



PS events 1.1

User Manual

REV 1.0.2

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ANNEXES

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1 Introduction

1.1 Description

Thank you for purchasing this product.

NOTE: to install the applications, consult the respective annexe of this manual.

The “PS events” software and MITSUBISHI ELECTRIC printers offer a simple, flexible and efficient professional printing solution for the social events business sector.

You can perform all these actions on a pre-defined, automatic basis:

- Import digital photographs into your event from several different sources at once.
- Use Instagram® or Twitter® as potential input sources: you can also print out all the pictures taken by the people attending the event with their cell phones.
- Apply brightness, contrast, saturation and other adjustments, etc.
- Apply black and white or sepia filters.
- Automatically add text and decorations (frames, logos, etc.) to the pictures.
- Repeat each photograph in different sizes in a photographic composition.
- Pre-define the normal print quality and other print-related parameters.
- Print your pictures simultaneously on paper in 2 different sizes (on one or two printers, depending on the sizes), using MITSUBISHI ELECTRIC sublimation printers.
- Upload the pictures of the event to the Internet in a Facebook® album.

“PS events” also offers you a practical system for creating and filing each event, to make it easier to locate them afterwards and print the photographs again.

The flexibility of the solution allows it to easily be adapted to different scenarios and workflows, such as:

- Classic social event photography in which one or several photographers take pictures with their cameras and send them to the publication and printing equipment by wireless transmission.
- Corporate or marketing events in which the people attending can upload their pictures to social media networks for them to print them automatically, adding corporate logos to the print or any other type of graphic element for promotional purposes, etc.
- Small installations in fairgrounds or entertainment halls. Using the hot folder as an image input source, the system can easily be integrated as a printing

component into other specific solutions in these scenarios, for instance chromakey or other types of effects applied to photographs.

1.2 Components

The "PS events" solution has the following basic components:

1. A PC with a Microsoft Windows 7 ® or Microsoft Windows 8 ® operating system. See section entitled "System requirements" for further details.
2. The "PS events" application software and associated licence.
3. After installing the application, a trial period is established. Once that period has expired, no more executions are allowed. To obtain a usage licence, contact your distributor.
4. One or two MITSUBISHI ELECTRIC sublimation printers. See the "PrintModule" Annexe for the list of printers supported.
5. One or several picture input sources. These may be of any type, provided it is possible to automatically save the photographs in the hot folders configured in the application software. In the event of having to download photographs stored in social media network repositories in the Internet, the application included in the "Social Media Downloader" package can be downloaded.
6. Internet access: only necessary for activating the licence or permanently in the case of applications in which access to social media networks is a basic requirement.
7. In the second case, it is important to ensure a stable connection, with a bandwidth that is sufficient to process image files rapidly, in order to ensure the production process is not affected. In that case, it will also be necessary to have an account in the social media networks that are used.

1.3 Software modules

The solution is basically comprised of the following software applications:



- "PS events". The main application for creating, executing and managing events.



- "PrintModule". The application entrusted with sending and managing the printing jobs.



- "Social Media Downloader". The application that downloads the photographs from the social media networks Instagram® or Twitter®.



- "Social Media Uploader". The application that uploads the photographs of the event to a Facebook ® album.

NOTE: the PS events users or administrators should have their own user accounts in the above-mentioned social media network platforms.

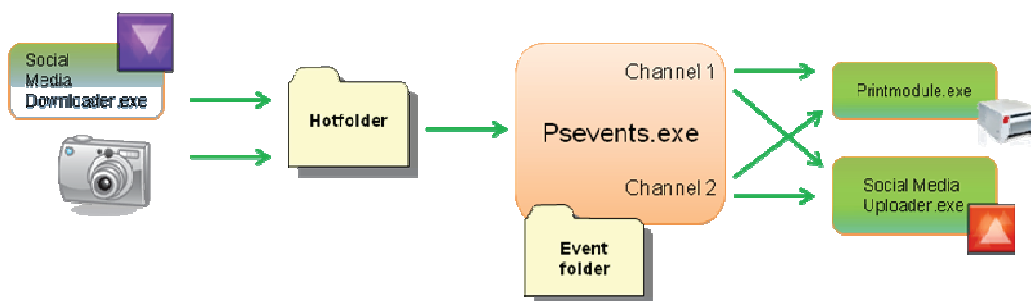
1.4 Workflow

The digital pictures are entered in the system by copying the image files into the hot folders created for that purpose. Up to five hot folders can be created.

The source of the pictures is not important, all that matters is that they are correctly copied into the folder.

NOTE: the following types of image are supported by "PS events": .BMP, .JPG, .JPEG, .PNG, .TIF, .TIFF. They are all 24-bit.

Once the pictures in the hot folder have been detected by the PSevents.exe application, it moves them to the folder created automatically for the event ("Event folder").



From then on, the photos are send manually ("manual" working mode) or automatically ("automatic" working mode) to one or two possible output channels which will individually and automatically apply all the actions programmed beforehand: make adjustments to image, filters, texts, decorations, compositions, print and upload to a Facebook® album.

In the manual working mode, the pictures can be adjusted to the print area before being sent to the desired channel.

2 “PS events” application

2.1 Software initiation

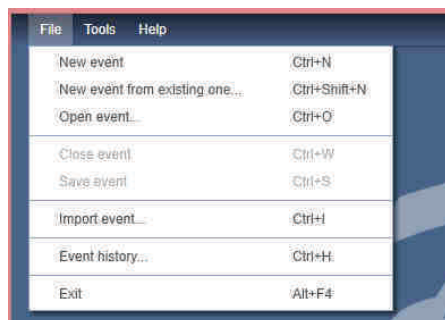
To initiate the application, double-click on the “PS events” icon which will be available on the desktop and also in the “PS solutions” group, along with other applications installed in the operating system.

On initiating the PS events application, a minimised form of the “PrintModule” and “Social Media Uploader” applications will also be automatically initiated.

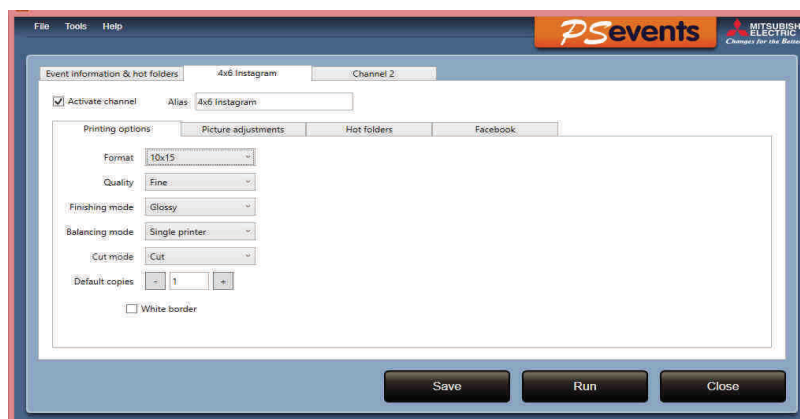
2.2 Home screen elements

The “PS events” application home screen has 2 areas with different functions:

- Menus area: this is used to access the different application menus to allow the user to create and manage events, access the application general options screen, change the application language and execute different applications.



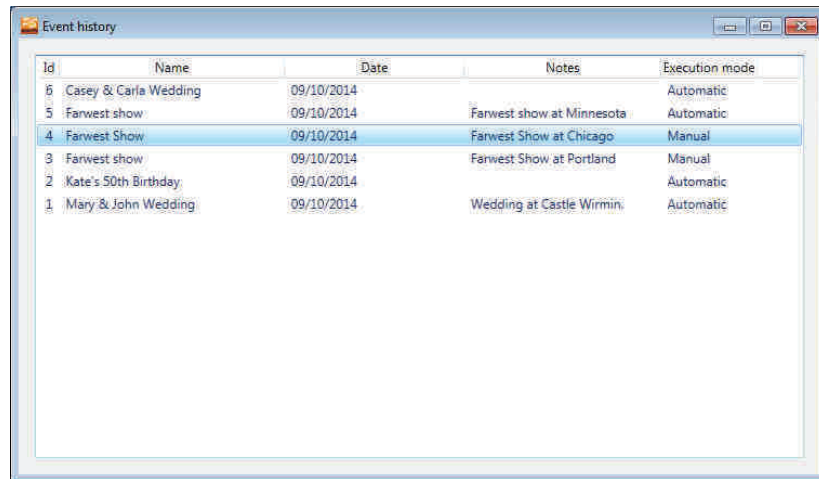
- Central area: when an event is opened, several panels will be displayed here to allow the configuring of the events to be controlled and initiate their execution.



2.3 Application home menu

"File" menu options:

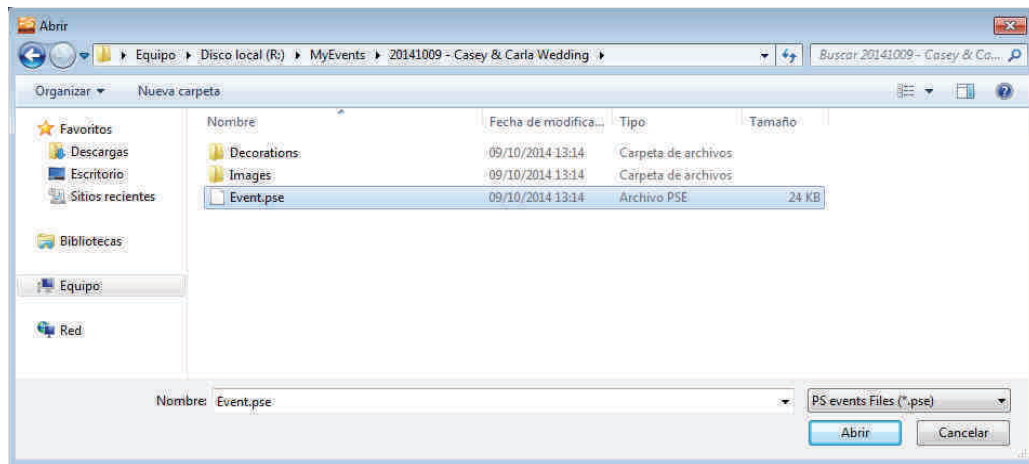
- New event ("Ctrl+N"): Creates a new event.
- New event based on one that already exists ("Ctrl+Block capitals+N"): this allows you to create a new event, using the configuration of an already-existing event in the event history.



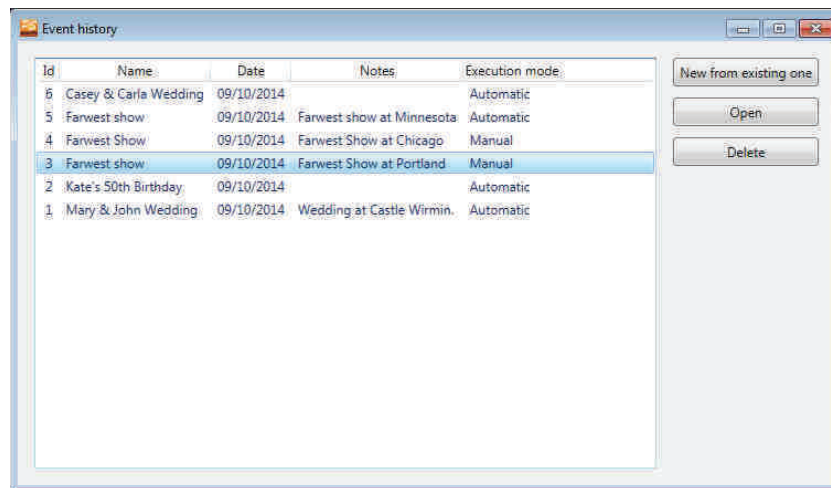
The screenshot shows a window titled "Event history" with a table containing the following data:

Id	Name	Date	Notes	Execution mode
6	Casey & Carla Wedding	09/10/2014		Automatic
5	Farwest show	09/10/2014	Farwest show at Minnesota	Automatic
4	Farwest Show	09/10/2014	Farwest Show at Chicago	Manual
3	Farwest show	09/10/2014	Farwest Show at Portland	Manual
2	Kate's 50th Birthday	09/10/2014		Automatic
1	Mary & John Wedding	09/10/2014	Wedding at Castle Wirmin	Automatic

- Open event ("Ctrl+O"): this allows you to open an event in the event history.
- Close event ("Ctrl+W"): closes the current event. If there are changes that have not been saved, they will be lost.
- Save event ("Ctrl+S"): saves the changes made to the current event.
- Import event ("Ctrl+I"): this allows you to open an event in the equipment by selecting a file and, if it does not exist, adding it to the event history.



