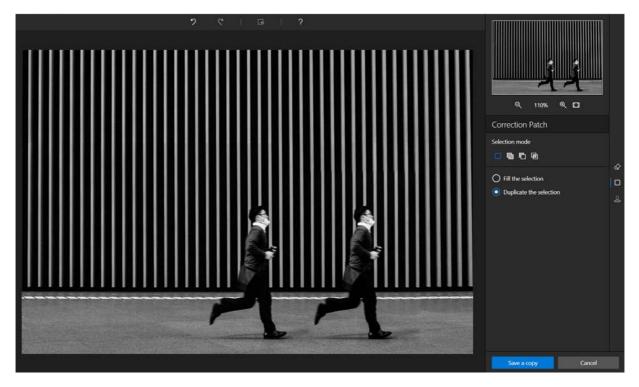
By default, the **Correction Patch** tool allows you to draw a lasso selection area, which works for our example.

4. With your mouse, draw a fairly wide selection area around the item you want to duplicate on your photo.

You can use the **Selection mode** toolbar to make multiple or more accurate selections. See section *Selection mode*.

The selected area is displayed in green.

5. Holding down the left mouse button, drag the selection (the man) to the area where you want to duplicate him.



6. Adjust the positioning of your selection to create a perfect match and then release the mouse to confirm.

The "second" person is perfectly integrated into the image.

### Clone Stamp

Another method for erasing elements in your photos is to copy part of the photo and use it like a stamp, pasting over objects to make them disappear, a hot-air balloon in the example below, or a person.

1. Open the photo you wish to edit.



- 1. On the right-hand panel, click Clone Stamp.
- 2. Click the **Source to duplicate** icon and click the photo to define a point of origin for the clone stamp, the corner of the blue sky in this example. This point of origin is now indicated by a gray circle.
- 3. Define the brush size and **70%** for hardness.
- 4. Move the mouse (without clicking) to the area where you wish to clone the selected blue sky.

5. A cross indicating the area you have selected to clone and a circle indicating the position of your mouse are displayed.



6. Align the stamp on the horizon then click the balloon to erase it. Repeat click to make it disappear completely.



As you repeatedly apply the Clone Stamp, Photo Studio erases the hot-air balloon.

# Тір:

Hold the **Alt** key down and click the photo to define the point of origin that will serve as your cloning stamp, the corner of blue sky in this example, then release the mouse button. A gray circle appears, indicating the point of origin.

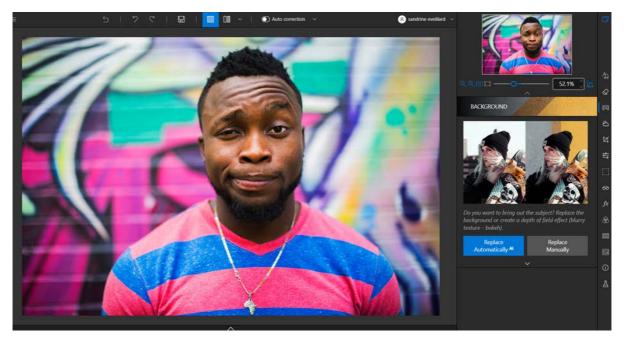
# Background - Pro Version

The Background module allows you to accentuate the subject of a photo by entirely replacing the background or by adding a blur effect to the background.

inPixio's artificial intelligence automatically distinguishes between the subject and background of your photos. This means you can now enjoy 100% automatic image processing to replace the background of a photo, and take control of your editing by activating manual mode at any time.

# Replace a background automatically (AI)

- 1. Open the photo with the background you want to change.
- 2. On the right-hand panel, click the **Background** tab.



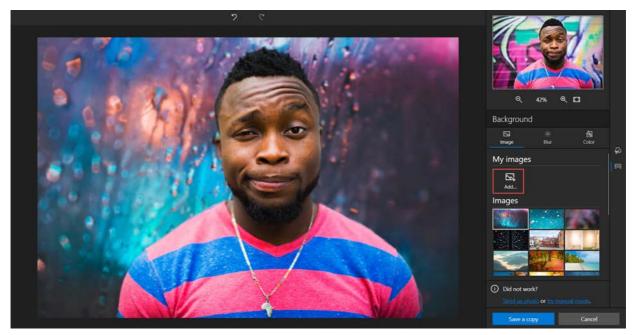
3. Click **Replace automatically AI** to start the automatic image processing. inPixio's AI selects and removes the background for you.



4. If you're not satisfied with the result, you can activate **Fine-tune selection** to correct the selection with the help of markers.



- Use the **Background to remove** marker to erase any remaining traces of the background.
- Use the **Subject to keep** marker to "reconstruct" any missing details.
- Use the **Edge to improve** marker to define the edges of your subject more precisely. This tool also allows you to mark fine details that were not included in the automatic selection, for example hair or leaves.
- 5. If necessary, use the **Smoothing** slider to adjust the level of feathering around the edges and soften the details of the outline.
- 6. Click **Continue**. The background library displays, and a default background is applied automatically.



7. Select the background of your choice, a nature background in the below example.

Or click **Add** and choose an image from your personal photos to add to the image library.



8. Alternatively, other tools are available to edit your photo background:

### ■ Blur

Add blur to the original background, example in the following section *Blur a background*.

### ■ Color

Choose a color background for your photo.

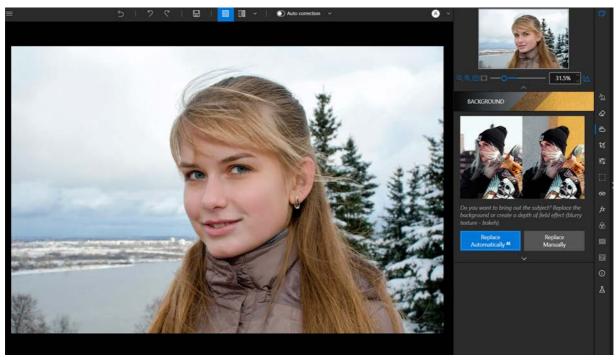
9. Click **Save a copy**. Your edited photo is automatically exported to the same folder as your original photo and renamed **Photo-Cutter.jpg**.

Note: Your original photo is kept, inPixio saves your edited photo as a copy.

# Replace a background manually

You can replace the sky in a photo, or you can entirely change the background landscape of your photo.

- 1. Open the photo with the background you want to change.
- 2. On the right-hand panel, click the **Background** tab.



3. Click **Replace manually** to access the tools in this module. By default, the **Subject to select** tool is displayed.

4. Click the **Background to erase** tool, then roughly mark the part of the background to remove from your photo.

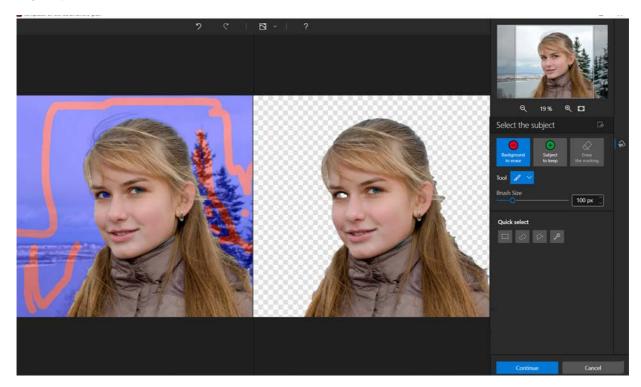
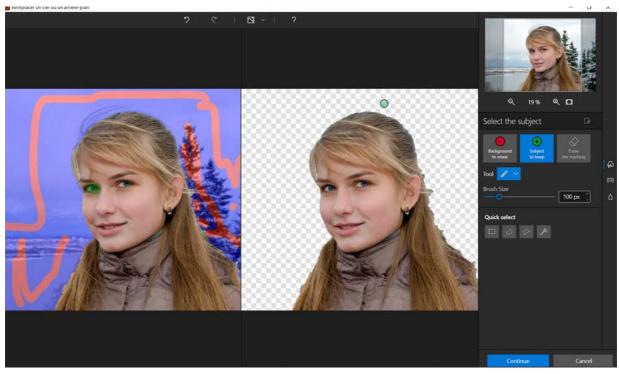


Photo Studio will automatically remove the rest of the background and switch to a vertical side-by-side view so that you can see your changes as you work. You can edit in either side of the view.

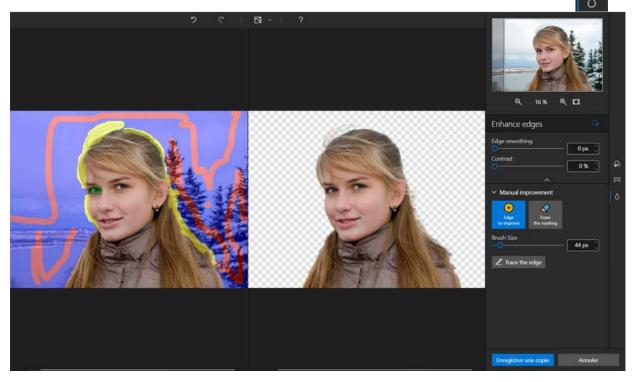
5. Use the **Subject to keep** tool to mark the girl's eye partially erased in this example, to display it again. Photo Studio instantly "reconstructs" missing details.

Tip: try using the magic wand in the quick select toolbar, Photo Studio automatically detects the subject and does a first selection for you.





- 6. Click **Continue** and use the **Enhance edges** tool in the tabs to the right of the module to perfect the cut-out.
- 7. Highlight the difficult areas of the hair (marked in yellow on the photo). Photo Studio automatically completes the cut-out.



8. Click the **Background** tab in the right-hand panel to access the **Background** tool.

This tool provides the following options for editing your background:

### ■ Image

Add a new background image to your photo.

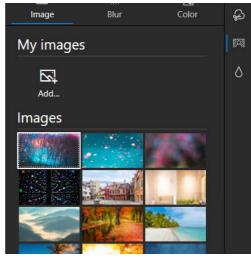
#### ■ Blur

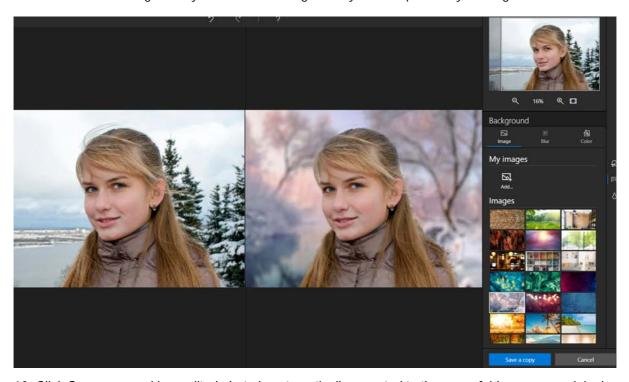
Add a blur effect to the original background, example in the following section *Blur a background*.

#### ■ Color

Choose a color background for your photo.

9. Choose the **Image** option, then select a new background from the inPixio image library. Or select an image from your own photos by clicking **Add**.

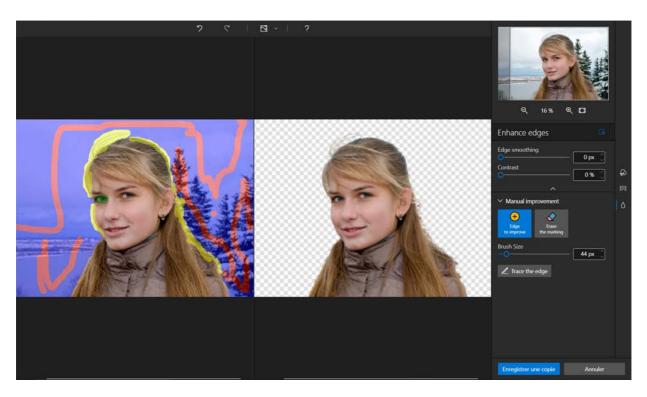




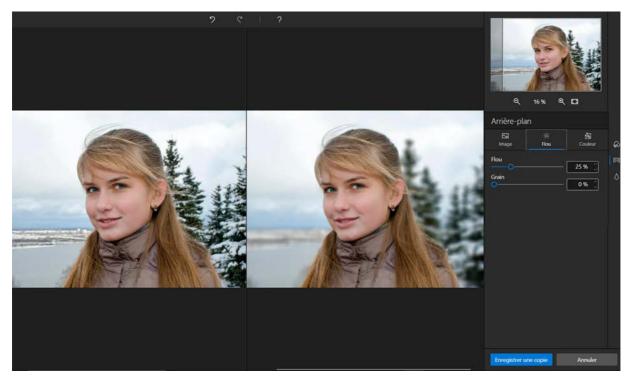
10. Click **Save a copy**. Your edited photo is automatically exported to the same folder as your original photo and renamed **Photo-Cutter.jpg**.

# Blur a background

Follow the steps in the *Replace a background manually* section to mark the background of your image. Then you can apply an artistic effect to your existing photo background.



- 1. From the **Background** tool, choose the **Blur** option then adjust your blur effect settings:
  - Move the **Blur** slider to adjust the intensity of the effect: to the right if you want to increase the blur, to the left to reduce the effect.
  - Move the **Grain** slider to the right to add grain also called noise to your photo for a retro/vintage effect.:



The blur effect, also called bokeh, adds depth of field and highlights the person's face.

2. Click Save a copy.

# Sky - Pro Version

The Sky module allows you to change the atmosphere of a photo by replacing a dull sky with a vivid sunset, for example.

inPixio's artificial intelligence automatically distinguishes between the foreground and sky of your photos. This means you can now enjoy 100% automatic image processing to replace the sky, and take control of your editing by activating manual mode at any time.

The replacement tool also adjusts your image to create a better fit between the foreground and the new sky.

# Replace a sky automatically (AI)

- 1. Open the photo with the sky you want to replace.
- 2. On the right-hand panel, click the **Sky** tab.



3. Click **Replace automatically** to start the automatic image processing. inPixio's AI selects and removes the sky for you.



4. If you're not satisfied with the result, you can activate **Fine-tune selection** to correct the selection with the help of markers.

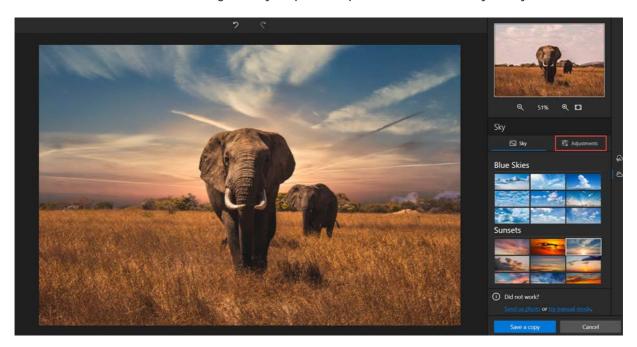


- Use the **Background to remove** marker to erase any remaining traces of the background.
- Use the **Subject to keep** marker to "reconstruct" any missing details.
- Use the **Edge to improve** marker to define the edges of your subject more precisely. This tool also allows you to mark fine details that were not included in the automatic selection, for example hair or leaves.
- 5. If necessary, use the **Smoothing** slider to adjust the level of feathering around the edges and soften the details of the outline.
- 6. Click **Continue**. The sky library displays, and a default sky is applied automatically.