- Event history ("Ctrl+H"): this shows you the log of events in which you can open or delete any event, or create a new event using an already-existing one.
- Exit ("Alt + F4"): exit the application.



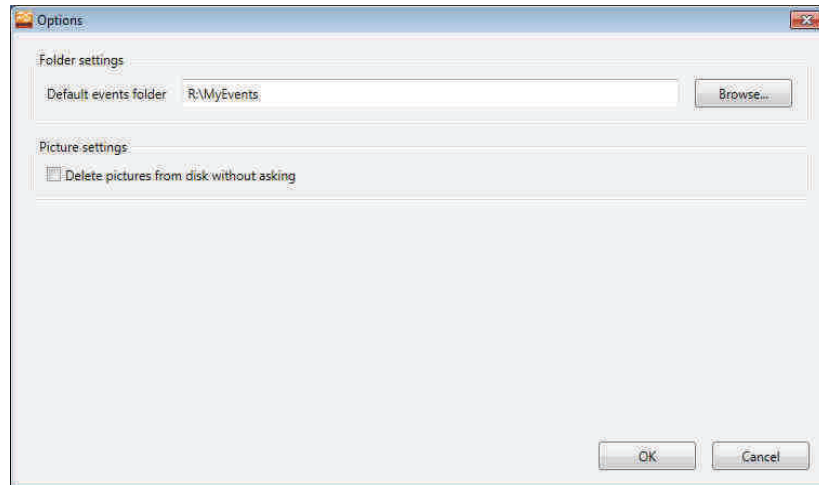
"Tools" menu options:

- Social Media Downloader: launches the "Social Media Downloader" application.
- Social Media Uploader: launches the "Social Media Uploader" application.
- PrintModule: launches the "PrintModule" application.
- Language: allows you to change the language of the "PS events" applications, including the "Social Media Downloader", the "Social Media Uploader" and the "PrintModule".

The "Social Media Downloader", "Social Media Uploader" and "PrintModule" applications should be reinitiated for the new language selected to be applied.

In PS events, it is probable that the new language will not be applied in full in certain controls of the application unless it is reinitiated.

- Options: displays the "PS events" general settings screen.



The following options can be programmed in this screen:

- Default events folder: This allows you to define the folder in which you want to save new events. This folder is pre-selected in programming the new events, and it can always be changed before saving the event for the first time.
- Delete pictures from disk without asking: If you check this option, the images you have discarded in executing an event manually will be automatically deleted from the disk, without the application asking.

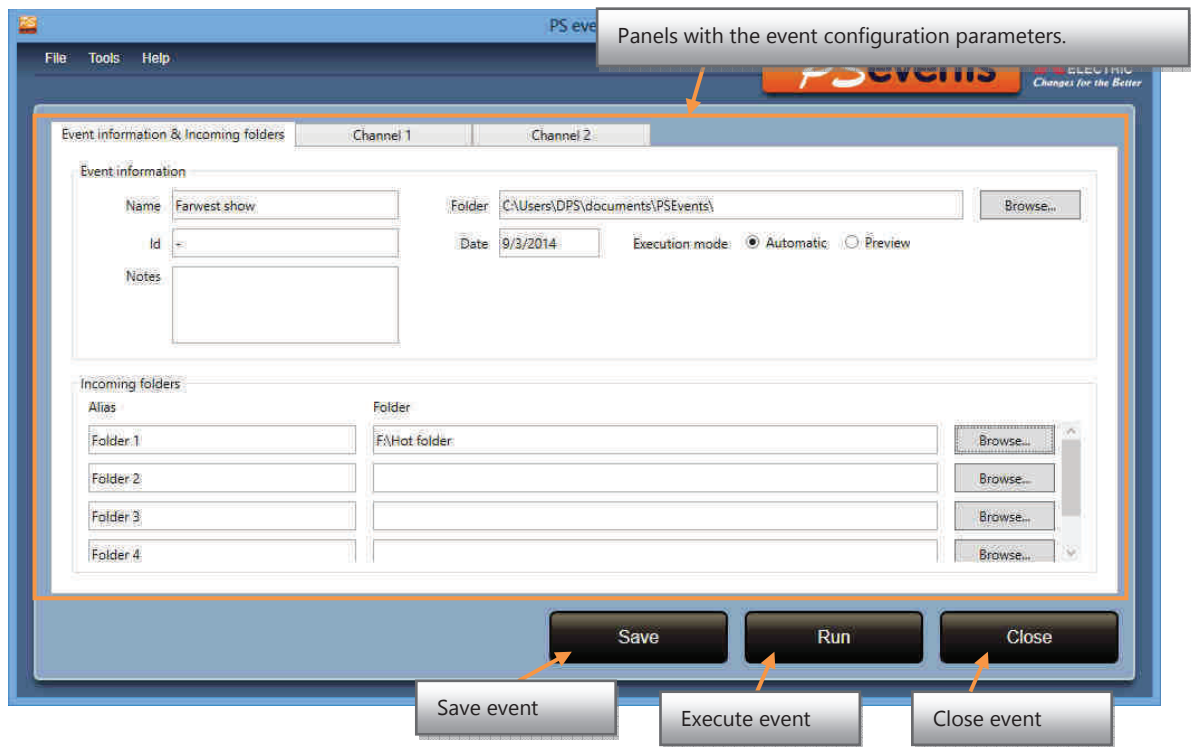
If you uncheck this option, when you discard an image, the application will always ask you whether you want to remove it from the disk too.

"Help" menu options:

- About: Displays information about the "PS events" version.

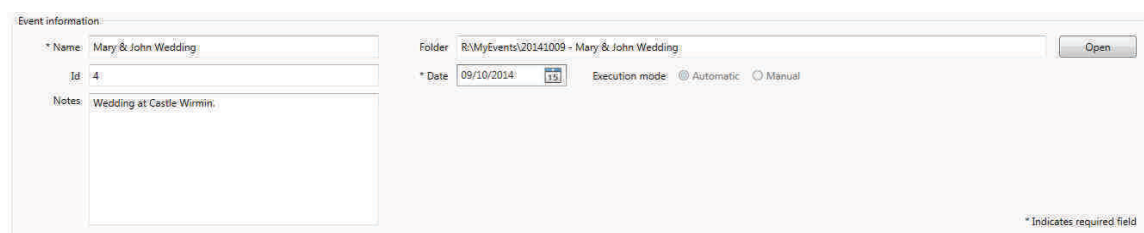
2.4 Configuring an event

When an event is created or opened, several panels appear in the central part of the window, where you can establish the parameters for configuring the event and initiate its execution.



“Event and hot folders information” tab

You should enter general information about the event in the “Event and hot folders information” tab: name, date and notes.



Also select the disk folder where the settings and all the images of the event will be stored.

The pre-selected folder where new events are stored can be defined in the PS events general settings screen.

It is advisable to select a folder in a local disk. If you select a web folder, errors could occur in configuring or executing the event.

In this panel, select the event execution mode:

- Automatic mode: the images in the hot folders are sent directly to the output channels through the link between the hot folders and the output channels defined by you in the event settings, without the need for you to intervene in executing the event.
- Manual mode: while the event is being executed, you can manually and individually select the output channels to which you want to send each image.

The execution mode cannot be changed after the event has been saved or executed for the first time.

In the bottom part of the panel, select the hot folders from which the application will collect the event images during its execution.

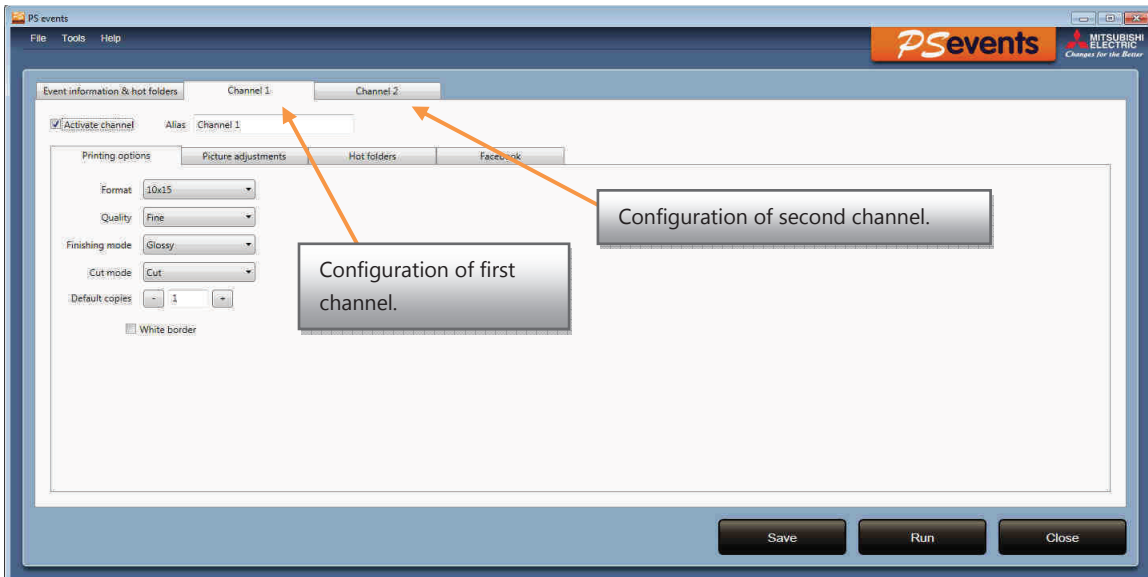
Alias	Folder	
Mike's camera	C:\tmp\Mike	Browse...
Downloader	R:\Instagram pictures	Browse...
Folder 3		Browse...
Folder 4		Browse...
Folder 5		Browse...

A single alias should be assigned to each folder selected. The folders already have a predetermined alias assigned to them.

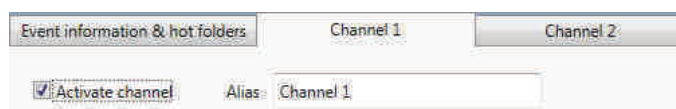
The hot folders selected should allow the deletion of elements by the PS events application. Otherwise the application will not function correctly.

Channel configuration tabs

The operating parameters of the two available channels should be established in the output channel configuration tabs.



The selected channel can be enabled or disabled at top of each panel. You can also enter an alias, to help you identify the channel in the execution screen.



When a new event is created, only the first channel is enabled, by default.

The aliases of the two channels are normally "Channel 1" and "Channel 2" respectively.

"Printing options" tab

The printing options must be configured for each output channel.

The "PrintModule" application is responsible for printing out the processed images that are sent through the output channels.

Before starting to execute an event, make sure that the "PrintModule" application has been initiated.

The printing parameters available are included in the "Printing options" tab:

The screenshot shows a software window with four tabs: 'Printing options', 'Picture adjustments', 'Hot folders', and 'Facebook'. The 'Printing options' tab is active. It contains the following settings:

- Format:** A dropdown menu set to '10x15'.
- Quality:** A dropdown menu set to 'Fine'.
- Finishing mode:** A dropdown menu set to 'Glossy'.
- Cut mode:** A dropdown menu set to 'Cut'.
- Default copies:** A numeric input field with '1' and minus/plus buttons.
- White border:** An unchecked checkbox.

- Format: select the format for printing the photos sent to the output channel.

When selecting a print format, make sure that the printers connected are compatible with the selected format and that the current consumable is the correct one.

- Quality: select the desired print quality.
- Finishing mode: select the desired print finish: glossy or matt.
- Cut mode: select whether you want to "Cut" or "Adjust" the images to the print format, if the format aspect ratio is different from that of the image to be printed.

When configuring decorations in the channel section "Picture adjustments", always apply the "cut" cutting mode, regardless of the value selected in the "Printing options" tab.

- Default copies: indicate the number of copies you want to print for each image sent to the output channel.

In the "Manual" execution mode you can change the number of copies defined in this tab while executing the event, before sending an image to the output channel.

- White edge: select whether you want to add a white edge to the printed images through this output channel.