7. Select a sky from the category of your choice, in this example, **Sunsets**.

Or click **Add** and choose an image from your personal photos to add to the sky library.



The savanna landscape is instantly enhanced by the light of the sunset.

8. Click the **Adjustments** tab to fine-tune your photo's sunset atmosphere.

■ Sky Adjustments:

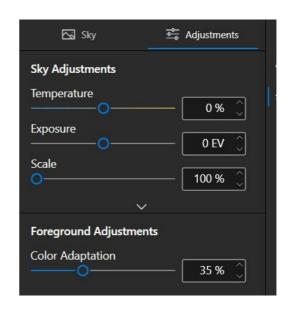
**Temperature**: move the slider to the right for warmer colors, to the left for a cooler look.

**Exposure**: move the slider to the right to increase brightness, to the left to reduce brightness.

**Scale**: move the slider to the right to "zoom in" on the sky.

■ Foreground Adjustments:

**Color Adaptation**: move the slider to the right for a closer match between the colors of the foreground and sky.

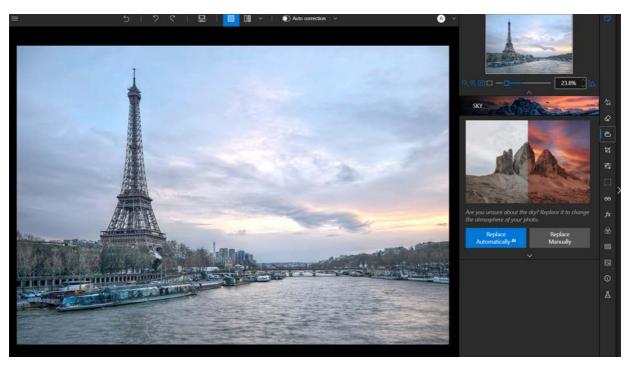


9. Click **Save a copy**. Your edited photo is automatically exported to the same folder as the original photo and renamed **Photo-Cutter.jpg**.

Note: Your original photo is kept, inPixio saves your edited photo as a copy.

# Replace a sky manually

- 1. Open the photo with the sky you want to replace.
- 2. On the right-hand panel, click the **Sky** tab.

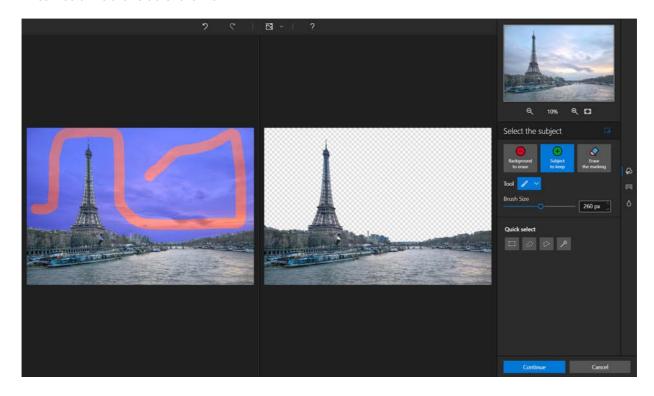


3. Click Replace manually to access the tools in this module.

4. Click the **Background to erase** tool, then roughly mark the sky to remove. By default, the **Brush** tool is selected.

Depending on your photo and the area to cut out, you may find that another tool is more suitable: **Rectangle**, **Lasso**, **Polygonal lasso** or **Paint bucket**.

Photo Studio will automatically remove the rest of the background and cut out the Eiffel Tower. The view mode switches to a vertical side-by-side view so that you can see your changes as you work. You can edit in either side of the view.



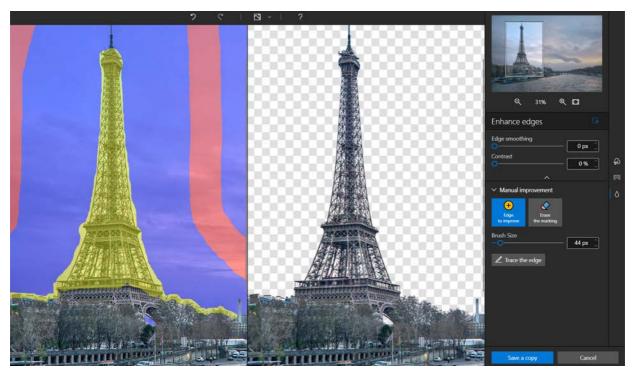
Tip: try using the magic wand in the quick select toolbar, Photo Studio automatically detects the subject and does a first selection for you.



On detailed areas, such as the lattice of the Eiffel Tower, the cut-out remains imperfect.

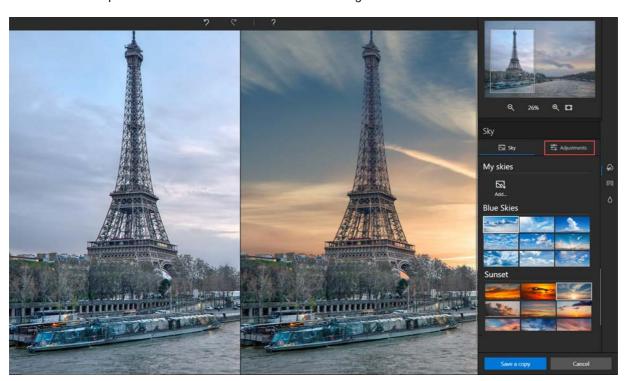
For this kind of detailed subject, inPixio provides a tool for fine-tuning your cut-out.

5. Click the **Continue** button then **Enhance edges** tool in the tabs to the right of the module.



- 6. Adjust **Brush size** to adapt the thickness of the marking and highlight the area to rework. The cut-out is now improved.
- 7. In the tabs to the right of the module, click **Sky** to access the library of skies.
- 8. Select a sky from the category of your choice, in this example,  ${\bf Sunset}$ .

The Eiffel Tower photo is now enhanced with a sunset background!



9. Click the **Adjustments** tab to fine-tune your photo's sunset atomsphere.



## ■ Sky Adjustments:

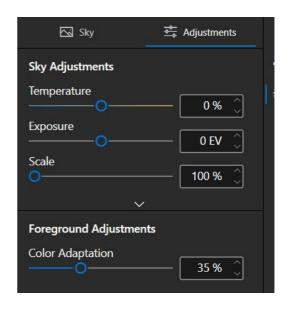
**Temperature**: move the slider to the right for warmer colors, to the left for a cooler look.

**Exposure**: move the slider to the right to increase brightness, to the left to reduce brightness.

**Scale**: move the slider to the right to "zoom in" on the sky.

## ■ Foreground Adjustments:

**Color Adaptation**: move the slider to the right for a closer match between the colors of the foreground and sky.



9. Click **Save a copy**. Your edited photo is automatically exported to the same folder as the original photo and renamed **Photo-Cutter.jpg**.

Note: Your original photo is kept, inPixio saves your edited photo as a copy.

# Crop

Photos are sometimes taken quickly to capture a moment, without much thought to framing. Whichever inPixio module you are in, you can crop your photos.

- 1. On the right-hand panel, click the **Crop** tab. Handles are displayed on your image.
- 2. Click a predefined format to automatically apply this to your photo.

Or

Click **Custom** and use the handles to manually crop your photo to the dimensions of your choosing



- 3. Click the **Crop** button to confirm the cropping of your photo.
- 4. To save the cropped photo, click the **Save** button. See section *Saving a retouched photo*.

You can also create a new crop format, a mirror image, rotate 90° or change the angle of your photo.

# Choosing a new format

- 1. From the **Crop** tab, click the **New** button. The New W/H Ratio dialog box is displayed.
- 2. Use the arrows to define your desired cropping proportions then click **OK**. The newly defined format is automatically applied and added to the list of available predefined formats.
- 3. Click the **Crop** button to confirm your cropped photo then the **Save** button.

# Rotating and/or straightening a photo

- 1. From the **Crop** tab, use the **Angle** slider to adjust the angle of your photo or use the **Rotate** options to rotate your photo 90° clockwise or counterclockwise.
- 2. Click the **Crop** button to confirm your cropped photo then the **Save** button.

# Adjustments

Adjust brightness or colors and correct defects in a photo.

■ On the right-hand panel, click the **Adjustments** tab.

# Adjusting brightness and colors

In the **Adjustments** tab, adjust the sliders for the different settings to optimize the appearance of your photo:

## Temperature:

Move the slider to the left for cooler colors, or to the right for warmer colors.

#### Hue:

Move the slider left to add green to the photo, or move it right to add magenta. This setting acts like a filter.

*Practical example*: The light from the candles can tint a photo red; add a green hue to counteract this effect and make the photo look more natural.



#### **Exposure:**

Refine the overall exposure of an image by adjusting the exposure value.

#### Blacks:

Move the slider left to reduce the brightness of dark tones, or right to increase it.

#### Contrast:

Move the slider left to intensify dark tones, or right to intensify light tones.

The following example contains multiple adjustments: reduced **Shadows**, lower **Contrast**, increased **Clarity** and increased **Saturation**.



#### Shadows:

Move the slider left to reduce the luminosity of dark tones, or right to increase it.

### Highlights:

Move the slider left to reduce the luminosity of light or overexposed tones, or right to increase it.

#### Whites:

Move the slider left to reduce the brightness of light tones, or right to increase it.

#### Saturation:

Move the slider left to reduce color saturation, or right to increase it.

#### Clarity:

Move the slider left to reduce contrast and sharpness, or right to increase them.

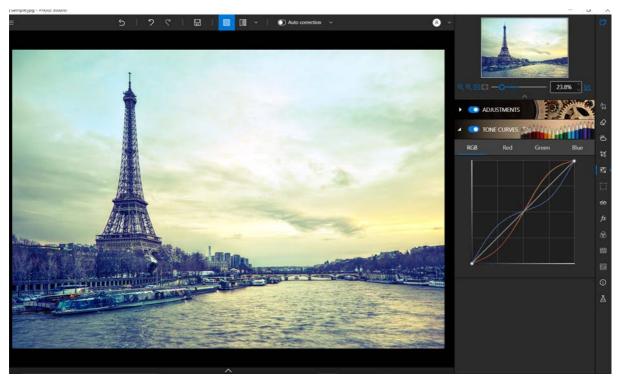
*Practical example for landscapes*: You can reduce blur in a photo by selecting a positive value on the Clarity slider. This adjustment is particularly effective when applied to a landscape photo.

**Practical example for portraits**: Selecting a negative value on the **Clarity** slider creates a softening effect. This is particularly useful when applied to a portrait, as it smooths the skin tones.

To save the setting(s) applied to your photo, click the **Save** button. See section *Saving a retouched photo*.

# Adjusting a photo's tone scale

- On the right-hand panel, click the **Adjustments** tab.
- 1. Click the **Tone Curves** tool
- 2. Adjust the curve by clicking and dragging it to alter the Red, Green and Blue tones.



3. To save the Tone Curves applied to your photo, click the **Save** button. See section Saving a retouched photo.

# Selective retouching - Pro Version

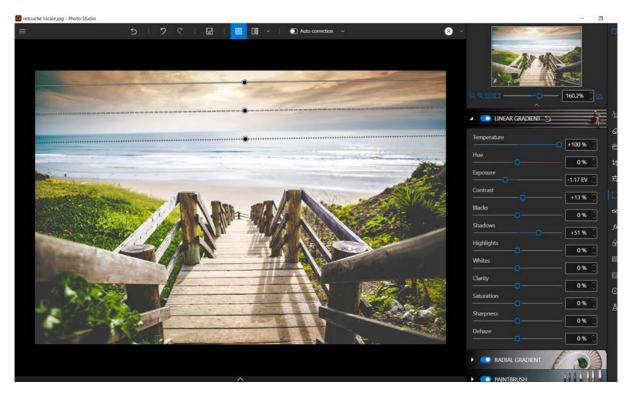
This type of retouching is useful for modifying a specific area of an image.

■ On the right-hand panel, click the **Selective retouching** tab to display the three associated tools.

# Linear gradient

This tool is ideal for applying a linear gradient filter between a starting point and an end point.

- 1. Click the Linear gradient tool.
- 2. Place the gradient on your photo by holding down the left mouse button to draw your gradient area and stretch it to the desired size.
- 3. Adjust the sliders for the different settings to optimize the appearance of your photo. For more information, see section *Targeted settings for Selective Retouching*.
- 4. If needed, move your linear gradient using the handles.



# Radial gradient

This tool is ideal for applying a circular gradient filter between a starting point and an end point.

- 1. Click the Radial gradient tool.
- 2. Place the gradient on your photo by holding down the left mouse button to draw a circular shape and stretch it to the desired size.
- 3. Adjust the sliders on the different settings to optimize the appearance of your photo. For more information, see section *Targeted settings for Selective Retouching*.

4. If needed, move your radial gradient using the handles.



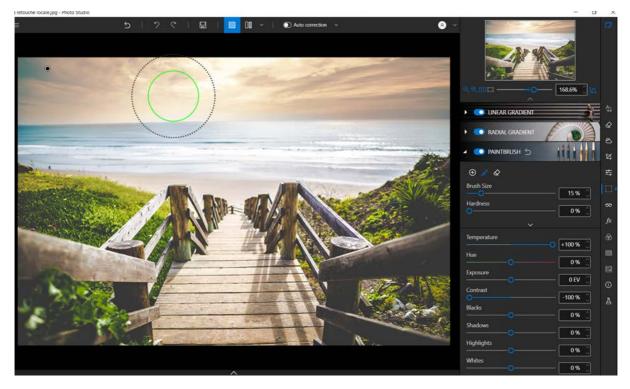
The additional options are:

- Feather: increases or reduces the depth of the gradient.
- Invert Mask: excludes the previously defined gradient area when applying the settings.

# **Paintbrush**

This tool is ideal for selecting a specific area and applying certain settings to it.

- 1. Click the **Paintbrush** tool.
- 2. Click the **Start new adjustment** icon.
- 3. Adjust the sliders to optimize the paintbrush settings. For more information, see section *Targeted settings for Selective Retouching*.
- 4. Retouch the desired area(s).
- 5. If necessary, select the **Eraser** icon and correct your selection.