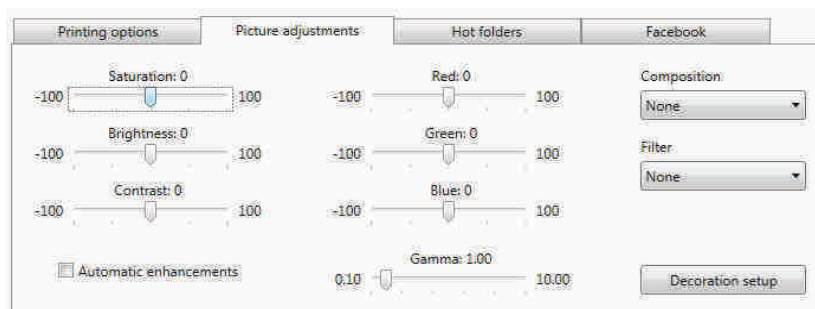
The white edge will not be added if you select a composition in the "Picture adjustments" section.

The white edge will not be added either in the images uploaded to the social media networks.

"Picture adjustments" tab

For each output channel, you can define whether you want to apply adjustments to the images processed by the channel, or whether you want to use decorations or compositions.

The available options are included in the "Picture adjustments" tab:



- Saturation: saturation level you want to apply to the images.
- Brightness: shine level you want to apply to the images.
- Contrast: contrast level you want to apply to the images.
- Automatic enhancements: say whether you want to apply the automatic enhancements algorithm to the images.
- Red: red adjustment level you want to apply to the images.
- Green: green adjustment level you want to apply to the images.
- Blue: blue adjustment level you want to apply to the images.
- Gamma: gamma correction you want to apply to the images.

The adjustments are applied to the images in the following order:

1. Automatic enhancements.
2. Saturation adjustment.
3. Gamma correction.
4. Contrast adjustment.
5. Brightness adjustment.
6. Colour adjustment: red, green and blue.

If configuring decorations, the adjustments can only be applied to the event images and not to the decoration elements.

- Composition: allows you to choose a composition. If selecting any of the ones available, the channel will print out a composition in which the image will be repeated "n" times, as indicated in the description of each composition.

The following tables show the image sizes included in each composition.

In centimetres:

Name	Print formats	Image sizes included
DOUBLE SELFIE@10x15cm	10x15 cm	6.4x6.4 cm (x2)
DOUBLE WALLET@10x15cm	10x15 cm	10.4x7.7 cm (x2)
TRIPLE@10x15cm	10x15 cm	10.4x7.7 cm + 7.7x5.2 cm (x2)
DOUBLE@15X20cm	15x20 cm	15.6x10.3 cm + 15.6x10.3 cm
TRIPLE@15X20cm	15x20 cm	15.8x10.3 cm + 10.3x7.8 cm (x2)
MULTIPLE@15X20cm	15x20 cm	10x10 (x2) cm + 5x5 cm (x4)
DOUBLE@20X25cm	20x25 cm	20.7x12.8 cm (x2)
TRIPLE@20X25cm	20x25 cm	20.7x12.8 cm + 12.8x8 cm (x2)
DOUBLE@20X30cm	20x30 cm	20.7x15.4 cm (x2)

TRIPLE@20X30cm	20x30 cm	20.7x15.4 cm + 14x10.4 cm (x2)
MULTIPLE@20X30	20x30 cm	15x15 cm + 10x10 cm (x2) + 5x5 cm (x3)

In inches:

Name	Print formats	Image sizes included
DOUBLE SELFIE@4x6in	6x4 in	2.5x2.5 in (x2)
DOUBLE WALLET@4x6in	4x6 in	4.1x3 in (x2)
TRIPLE@4x6in	4x6 in	4.1x3 in + 3x2 in (x2)
DOUBLE@6x8in	6x8 in	6.1x4 in + 6.1x4 in
TRIPLE@6x8in	6x8 in	6.2x4 in + 4x3.1 in (x2)
MULTIPLE@6x8in	6x8 in	3.9x3.9 (x2) in + 2x2 in (x4)
DOUBLE@8x10in	8x10 in	8.1x5 in (x2)
TRIPLE@8x10in	8x10 in	8.1x5 in + 5x3.1 in (x2)
DOUBLE@8x12in	8x12 in	8.1x6.1 in (x2)
TRIPLE@8x12in	8x12 in	8.1x6.1 in + 5.5x4.1 in (x2)
MULTIPLE@8x12in	8x12 in	5.9x5.9 in + 3.9x3.9 in (x2) + 2x2 in (x3)

When selecting a composition, make sure you have selected the correct print format in the "Printing options" tab.

The correct print format is described in the composition name, after the character "@".

For instance, the name of the "TRIPLE@15x20" composition name tells us that the composition will include the image three times and that it has been designed to be printed using the "15x20" format.

If a print is made using a smaller format, the composition printed will be cropped.

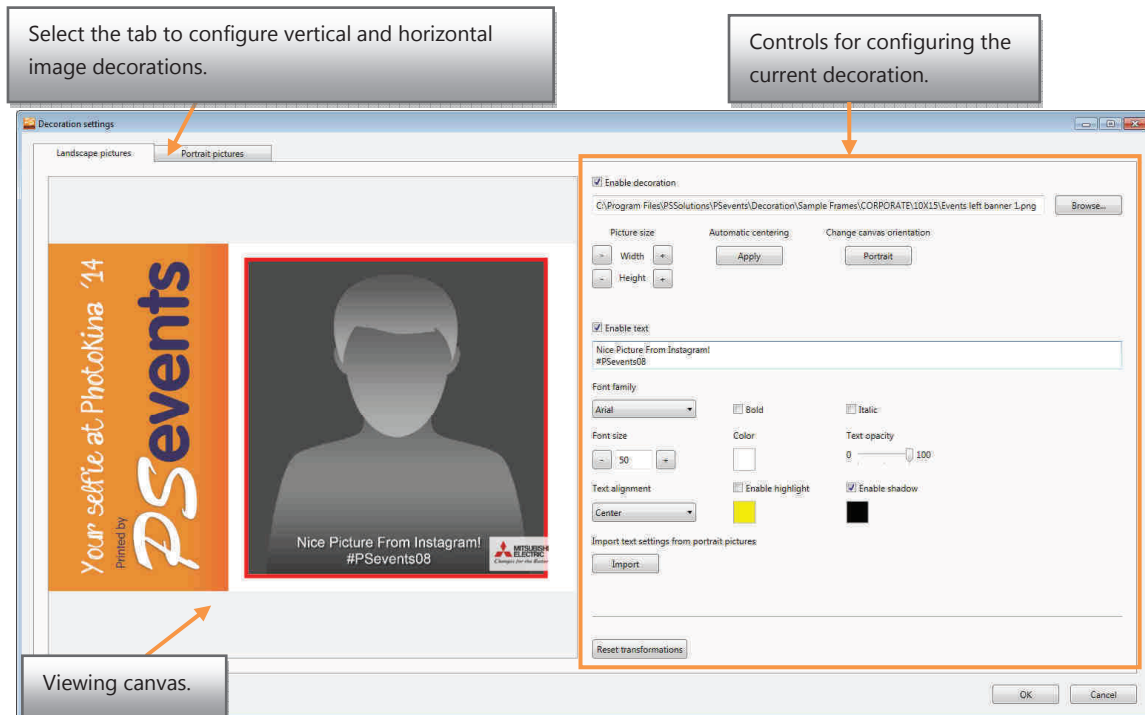
If printing in a larger format, the composition will be printed correctly but with excess unused paper.

Do not upload the compositions to the social media networks; always upload the image individually.

- Filter: select the colour filter to be applied to the images: "None", "Black and White" or "Sepia".
- Decoration setup: displays the screen "Decoration settings", where you can configure the decoration elements you want to add to the images processed by the channel.

“Decoration settings” screen

If you press “Decoration setup” in the “Picture adjustments” tab in an event configuration screen, you will access the “Decoration settings” screen. In this screen, you can configure the decoration elements you want to add to the images processed by the channel that is currently being configured.



The “Decoration settings” screen is divided into two tabs:

- Landscape pictures: the decoration elements to be added to horizontal images must be configured in this tab.
- Portrait pictures: the decoration elements to be added to vertical images must be configured in this tab.

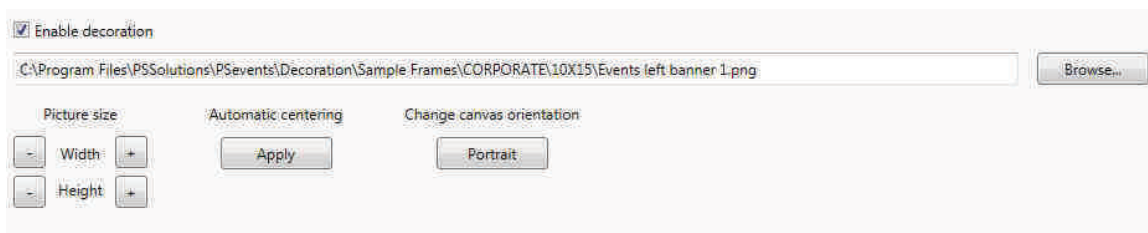
Square images are regarded as landscape pictures.

In the left central part of the screen is a canvas for viewing the decoration elements configured.

The aspect ratio of the canvas will be determined based on the configuration parameters of the "Printing options" and "Picture adjustments" tabs:

- If you have selected a composition in the "Picture adjustments" tab, the aspect ratio of the canvas will be equivalent to the largest space in the composition.
- On the contrary, if you have not selected a composition in the "Picture adjustments" tab, the aspect ratio of the canvas will be equivalent to the print format selected in the "Printing options" tab.

The procedure for adding a decoration is explained below:



1. Check the "Enable decoration" box and select the decoration to be added.



The decoration to be added must be a transparent PNG file.

In the "\PSevents\Decoration\Sample Frames" folder located in the PS events installation directory you will find a group of decorations that serve as examples.

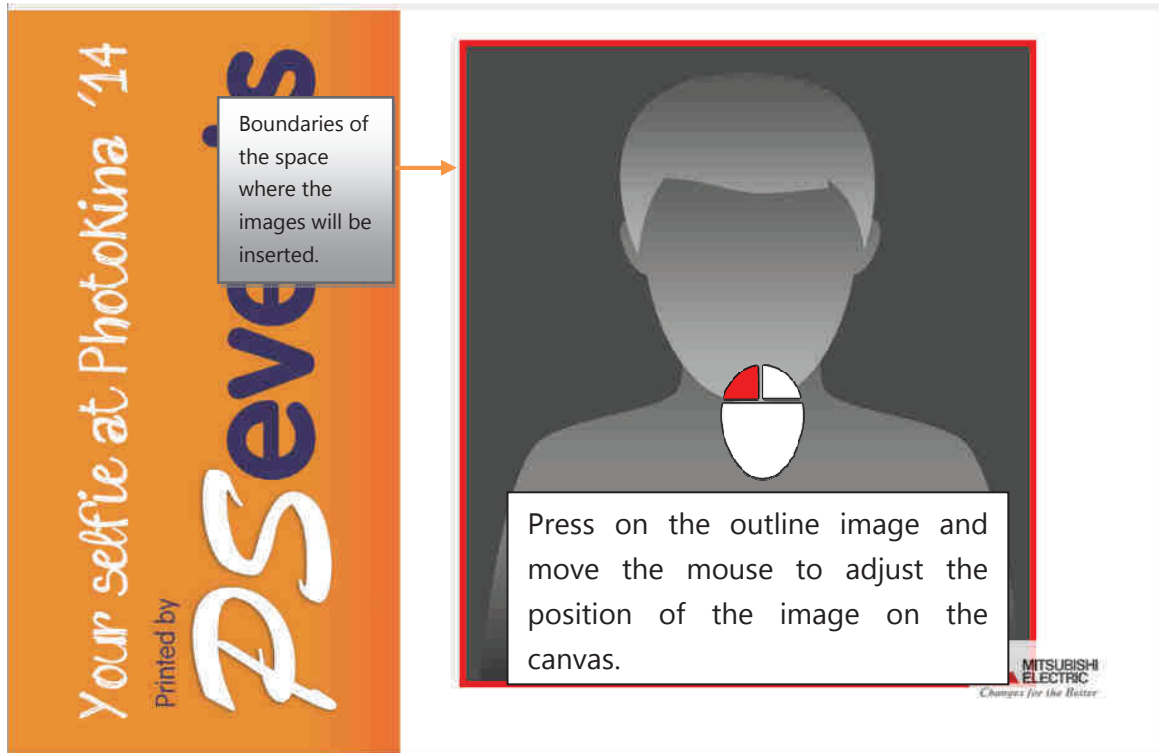
If selecting a decoration stored in an external drive, do not remove the drive until the event has been saved.

2. Use the "Picture size" controls to adjust the size of the space where the images will be incrustated

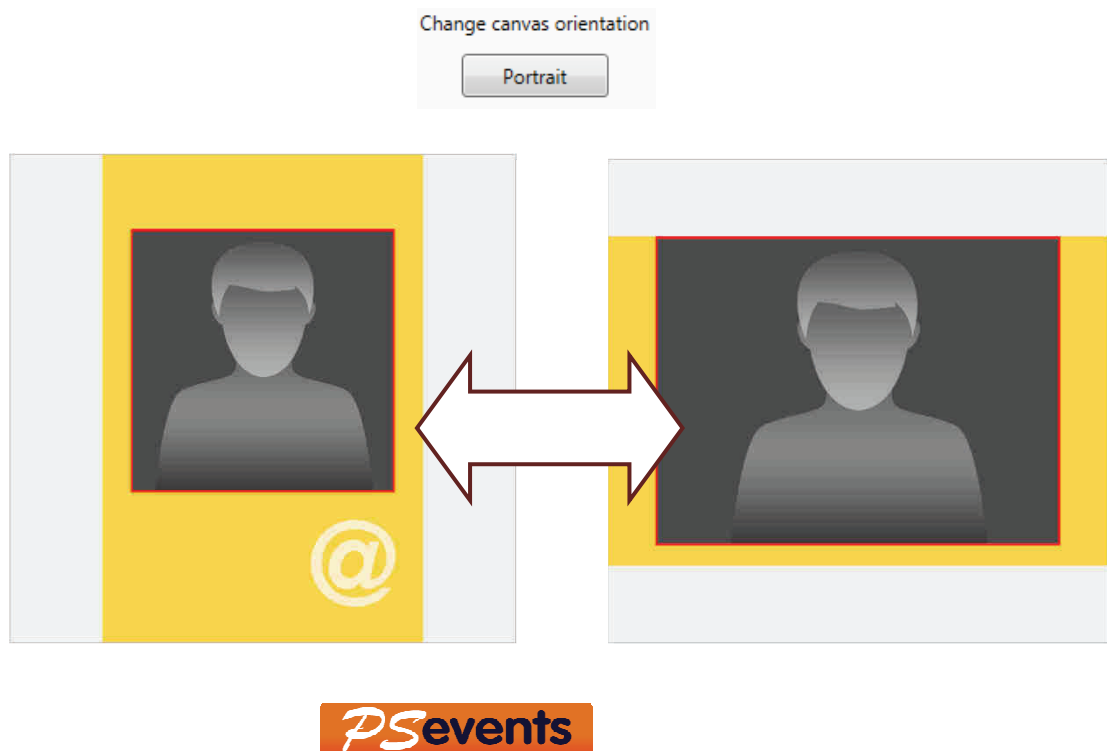


Bear in mind the aspect ratio of the space, as the images will be inserted in the "Cut" mode.

3. Using the mouse, adjust the position of the image space on the canvas.



4. Use the "Change canvas orientation" control to change the orientation of the canvas.



This functionality allows you to configure vertical decorations for horizontal images and vice versa.

The canvas orientation in the "Landscape pictures" tab is normally horizontal and the canvas orientation in the "Portrait pictures" is normally vertical.

5. Lastly, the "Automatic centring" control automatically centres the image on the canvas, considering its current boundaries.

Automatic centering

Apply

The procedure for adding a text is explained below:

1. Check the "Enable text" box and enter the text to be added.

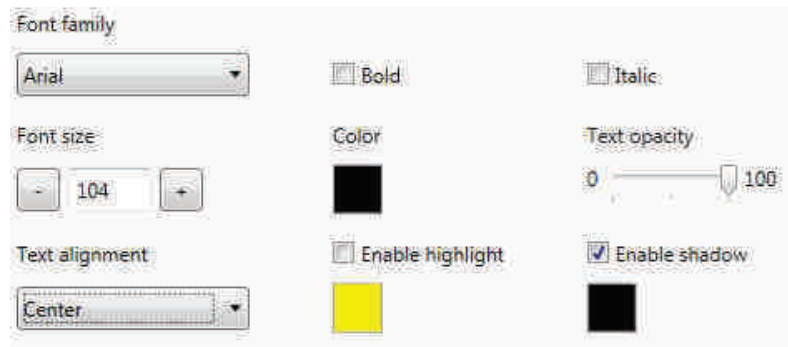
☒ Enable text

Nice picture from Instagram!
#PSevents8

You can use any of the following labels to show the dynamic text related to the information of the processed photo:

Label	Description
{NAME}	To indicate the name of the photo.
{S_DATE}	To indicate the date when the photo was taken.
{S_TIME}	To indicate the time when the photo was taken.
{P_DATE}	To show the print date.
{P_TIME}	To show the print time.
{INDEX}	To show the photo number.

2. Configure the characteristics and style of the text.



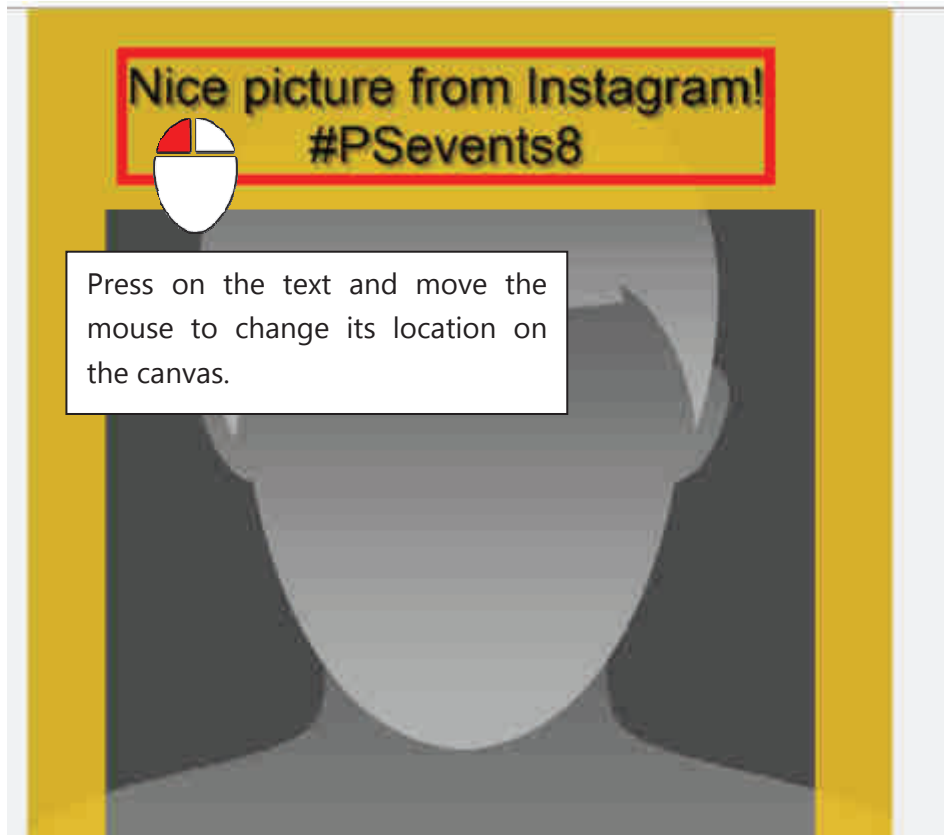
The selected text alignment is important if the text added contains dynamic text labels.

The length of the final text usually varies if the label name is replaced with the final text.

In this case, the selected text alignment will determine the anchoring of the text:

- Left: the text location is anchored on the left and expands to the right.
- Centre: the text location is anchored in the centre and expands uniformly towards both the right and left.
- Right: the text location is anchored on the right and expands to the left.

3. Adjusting the text location on the canvas with the mouse.



6. Lastly, the "Import" control allows you to import the text and the text characteristics configured to the other tab.

Import text settings from portrait pictures

Import

If you are in the "Landscape pictures" tab, on pressing the control you can copy the text added along with its characteristics and style defined in the "Portrait images" tab.

On the contrary, if you are in the "Portrait pictures" tab, the values entered in the "Landscape pictures" tab will be copied.

Use the "Reset transformations" control at the bottom of the decoration control panels to restore and centre the positions of the decoration and text in the current tab.

Reset transformations

Press "OK" to save the changes made and exit the window. Use "Cancel" to ignore the changes made.

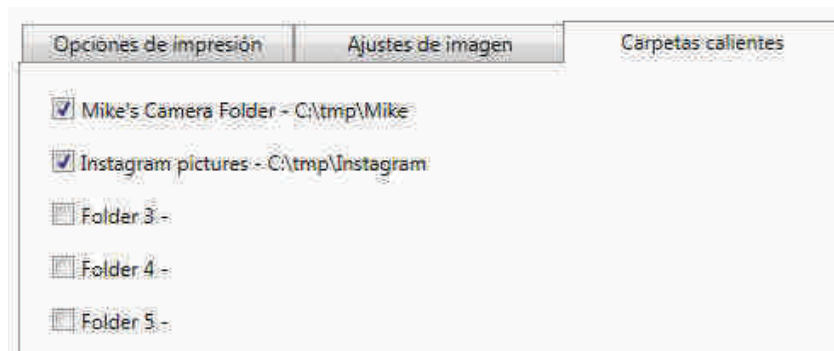
OK

Cancel

After configuring the decoration elements, when changing the print format in the "Printing options" tab or selecting a composition in the "Picture adjustments" tab, enter the "Decoration settings" screen to readjust the decoration elements.

"Hot folders" tab

The "Hot folders" tab in the output channels will only be enabled if the "Automatic" execution mode has been selected in the "Event and hot folders information" tab.



In this tab, the hot folders configured in the "Event and hot folders information" tab must be associated with the output channel that is currently being configured.

All the images in the hot folders selected will be processed by the output channel.

"Facebook" tab

In the "Facebook" tab, you can enable the posting of the images processed by the channel in a Facebook® account.

The “Social Media Uploader” application publishes the images processed by the channels in Facebook.

Before starting to execute an event, make sure that this application has been initiated and that it is properly configured.

An explanation of how to configure the uploading of images from a channel to Facebook® is given below:

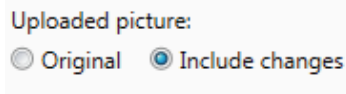
1. Check the “Enable upload” box.

☒ Enable upload

2. Enter the name of the album where the pictures are to be published. You can also include a description of the album and the description will be added to the published photos.

- The Facebook® account where the photos will be posted must be configured in the "Social Media Uploader" application adjustments.
- The privacy and size of the posted images must also be configured in the "Social Media Uploader" application adjustments.
- If the album name is not given, the images will be uploaded to the "default" album.
- If the name of the indicated album already exists in the Facebook® account:
 - o The images processed by the channel will be added to the existing album.
 - o The current description of the album will not be edited, even if indicated.

3. Indicate whether you want to upload the original photo or the printed one ("Include changes" option).

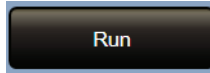


When selecting the "Include changes" option:

- The image posted will include the adjustments and decoration elements configured in the "Picture adjustments" tab.
- Even though you have selected a composition in the "Picture adjustments" tab, the image will always be uploaded to Facebook® individually.
- If you have selected the "Cut" cutting mode in the "Printing options" tab, in the event that the aspect ratio of the image is different from that of the selected print format in the automatic execution mode, or if you define a cropping area in the manual execution mode, the image posted will be cropped to coincide with the printed image.

2.5 Running an event

In the event configuration screen, press "Run" to start executing it.