Note: You can apply multiple localized corrections on the same photo. Combine different paintbrush settings or different types of selective retouching to creatively edit your photos as much as you like.

## Targeted settings for Selective Retouching

Targeted settings in the selective retouching tools allow you to give your photo a totally new look. You can adjust the following settings:

#### Temperature:

Move the slider to the left for cooler colors, or to the right for warmer colors.

#### Hue:

Move the slider left to add green to the photo, or move it right to add magenta. This setting works like a filter.

### Exposure:

Refine the overall exposure of an image by adjusting the exposure value.

#### Contrast:

Move the slider left to intensify dark tones, or right to intensify light tones.

#### Blacks:

Move the slider left to reduce the brightness of dark tones, or right to increase the brightness of dark tones

## Shadows:

Move the slider left to reduce the luminosity of dark tones, or right to increase it.

## Highlights:

Move the slider left to reduce the luminosity of light or overexposed tones, or right to increase it.

### Whites:

Move the slider left to reduce the brightness of light tones, or right to increase it.

### Clarity:

Move the slider left to reduce contrast and sharpness, or right to increase them.

### Saturation:

Move the slider left to reduce color saturation, or right to increase it.

### Sharpness:

Move the slider right to intensify the details of the photo and optimize sharpness.

### Denoise:

Move the slider right to reduce the amount of noise in your photo.

# **Correction - Pro Version**

Photo Studio provides effective, easy-to-use corrections for the defects most commonly found in your shots (red eye, sharpness, noise, haze problems or perspective issues).

■ On the right-hand panel, click the **Correction** tab to display the different correction tools.

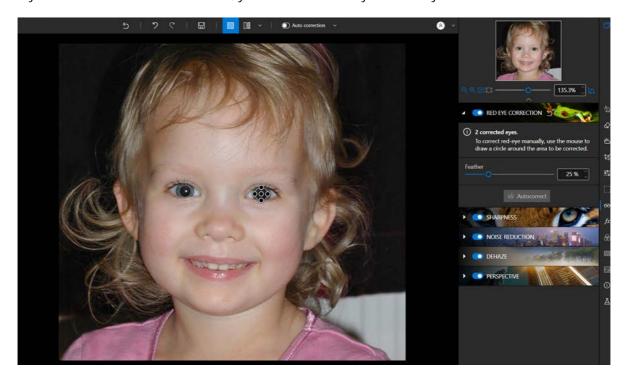
# **Red Eye Correction**

inPixio Photo uses a new technology to detect faces on photos and corrects red eyes automatically in most cases.

### **Automatic correction**

■ A simple click on the **Red Eye Correction** module triggers the auto correction process.

If you are not satisfied with the result, you can correct red eyes manually.



### Manual correction

- 1. Once automatic detection is complete, a circle is displayed on the detected eyes.
  - If the face is not detected automatically, draw the outline of the eyes to retouch them directly on the photo.
- 2. Adjust the circle on each eye using the handles and click **Auto correction**.
- 3. To save the correction applied to your photo, click the Save button. See section *Saving a retouched photo*.

# **Sharpness**

Did you take a photo quickly with mistaken settings, or do you simply want to make your shot sharper?

- 1. Click the **Sharpness** module.
- 2. Use the Amount and Radius sliders to increase sharpness.

#### ■ Amount:

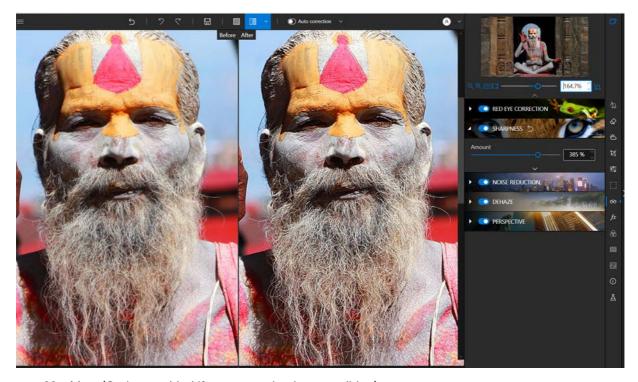
Move the slider to the right to heighten the details of the photo and enhance sharpness.

■ Radius (Option enabled if you move the Amount slider):

Move the slider to the right to increase the size of the sharpening area on each detail, or left to reduce it.

Tip:

A smaller radius is better suited to photos with very fine details taken with a good camera, whereas a larger radius is more suitable for photos with coarser details taken with a smartphone.



■ Masking (Option enabled if you move the Amount slider.)

Move the slider to the right to reduce the generation of noise in solid-colored areas during processing.

# Denoise

This tool corrects noise problems in the darker or solid parts of your photos.

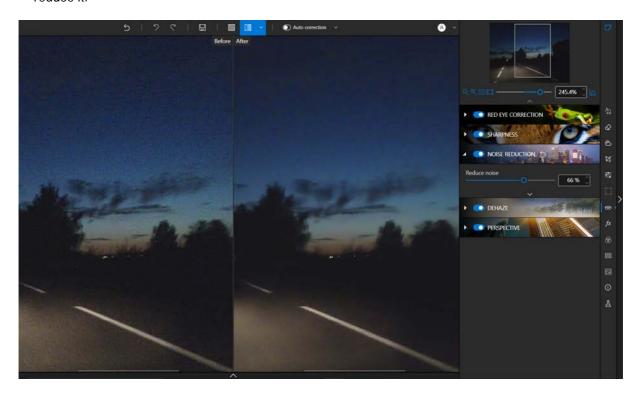
- 1. Click the **Denoise** tool.
- 2. Use the Amount slider to reduce noise.

#### ■ Amount:

As you move this slider to the right, you'll notice that noise decreases.

#### ■ Radius:

Move the slider to the right to increase the size of the denoising area around each pixel, or left to reduce it



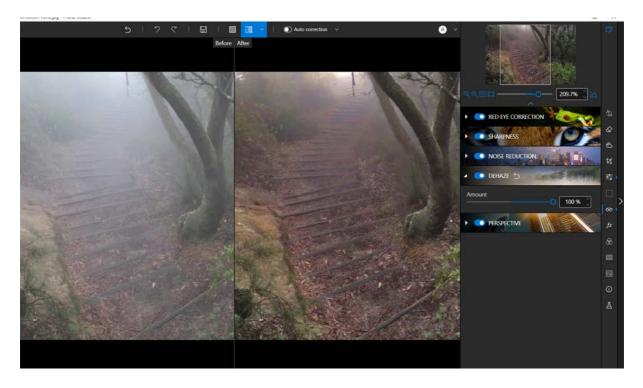
### Tip:

A smaller radius is better suited to photos with very fine details taken with a good camera, whereas a larger radius is more suitable for photos with coarser details taken with a smartphone.

# **Dehaze**

This tool reduces unsightly white haze in your photos.

- 1. Click the **Dehaze** tool.
- 2. Use the **Amount** slider to reduce haze.



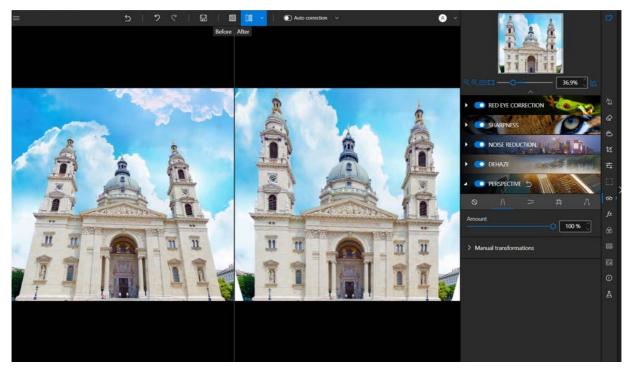
# Perspective

If you stand too close to a building that you are photographing, the result looks different from what you saw in reality. The building appears to be leaning backwards with the base looking disproportionately large: this is called perspective distortion. With the Perspective tool, you can correct this issue automatically or manually.

### Automatic perspective correction

■ Click the Perspective tool, then click Vertical and horizontal line correction to start the full automatic correction process.

You can also opt for automatic correction of either horizontal lines or vertical lines only, by clicking the corresponding buttons.



Tip:

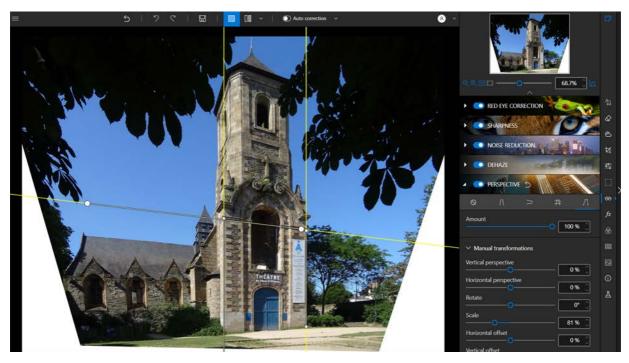
For a more natural looking result, slightly reduce the Amount setting.

If you are not satisfied with the result or if you would like a more precise adjustment, you can also correct perspective manually.

You can delete your perspective adjustments at any time, by clicking the option **Undo all corrections**.

## Manual perspective correction

- 1. Click the Perspective tool, then click Manual correction with guides.
- 2. On your photo, trace the line or lines that you want to straighten. The cursor has an accompanying zoom display that you can use to help you draw precise lines.



3. Click the arrow to display the **Manual Transformations** settings, then adjust these settings as needed to correct perspective:

#### ■ Vertical perspective:

Move the slider to the right to tilt the building forwards to compensate for a shallow viewing angle, or left to compensate for a steep viewing angle.

### ■ Horizontal perspective:

Use the slider to straighten the level of the building, for example to adjust it to the skyline.

#### ■ Scale:

When correcting perspective distortion, white areas can appear at the edges of the image. With the Scale slider, your can adjust the size of the image to fit the frame and eliminate these empty areas.

#### ■ Horizontal offset:

Move the slider in the direction you want to move your image (left or right).

#### ■ Vertical offset:

Move the slider right to move your image upwards, or left to move it downwards.

### ■ Rotate:

Use the slider to rotate the photo in its entirety. This option can be useful for straightening a distorted image.

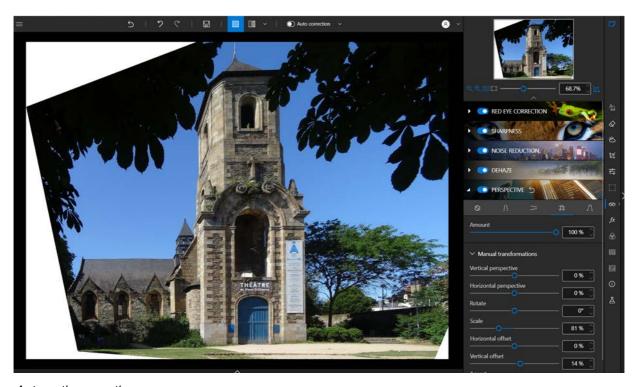
#### ■ Aspect:

Use the slider to alter the aspect ratio (width to height) of an image, with the aim of correcting as much image distortion as possible.

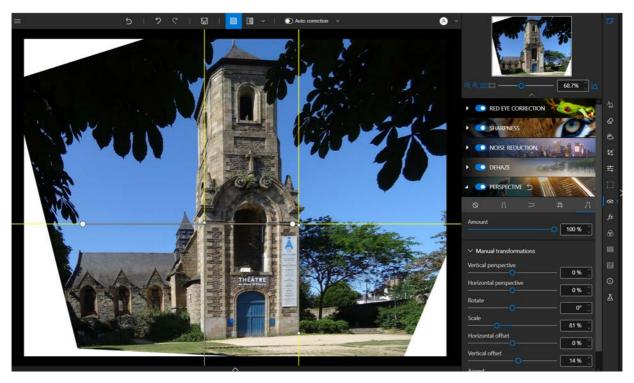
4. To save your corrections, click the **Save** button. See section *Saving a retouched photo*.

#### Note:

For some photos, automatic correction cannot fully correct distortion. For example, if you didn't have enough distance when taking the photograph, or if you were not standing directly opposite your subject, like in the image used in this section. If this is the case, switch to manual mode for more precise correction.



Automatic correction



Manual correction

# **Effects**

■ On the right-hand panel, click the **Effects** tab to display the associated tools.

# **Color Balance**

All colors can be "counterbalanced" by their complementary color. By adjusting color balance you can give your photos a more natural appearance, or even create special effects.

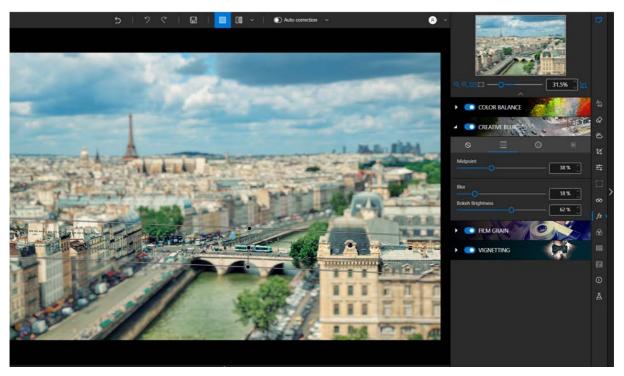
- 1. Click the Color Balance tool.
- 2. Select the option matching the degree of precision you wish to apply to your setting. Use the **Hue** slider or click directly on the chromatic wheel to choose or adjust a color.
  - Global: to apply the same hue to the whole image then adjust the intensity of this hue with the saturation slider.
  - Split Toning: to apply a graduated effect depending on luminosity (Shadows or Highlights).
  - Three-Way: to apply a selective setting (Shadows, Medium Tones, Highlights).
- 3. Check the **Preserve Luminosity** box to prevent dimming of the image when modifying a color.
- 4. To save the hue applied to your photo, click the **Save** button. See section *Saving a retouched photo*.

# Creative Blur - Pro Version

You can apply a miniature effect to elements of a photo with the creative retouching tools:

- 1. Click the Creative Blur tool then Linear blur: this places a sharp linear area on the photo.
- 2. You can move or change the size of this area using the handles.
- 3. Adjust the settings of your linear blur:
  - Use the **Midpoint** slider to define the width of the sharp area
  - Move the Amount slider to adjust the degree of zoom around the sharp area: move it right to intensify the blur around the sharp area, or left to reduce it.

In this example, the sharp area is concentrated on the bus to make it look like a miniature bus



4. To save the model effect created on your photo, click the **Save** button. See section *Saving a retouched photo*.

You can also add depth of field to a photo to highlight the focal point of the image.