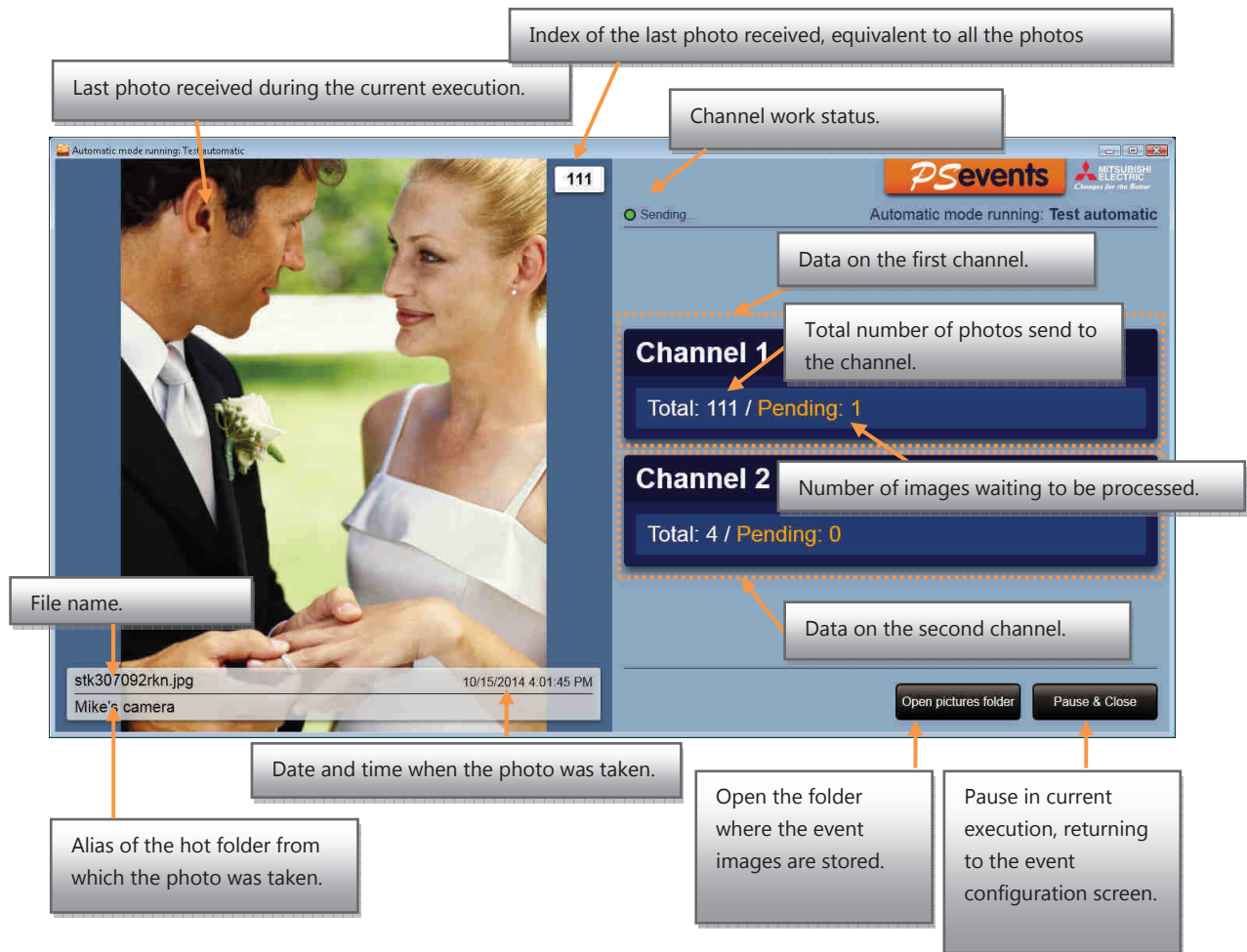


Before starting to run an event, check that the disk where the event images will be saved has sufficient space. Otherwise the application might not function properly.

2.5.1 Running an event in the automatic mode

In the automatic running mode, the images in the hot folders are automatically processed by the channels based on the parameters defined in the event configuration.

Running screen



Automatic running

A description is given below of how the application functions during the automatic running of an event:

1. While the application is in the running screen, it will supervise the hot folders configured in the "Event and hot folders information" tab.
2. The application will move the images copied into the hot folders to the folder where the event images are stored, also configured in the "Event information" section.

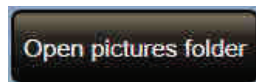
3. Every time a new image is moved, the application will determine which channels must process the image, depending on the folders selected in the "Hot folders" tab and the channels that are enabled.

If, on receiving an image, no enabled channel has selected the folder from where it was taken, the received image will not be processed by any channel.

In the event of an error occurring in processing an image, that image will be copied to the "Error" folder, which is in the folder where the event images are copied.

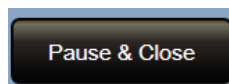
Show event image folder

Press "Open pictures folder" to access the folder where the event images are stored with Windows explorer.



Pause the execution of the event

Press "Pause & close" to pause or stop the execution of the event and return to the event configuration screen.

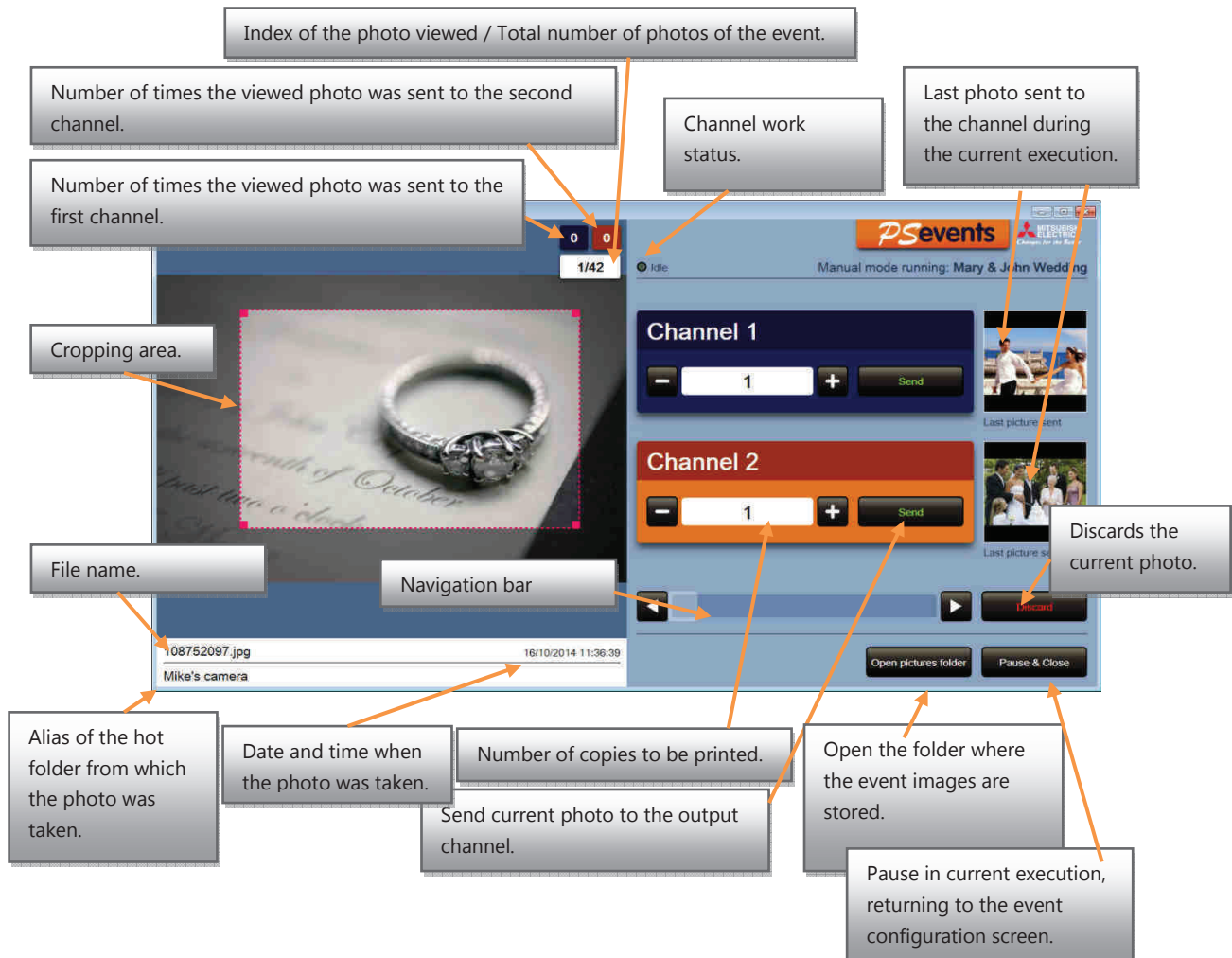


You can also use the "Esc" or "Alt+F4" keys to perform the same pause and close action.

2.5.2 Running an event in the manual mode

In the manual running mode, you decide which channel you want to send each event image to, photo by photo.

Running screen



To facilitate the execution, the manual mode running screen has the following hotkeys:

Hotkeys	Description of the action
"←" and "→"	Browses through the event images.
"↑" and "↓"	Changes the selected channel.
"+" and "-"	Changes the number of copies to be printed in the selected channel.
"Intro"	Sends the photo to the selected channel.

"Supr"	Discards the current photo.
"Ctrl" + "↑", "↓", "←" or "→"	Moves the cropping area.
"Ctrl" + "+" or "-"	Changes the cropping area size.
"Esc" or "Alt+F4"	Pauses the event: closes the window and returns to the event configuration screen.

Receiving the images

The way in which images are received during running in manual mode is described below:

1. While the application is in the running screen, it will supervise the hot folders configured in the "Event and hot folders information" tab and wait for new images.
2. Every time the application receives an image in any folder, it will move it to the folder where all the event images are stored.
3. The event image counter shown on the screen will be updated as new images are received. The navigation bar will also be updated.
4. With the help of the navigation bar or the "←" and "→" keys, you can browse through the event images.

Send image to an output channel

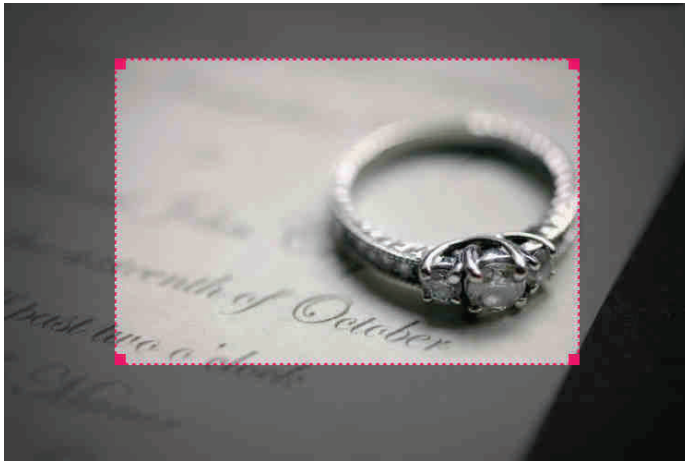
The procedure for sending an image to an output channel is described below. The images are always sent individually to the selected channel.

1. With the help of the navigation bar, move towards the photo you want to send.
2. Once you have viewed the image you want to print, select the channel to which the image must be sent.

The selected channel is highlighted in orange. Press with the mouse or use the "↑" and "↓" keys to select the desired channel.



3. If the selected cropping mode for the channel in the "Printing options" tab is "Cut", a cropping area will be shown in the panel where the image is viewed where you can narrow down the area of the photo you want to print or include in decoration (if configured).



The cropping area will not be shown if the cropping mode selected for the channel is "Adjust".

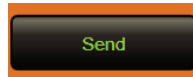
The aspect ratio of the cropping area will be determined based on the configuration parameters of the "Printing options" and "Picture adjustments" tabs:

- If you have configured decoration elements in the "Picture adjustments" tab, the aspect ratio of the cropping area will be equivalent to the space defined for the image in the tab associated with the viewed image orientation.
- If you have not configured decorations, but have selected a composition in the "Picture adjustments" tab, the aspect ratio of the cropping area will be equivalent to the largest space in the composition.
- On the contrary, if you have not selected a composition or any decoration in the "Picture adjustments" tab, the aspect ratio of the cropping area will be equivalent to the print format selected in the "Printing options" tab.

4. Then select the number of copies in the selected channel.

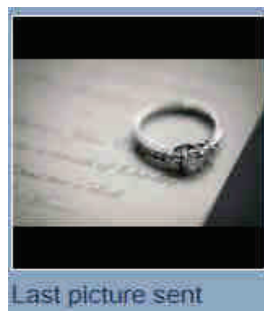


5. Lastly, press "Send" in the selected channel for the image to be processed by the output channel.



You can also send the photo to the selected channel using the "Enter" key.

6. After sending it, the channel will display a miniature of the image you have just sent.

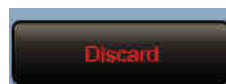


Each channel displays a miniature with the latest image sent. These miniatures disappear when you return to the event configuration screen.

Discarding an image

The procedure for discarding an image and deleting it from the event images list is described below.

1. With the help of the navigation bar, move towards the photo you want to discard.
2. When you are viewing the image you want to discard, press the discard option.



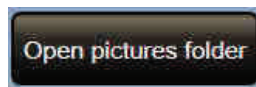
3. The application will always ask for confirmation before deleting the image completely.

4. After confirming the image to be discarded, the application will ask you whether you want to eliminate the file related to the image from the disk.

To eliminate images from the disk without the application asking you, activate "Delete pictures from disk without asking" in the "PS events" general options.

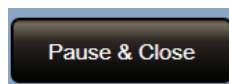
Show event image folder

Press "Open pictures folder" to access the folder where the event images are stored with Windows explorer.



Pause the execution of the event

Press "Pause & close" to pause or stop the execution of the event and return to the event configuration screen.



You can also use the "Esc" or "Alt+F4" keys to perform the same pause and close action.

3 Social Media Downloader Application

3.1 Introduction

This application is designed for events in which photos taken by people attending the event with their own smartphones are to be printed manually or automatically through any of the outputs channels and the photos are then uploaded to the social media networks established for the event (Twitter or Instagram).

A hashtag should be established and posted for the event, and so:

- The people attending must include it in their comments about the photo before uploading it.
- The "Social Media Downloader" will search in all the social media network accounts for any photo with comments that contain that hashtag.

Before initiating the application:

- Check that the time and time zone of the equipment are correctly set.
- If the Internet access is made through a proxy, make sure the proxy parameters are configured in the Internet Explorer properties.

IMPORTANT:

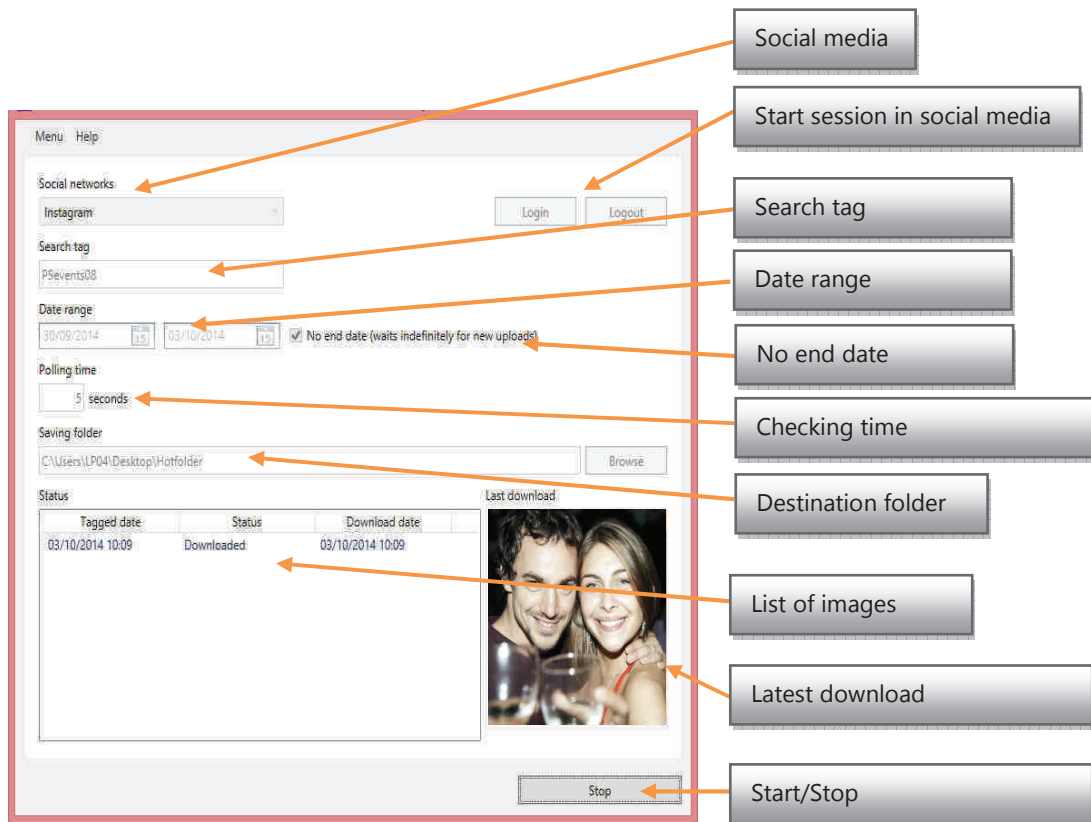
The accounts of the people attending who want to take part in sending and printing the photos must not be in the "private" mode.

3.2 Home screen elements

The application has one screen from which the downloading process is configured and initiated.

2 options are shown at the top:

- Menu. This allows the application to be closed.
- Help. This allows you to see detailed information about the application.



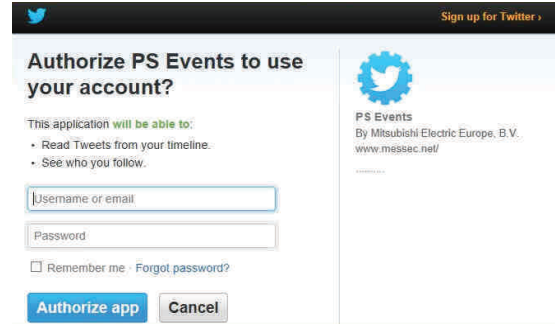
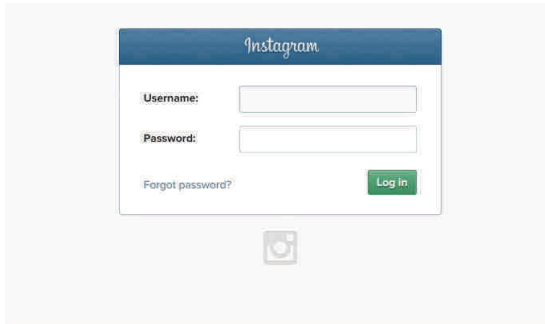
3.3 Starting the session in the social media network

Before starting to download the images, you should start the session as a registered user in any of the available social media networks.

In doing this, you are simply registering your account to use this application, based on the requirements of the respective social media network. You do not need the credentials of the accounts of the people attending the event because the "Social Media Downloader" traces all the accounts in the social media network, searching for photos linked to the event hashtag.

The social media networks currently available are Instagram® and Twitter®.

To do this, select a social media network and press "Connect". A text box will appear where you must enter your data.



You only need to enter your data once. Press "Disconnect" if you want to end the session or start the session with a different user name.

3.4 Configuring a downloading session

Establish the downloading session parameters after starting the session in the social media network:

- **Search tag:** all the images tagged with this text will be downloaded. For instance, if you enter the word "hello", all the images with the "#hello" tag in their description or in any of their comments will be downloaded.

Always make sure the tag is original and that there are no photos in the Internet already associated with it.

The search tag must not contain special characters such as "#" or "@".

- **Date range:** the time interval used to search for the images.
- **No end date:** check this option if you want to download all the tagged images from the start date indicated to the current date. In addition, images will be downloaded indefinitely as they are uploaded to the social media network.
- **Polling time:** the waiting time after downloading an image and before uploading the next.
- **Saving folder:** the folder where the downloaded images will be stored.

3.5 Start/Stop the image downloading process

Press "Start" to start the downloading session. The images found in the social media network appear in the list of images with the following information:


- **Tag date:** date and time when the hashtag was added to the image or to any of the comments about the image.
- **Status:** status of the image.
 - o Pending.
 - o Downloading.
 - o Downloaded.
 - o Error. Error in downloading the image. Place the cursor on the image in the list of images to see the cause of the error.
- **Downloading date:** date and time when the image was downloaded.

The last image downloaded can be seen in the "latest download" box.

Press "Stop" if you want to stop downloading the images. Press "Start" to continue downloading the images from the point where you stopped.

When the application is initiated, the previous downloading session configuration is recovered. Press "Start" to continue downloading images from the point where you stopped.

If you change the hashtag or date range, you will not be able to continue the downloading session, and you will have to start a new one. This means that the downloaded images log will be deleted.

Right-click with the mouse on the application icon in the Windows bar  to restore it or close it.

4 Social Media Uploader Application

4.1 Introduction

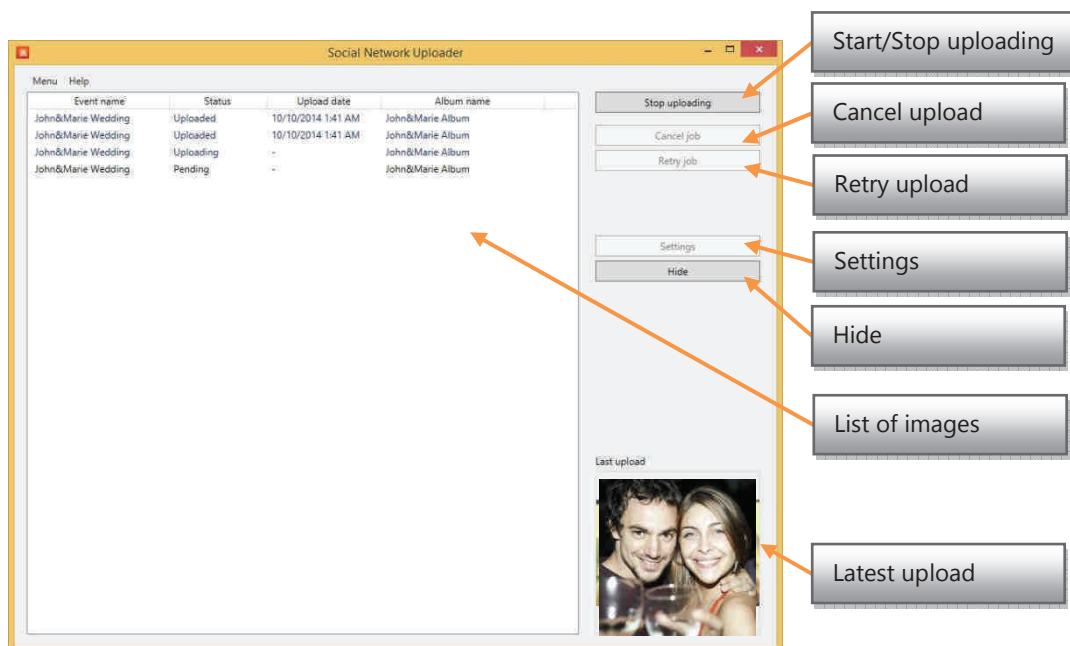
This application is designed for events in which all the photos processed through any of the output channels must be added to a Facebook® album belonging to the photographer or organiser of the event.

Before initiating the application:

- If the Internet access is made through a proxy, make sure the proxy parameters are configured in the Internet Explorer properties.

4.2 Home screen elements

The home screen contains the following elements:




- **Menu bar.**
 - o Menu. Shows a single option for closing the application.
 - o Help. Shows a single option for seeing detailed information about the application.

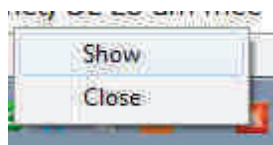
- **List of images** uploaded or waiting to be uploaded to Facebook®. The following information is shown for each of these images:
 - Event name. Name of the "PS events" application event from which the image to be uploaded was sent.
 - Status. Status of the image. The possible statuses are:
 - Pending. Waiting to be uploaded.
 - Being uploaded.
 - Uploaded.
 - Error. Error in uploading the image. Place the cursor on the image in the list of images to see a description of the error.
 - Not authorised. No session started in Facebook®.
 - Album. Name of the Facebook® album to which the image is being uploaded.

Bear in mind that a Facebook® album may contain up to 1000 images.