- 1. Click the **Creative Blur** tool, then the **Radial blur** icon: by default, this places a sharp circular area on the photo.
- 2. You can move or change the size of this area using the handles.
- 3. Adjust the settings of your radial blur:
  - Use the **Feather** slider to determine the width of the gradient between the blurred and sharp areas of the photo. The higher the percentage, the more gradual the gradient between the blurred and sharp areas of the photo becomes.
  - Move the **Amount** slider to adjust the degree of zoom around the sharp area: move it right if you want to intensify the blur around the sharp area, or left to reduce it. If you move the **Amount** slider all the way to the left (0%), the blur is removed.



4. To save the depth of field effect applied to your photo, click the **Save** button. See section *Saving a retouched photo*.

# Film Grain - Pro Version

Do you want to make your digital photo look like a silver film photo?

You can do this easily with the Film Grain module.

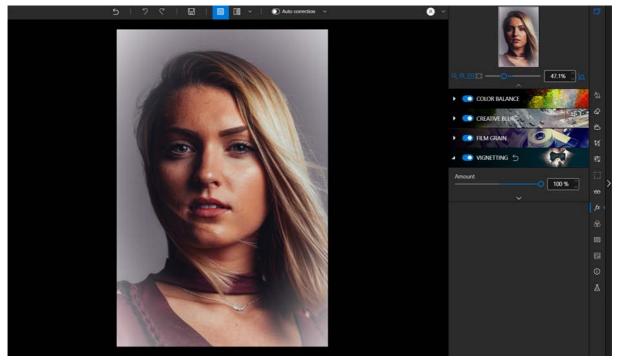
- 1. Click the **Film Grain** module.
- 2. Use the **Amount** slider to increase or reduce grain on your photo.

# Vignetting

With the vignetting process, you can give your photo an artistic and flattering look. Vignetting darkens the corners of a photo.

- 1. Click the **Vignetting** tool.
- 2. Use the sliders to create a vignetting effect:
  - Use the **Midpoint** slider to determine how far from the center of the photo the vignetting starts, move it right to push the vignetting effect to the edges of the photo, or left to bring it to the center of the photo.

■ Move the Feather slider to set the level of gradient between the vignetting color and the color of the photo; move it right to achieve a progressive gradient, or left to reduce the gradient effect. (The Midpoint and Feather options are enabled if you move the Amount slider.)



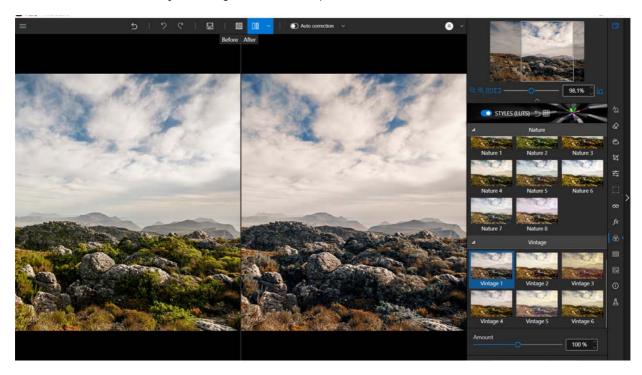
3. To save the vignetting, click the **Save** button. See section *Saving a retouched photo*.

# Styles (LUTS) - Pro Version

Changing the color of an image can give your photos an original style.

### Apply a LUT style

- 1. On the right-hand panel, click the **Styles (LUTs) tab**.
- 2. Click the triangle icon to expand the category of styles you wish to view, **Vintage** for example.
- 3. Then click the desired style, Vintage 1 in the example below.



Feel free to click I'm feeling lucky to let inPixio surprise you with a random style choice.

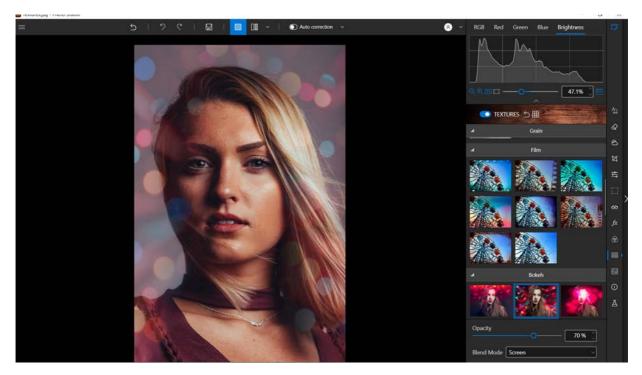
# Import a LUT style

You can supplement the available list and import your own LUT style libraries or download LUT styles that are often available in packs on the Internet.

- 1. Click the **Import** button. The Import a LUT file window appears.
- 2. Use the Explorer window to choose a LUT file (.cube) to import. The LUT file is automatically added to the **User** category.

# **Textures**

- 1. On the right-hand panel, click the **Textures** tab.
- 2. Click the triangle icon to expand the category of textures you wish to view, **Bokeh** for instance.



- 3. Adjust the settings of the chosen texture:
  - Use the **Opacity** slider to adjust the opacity of the applied texture.
  - Select a **Blend Mode** between your photo and the texture from the drop-down menu.
  - Check the Extend to image size box, if necessary.
- 4. To save the applied texture, click the **Save** button. See section *Saving a retouched photo*.

# **Frames**

- 1. On the right-hand panel, click the **Frames** tab.
- 2. Click the triangle icon to expand a category of frames you wish to view, Paint for instance.
- 3. Then click the desired frame and adjust its settings:
  - Move the **Scale** slider to adjust the size of the frame on your photo.
  - Use the **Color** menu to change the color of your chosen frame.



To save the framed photo, click the **Save** button. See section *Saving a retouched photo*.

# **Presets**

### Applying a preset

You can experiment with the different artistic filters available and choose a new look for your photo.

- 1. On the right-hand panel, click the **Presets** tab.
- 2. Click the triangle icon to expand the category of effects you wish to view, **Popular** for instance.
- 3. Then click the desired effect, **Cross Process** in the example below.



4. To save the applied effect, click the **Save** button. See section *Saving a retouched photo*.

If you wish to re-use this effect for your other photos, feel free to create a preset. For more information on presets, see the sections below.

# Creating a new preset - Pro Version

Once you have found the right settings for a photo you can save them for use on other photos.

Photo Studio lets you save your adjustments as a Preset. Once saved, you can apply your preset to new photos with just one click.

- 1. From the Presets tab, click **Create Preset**. The New Preset window is displayed.
- 2. Enter a name for your preset.
- 3. Use the **Selection** menu to choose the settings that you want to save, or check the boxes for settings that you want to apply to your photos.
- 4. Click Create.

# Import a preset - Pro Version

- 1. In the bottom toolbar, click **Import**.
- 2. Select the file of the preset that you want to upload to Photo Studio
- 3. Click Import.

The **User Presets** category appears in the **Presets** tab: your preset is automatically added to this new category.

To apply this preset to another photo:

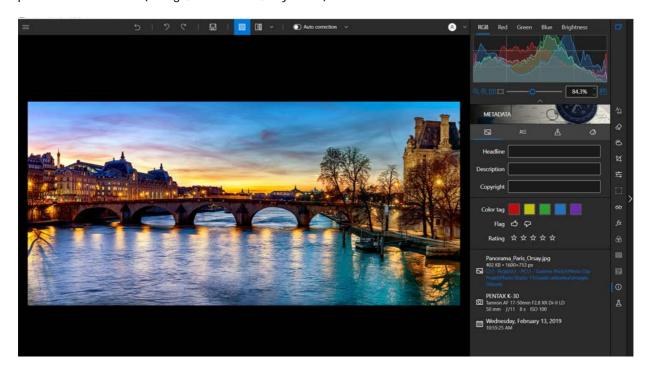
■ Open the photo you want to rework. In the **Presets** tab, expand the **User Presets** category by clicking on the small triangle, then click the preset you want to apply to your new photo.