- Upload date. Date and time when the image was uploaded.
- **Start/Stop uploading:** start or stop uploading the pending images.
- **Cancel job:** cancel the uploading of the selected images. It is only possible to cancel images with the status "Error", "Pending" or "Not authorised".

If you cancel the uploading of an image, you will not be able to upload it again.

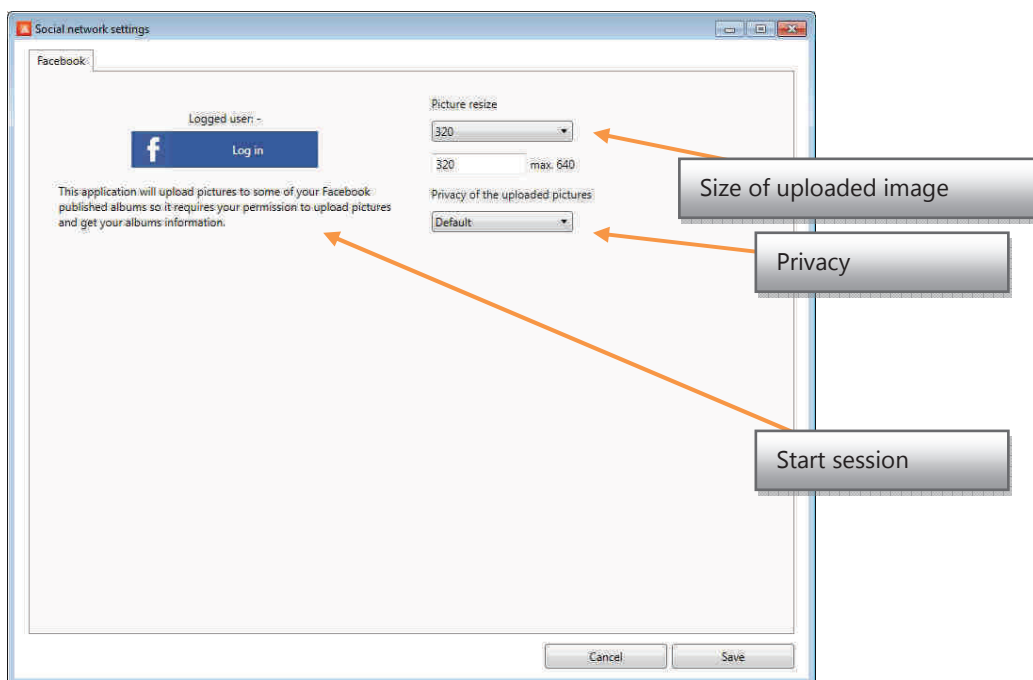
- **Retry job:** changes the status of the images to "Pending" and puts them in the queue of images waiting to be uploaded. It is only possible to retry images with the status "Error" or "Not authorised".
- **Settings:** allows the configuration of the Facebook® session and the uploading parameters.
- **Hide:** hides the window, leaving only the icon in the Windows bar . Right-click with the mouse on the application icon in the Windows bar to restore it.



When initiating the application in PS events, it is always hidden.

4.3 Application configuration

Press "Settings" in the home screen to start the session in Facebook® and set the uploading parameters:



4.3.1 Initiate/Close the session in Facebook®

Initiate the session as a registered user in the Facebook® social media network to upload the images. Press "Enter" to open the text box for starting the session.

After starting the session, press "Exit" to end the session or change the user name.

You only need to initiate the session in Facebook® once. The initiated session is automatically retrieved when the application is reopened.

4.3.2 Uploading parameters

Configure the following parameters before starting to upload images.

- **Size of uploaded image.** The image is resized on the longest side to the pixels shown here. Choose between 320px, 640px or enter any other size greater than 120px manually.
- **Photo privacy.** Visibility of the photo once uploaded to the social media network. The available privacy levels are "*Private*", "*Friends*", "*All*" and "*Default*".

When PS events adds an image indicating an album that is not in Facebook®, a new one is created with the privacy level of the photo.

Press "Save" to exit the configuration, saving the changes made or press "Close" to cancel and not save the changes.

5 Practical examples

5.1 Corporate event or “selfie”, using social media networks.

Definition

- Printing of pictures uploaded by people from the social media network (Twitter ® or Instagram®).
- Creation of a #hashtag for the event, and notification to those attending.
- All the photos associated with that hashtag will be printed in 10x15 format, composed with an advertising mask.

Configuration

1. An event is created in the home menu (or created using another similar one that already exists).
2. The following elements are configured in the Event and hot folders information tab:
 - a. Event name
 - b. Date
 - c. Optionally: notes are added
 - d. Mode: **Automatic**
 - e. Hot folders: one is configured (bearing in mind that it will be the same one in which the “Social Media Downloader” will save the pictures downloaded from the social media network).
3. Select the **Channel 1** tab (only one output channel is configured for this event)
 - a. The channel is activated
 - b. It is given a name, for example “10x15 Instagram”
 - c. The printing options are selected:
 - i. “10x15” is selected as the print size in this example.
 - ii. Normal number of copies, “1”.
 - iii. The other printing options are configured in accordance with the operator’s preferences.
 - d. Picture adjustments:
 - i. The brightness, contrast and other adjustments are made. Depending on preferences. Neutral default values may be left as they are.
 - ii. No compositions or filters are used in this example.
 - iii. Press the “Decoration setup” option. The masks and texts are configured as described in the respective chapter of this manual.

- e. Hot folders: the first folder previously configured is displayed as selected by default. This way, the main hot folder is associated as a photo input for this channel. No more folders will be used in this example.
 - f. Facebook ®: no photos are sent to a Facebook album in this example.
4. Channel 2 is not configured in this example.
5. Press "Save".
6. Now the "Social Media Downloader" application should be configured for downloading the pictures associated with Instagram® to be uploaded during the event. After opening the "Social Media Downloader" application:
- a. Select "Instagram" in the "Social Media Network" option
 - b. Enter the hashtag to be used during the event. (Do not write the "#" symbols linked to the hashtags).
 - c. If you do not want to set a date range limit for downloading, leave the default option. This will allow you to download photos that are still being uploaded with the same hashtag the day after the event, for instance.
 - d. Hot folder: the route associated with the hot folder linked to Channel 1 of the "PS events" application must be configured here.
 - e. If you are opening the application for the first time, on pressing "Connect" the operator will be asked for the login and password of their social media network account. If it is not the first time, after pressing "Connect", a confirmation message will appear which must be accepted.
- CAUTION:** you must be connected to the Internet at this point in order to correctly finalise this step.
- f. Save: even though the event has not yet started, **press the "Start" option to save the changes.**
 - g. A test can be made and if the event has not yet started, press "Stop" and close the "Social Media Downloader".
7. LASTLY, to conduct a test or start the event:
- a. If you have initiated PS studio, open the event in the home menu.
 - b. Check that the printer is on, with no errors and with the respective consumables.
 - c. Check that the "PrintModule" has been initiated (you will see this in the taskbar in the bottom right-hand cover, next to the clock)
 - d. Check that the "Social Media Downloader" is initiated. Press "Connect" if necessary and then press "Start".
 - e. Press "Run" in the event.
 - f. The event is being executed: as the photos are uploaded to Instagram ® with the hashtag associated with the event, they should appear in the

"Social Media Downloader" in first place and then be displayed in the "PS events" viewing area, while they are sent to Channel 1: the picture adjustments are applied, if any, the decorations and text are added and then they are automatically sent to the printer for printing.

5.2 Classic event: wedding photos

Definition

- The photos are taken by a professional photographer.
- The camera sends the photos through a wireless connection.
- In channel 1, the photos are printed in 10x15 format and they will be posted in a Facebook album.
- In channel 2, the photos are printed in 15x20 format, and a decorative frame and text are added.
- The event will be configured in the manual mode, which means that an operator will study each photo (and may edit the framing, if wished) before sending it to be printed.

Configuration

1. The operator is responsible for configuring the camera correctly and all related software receiving the photos in the same PC as the one where "PS events" is executed or in another PC connected to the Internet. It is important to remember that the photos to be added to the event folder in "PS events" are DELETED from the hot folder where the images arriving through the wireless connection are being saved. For this reason, it is also very important to configure the different folders involved correctly, and the access, writing and deletion rights when using shared folders online.
2. An event is created in the "PS events" home menu (or a new event is created using another similar one that already exists).
3. The following elements are configured in the Event and hot folders information tab:
 - a. Event name
 - b. Date
 - c. Optionally: notes are added
 - d. Mode: **Manual**
 - e. Hot folders: one is configured. Remember that it must be the same folder in which the camera software receiving the photos through the wireless connection saves those photos.
4. Select the **Channel 1** tab.

- a. The channel is activated
- b. It is given a name, for example "10x15 & Facebook"
- c. The printing options are selected:
 - i. "10x15" is selected as the print size in this example.
 - ii. The other printing options are configured in accordance with the operator's preferences.
- d. Picture adjustments: in this example, it is not compulsory to enter parameters in this section for this channel.
- e. Hot folders: the first folder previously configured is displayed as selected by default.
- f. Facebook ®: the "upload" (publication) is activated in an album with an account that the software operator must provide, or the person who has configured it previously.

Enter the name of the album, the description and the subtitle of the published photos. In the example, this channel adds no texts or decorations to the photos, and therefore it makes no difference whether the original photo is uploaded or the one with changes (unless you also want to upload the photo with the same trimming which can be applied to the photo before printing it). The option "Original" is shown checked by default.

5. Select the **Channel 2** tab.

- a. The channel is activated
- b. It is given a name, for example "Frame & 15x20"
- c. The printing options are selected:
 - i. "15x20" is selected for the print size in this example.
 - ii. The other printing options are configured in accordance with the operator's preferences.
- d. Picture adjustments: apart from possible adjustments to be applied to the photo, the decoration and texts to be added are configured here. See the respective chapter for more details.

IMPORTANT: if photos with a vertical and a horizontal orientation are to be taken, both types of decoration and texts must be configured.

- e. Hot folders: by default, the first folder previous configured is displayed selected in the "Event and hot folders information" tab.

It is assumed that in this event, all the photos can be processed by both channels, 1 and 2, but the final decision will be made by the software operator, as this event is configured in the manual mode.

- f. Facebook®. Channel 1 was already configured for it.
6. Press "Save".
7. If the "Social Media Uploader" was not previously configured to publish the photos in a Facebook® album, this should be done now. **IMPORTANT:** this step should only be performed once, as this configuration is generic and not dependent on the event. The specific Facebook® parameters for this event (name of the album, etc.) were already configured in step 4.f of this section.

After opening the "Social Media Uploader" application:

- a. Access the "Adjustments" menu:
 - i. Press "Enter" if you are entering the application for the first time. You will be asked for the login and password of your social media network account.

WARNING: you must be connected to the Internet at this point in order to correctly finalise this step.
 - ii. Configure the size of the published images.
 - iii. Select the privacy level for the uploaded images. "By default" appears, which means that the properties of the album used to publish the photos will continue to be applied.
 - iv. Save the changes by pressing "Save".
 - b. If you do not want to conduct a test or do not yet want to start an event, do not press "Start uploading".
8. LASTLY, to conduct a test or start the event:
- a. If you have initiated "PS studio", open the event in the home menu.
 - b. Check that the printer or printers is/are on, with no errors and with the respective consumables.
 - c. Check that the "PrintModule" has been initiated.
 - d. Check that the "Social Media Uploader" has been initiated. If you performed the "login" ("Enter") before, there is no need to press "Start uploading". If you cannot activate this control, check the configuration to ensure that you do not need to "Enter" again.

- e. Press "Execute" in the event.
 - f. The event is being executed: as the photos taken by the photographer reach the hot folder, they will be added to the list of photos that can be viewed in the "PS events" home screen.
9. The operator can select the desired photo, adjust the trimming of the frame depending on the output channel selected, and send photos individually to each of the channels at will. It is important to remember that they are hotkeys for working more efficiently.



Thank you for choosing this Mitsubishi Electric® product

More information is available at

www.mitsubishielectric-printing.com

<http://www.mitsubishiphotosuite.com/>

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Annexe I – Installation

1 Requirements

For the correct operation of "PS suite" the following elements are included in the installer:

- Printer driver.
- Microsoft .NET Framework 4.0
- Microsoft C++ Redistributable 2008 - x86.
- Microsoft C++ Redistributable 2010 - x86.
- In equipment with 64-bit operating systems, the Microsoft C++ Redistributable 2010 - x64.
- The PS suite applications.