# Histogram and metadata

The **Histogram** tool and the **Metadata** tab contain information about your photos.

The histogram shows the distribution of colors and the level of exposure in your photo.

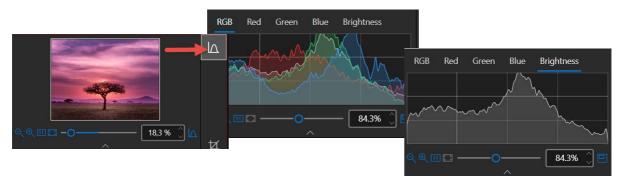
The metadata allow you to store information about a photo: camera brand, date, photographer, location, personal annotations (ratings, color labels, keywords).



# How to read the histogram

You can access the histogram at any time in Photo Studio.

■ Click the icon **Show Histogram** to display the histogram for your photo.



The tabs RGB, Red, Green, Blue show the distribution of colors, and the Brightness tab provides clear indications of any exposure problems in the photo.

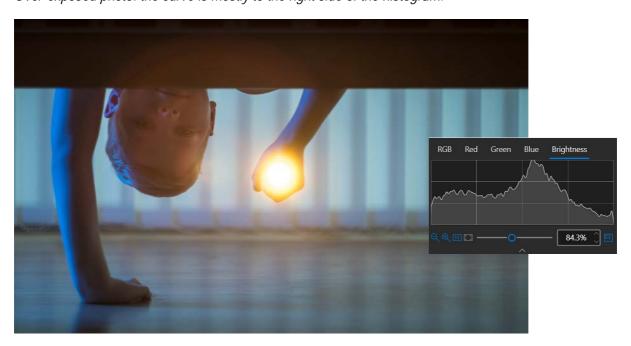
Here is what you need to know in order to understand the histogram and evaluate the exposure of a photo at a glance:

- Dark tones are situated to the left of the histogram
- Light tones are on the right
- Mid tones are at the center

Below are some examples of photos with typical exposure problems.



Over-exposed photo: the curve is mostly to the right side of the histogram.



Under-exposed photo: the curve is mostly towards the left

If a photo is correctly exposed, with no brightness issues, you will see a curve that is more centered in the middle of the histogram.

To correct exposure problems in a photo, you can use the powerful retouching tools in Photo Studio: see sections *Adjustments* and *Auto Correction - Pro Version*.

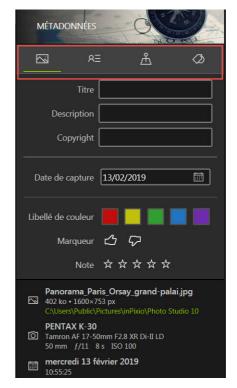
### Organizing your photos

To help organize your photos, you can attach information to them and edit this information. You can also give your photos a rating, use colors to categorize them, or add keywords to help when searching.

■ Click the tabs Image data, Contact, Location then edit the data directly in the fields provided.

Use the **Keyword** tab to add tags to your photo.

The information entered is saved automatically to your photo and the annotations, keywords, color labels etc. are represented by small icons in the filmstrip.



# Saving a retouched photo

By default, the program prompts you to rename your retouched photo as **Photo\_InPixio**.jpg and save it in your PC's **Pictures** folder.

- 1. You can choose a new name and location if you so wish.
- 2. Click **OK** to confirm your choice.
- 3. Adjust the slider in the window that pops up to define the quality of your photo then click **Save**.

# Working with Photo Maximizer - Ultimate only

Photo Maximizer provides a selection of powerful editing tools to easily resize and optimize a photo. This module also lets you crop your photo, if necessary. For more information, see section *Crop*. Why not open a photo and have a go!

### Enlarging a photo

inPixio Photo Studio includes smart technology to optimize the enlargement of any photo.

1. On the right-hand panel, click the **Maximizer** tab to display the corresponding tool.



- 2. Select the resizing method in the drop down menu and set the amount.
  - By default the **Percentage** method is suggested, with this method you can use the slider to set the percentage of enlargement you want.
- 3. Choose the desired resolution for your photo: to avoid quality loss, define resolution at **250 dpi**. Note that the standard professional resolution is 300 dpi.
- 4. For optimum processing when resizing your photos, it is recommended to use the default algorithm: InPixio enlargement.

#### Note:

Use the **Lanzcos** filter to reveal and amplify details on images which have little or no high-contrast areas.

Use the **Bicubic sharper** method to preserve details when shrinking a photo. Use the **Bicubic smoother** method to enlarge a photo and obtain a smoother finish.

The Nearest neighbor algorithm allows you to keep sharp edges.

5. By default, the **Sharpness** slider is set at 100% for optimum sharpness. Depending on the quality of your photo, you can move the slider to the left to reduce sharpness and obtain the result you are looking for.

To instantly view the enlargement, click the icon Switch between before and after views.



#### Retouch a photo

The tools in Photo Maximizer provide various settings for adjusting and retouching your photos.



For more information on the settings of each tab, consult the sections:

Crop

Enlarging a photo

Adjustments

Adjusting a photo's tone scale

Sharpness

Denoise

Film Grain - Pro Version

Presets

# Working with Photo Focus - Ultimate only

Photo Focus helps you to rediscover sharp photos and exploit the creative potential of your photos. 1-Click Assistants were created to improve sharpness and adjust focus. And if you'd like to go even further than that, there are different preset tools available so you can both adjust and customize your presets.

This module also lets you crop your photo, if necessary. For more information, see section *Crop*.

Why not open a photo and have a go!

### Sharpen a photo in 1 click

Photo Studio features smart technology that automatically improves the sharpness of any photo.



■ From the **Presets** tab, click the **Sharpen!** button, The sharpened version is immediately displayed.

The photo is sharper and displayed in a **Before / After** view by default.

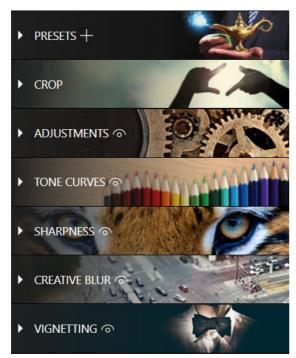
**Note:** If the photo looks the same or if the result is mixed, your photo may lack detail, be underexposed or have been taken with a low-resolution smartphone.

For an optimal result, click the button corresponding to the type of photo you want to sharpen: **Architecture**, **Macro**, **Landscape**, **Portrait**.

You can also adjust the sharpness of your photo manually, see section *Sharpness*.

# Retouch a photo

The tools in Photo Focus provide various settings for adjusting and retouching your photos.



For more information on the settings of each tab, consult the sections:

Sharpen a photo in 1 click

Crop

**Adjustments** 

Adjusting a photo's tone scale

Sharpness

Creative Blur - Pro Version

Vignetting

# For more information...

#### inPixio online

Official inPixio website: <a href="http://www.inpixio.com/">http://www.inpixio.com/</a>

Check our site regularly for information on our new products and available updates.

#### InPixio support

For support with inPixio photo products, please contact the online help community:

https://inpixio.zendesk.com/hc/en-us

### Compatibility

The screenshots in this guide show the application being used in a Windows® 10 environment. Views in a different compatible environment may differ significantly, but the features of the product do not change.

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