In addition the following is necessary:

- Microsoft Internet Explorer (upgraded).
- VERY IMPORTANT: system date and time interval correct. Otherwise certain applications will not function correctly.

Please ensure that your computer is correctly updated through "Windows Update". Otherwise the application might not function correctly. If you are in doubt, consult your Windows ® operating system manual.

Check the availability of new versions or important information about the MITSUBISHI ELECTRIC software at www.mitsubishielectric-printing.com.

Annexe I. Installation

"PS suite" is compatible with the following operating systems: Windows 8.1, Windows 8, Windows 7 and Windows Vista.

To install the PS suite software the user must be the machine administrator or have administrator permits.

Make sure your operating system has all the available updates.

Operating system (32-bit, 64-bit)		Minimum system requirements	Recommended system requirements
Processor		Intel® Core™2 Duo Processor or a more recent one	Intel® Core™ I5 Processor or a more recent one
RAM		2 GB	4 GB
Free space on disk		2 GB	4 GB
Software		NET Framework 4.0	
Connectivity	Compatibility with USB	USB 2.0 HS	
	USB cable	Certified USB 2.0 cable with a length of less than 2 metres.	

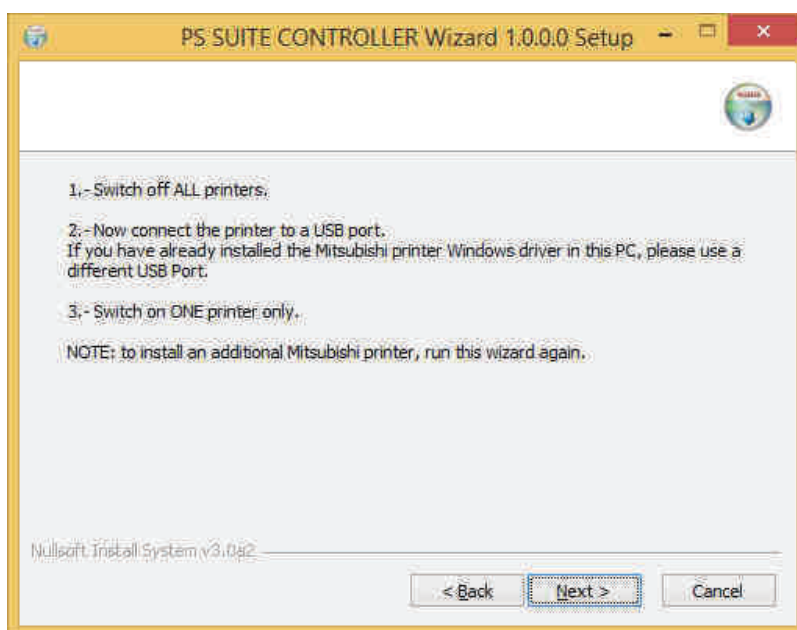
2 Installation process

IMPORTANT:

- Connect the Mitsubishi printer to a USB 2.0 port of your computer before starting to install the software.
- If already using the printer with other third-party applications through the standard Windows driver, please connect the printer to a different USB port.
- Before starting the installation process make sure the printer has paper and ink and that no error message is displayed.
- Do not connect more than one printer at the same time if doing this for the first time.
- If after installing the printer, it is then connected to a different USB, you will probably have to reinstall it. To do this, see chapter 2 of this annexe.

Then execute the main installation assistant. It may have different names, depending on the application version, but it will normally be "[Application name]_Setup.exe".

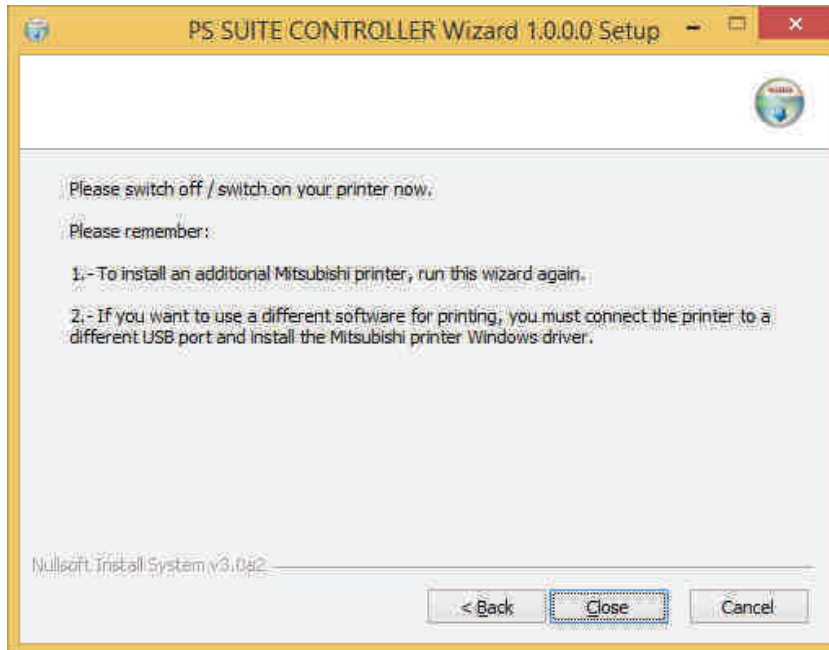
The printer installation assistant will be executed during the installation process.



Annexe I. Installation

Follow the steps indicated by the assistant.

When the printer has been correctly installed, the following screen will be displayed informing you of the following steps to be taken:

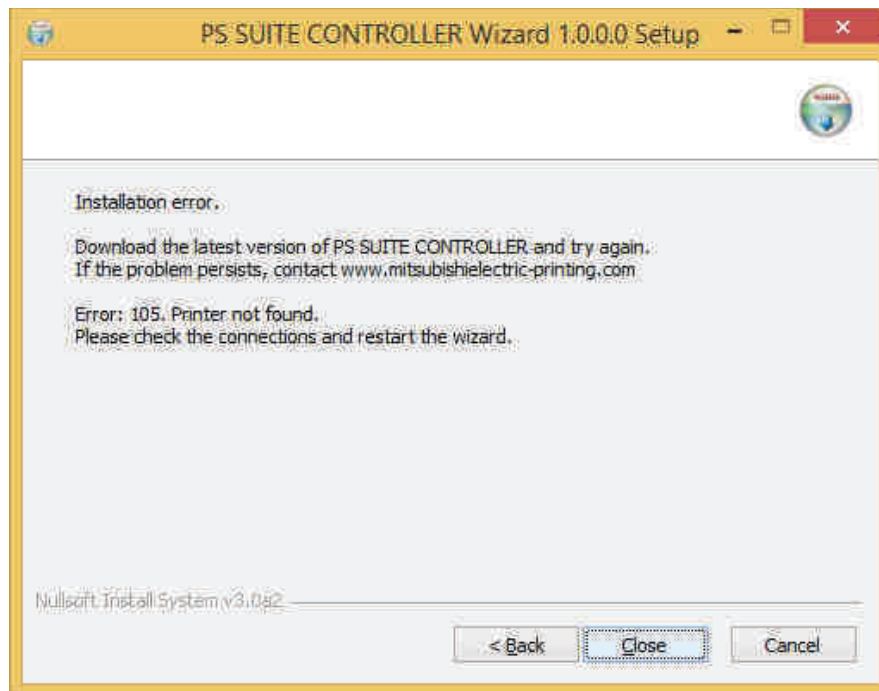


If the following message appears, press "Install" to confirm the driver installation.



Annexe I. Installation

If for any reason the installation has not been executed correctly, an error message will appear telling you what to do to solve the problem.

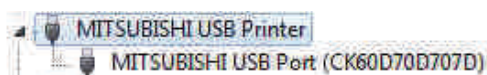


If the printer was not connected when starting the installation process, a message may appear with an error code and a description. These codes are described in the following table.

CODE	DESCRIPTION
100	Installation error.
101	Installation error. No administrator privileges
102	Installation error. Restart the system.
200	Error. Software already exists
201	Error. Printer not connected.
202	Error. Driver files not located.

If no error message appears, the driver will have been successfully installed: the installation process can be continued in the normal way.

If the printer driver is properly installed, the printer will be displayed in the Windows devices administration panel as "MITUSBISHI USB Printer".



On the contrary, if a problem has arisen during the driver installation process and you decide to continue installing the software anyway, press "Close" (the "Cancel" option will interrupt the PS Suite installation process). It is possible to install the printer driver separately by hand, as explained in the following section.

After this first part about installing the printer drivers, the global PS Suite installation process continues to install the rest of the applications, if the user has not cancelled it.

If you have installed a non-activated test version and you already have a licence to activate the application, see the annexe entitled "Software activation".

3 Manual installation of the printer driver

3.1 Connecting a new printer

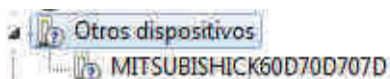
If you are connecting a new printer for the first time, you will have to reinstall the printer driver.

To find out whether or not the printer has been correctly installed:

If the printer driver is properly installed, the printer will be displayed in the Windows devices administration panel as "MITSUBISHI USB Printer".

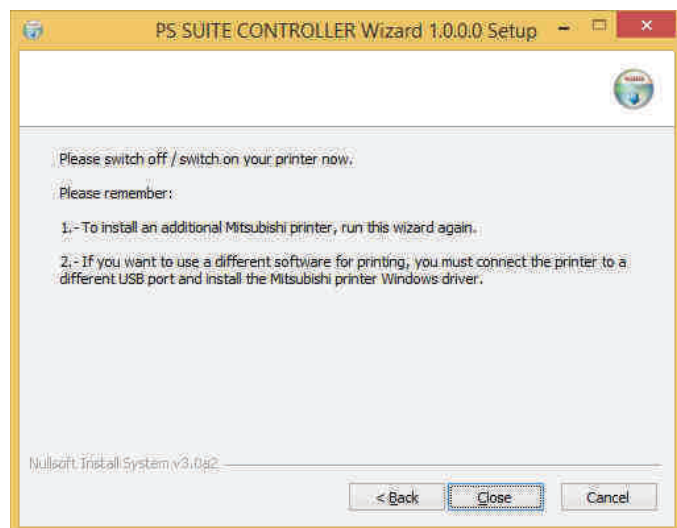
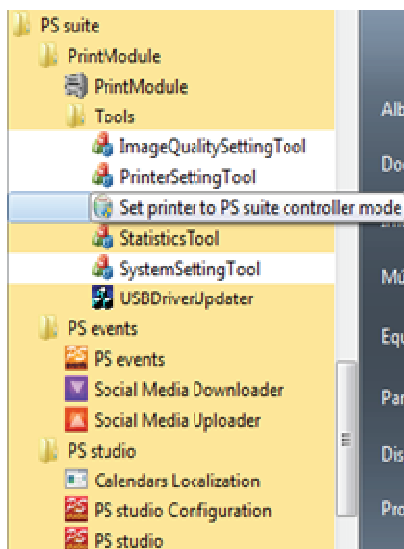


If the printer controller is not installed, the printer will be shown as "Other devices" in the Windows devices administration panel.



The "PS Suite Controller" installation assistant is located in the Home Menu -> Programmes -> PS suite -> Printmodule -> Tools -> Set printer to PS suite controller mode.

Execute the installer and follow its instructions.

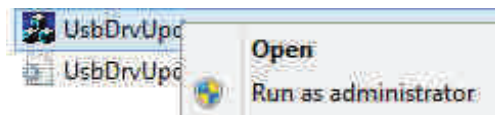


3.2 Connecting the printer to a USB port that is different from the one used during the installation.

If you connect a printer to a USB 2.0 port that is different from the one used during the installation, you will have to reinstall the driver.

You can only execute the tool described in the previous section in this case, or a simpler and faster one (because the printer has already been installed in the system), the "USB Driver Updater".

To install the driver, **execute** the "USB Driver Updater" programme **in the administrator mode**. It is in the installation folder, for instance "C:\Program Files (x86)\PSSolutions\PrintModule\USBDriver\".



4 Uninstalling.

To correctly uninstall the PS suite application, stop or cancel all printing jobs in progress. Then go to the Windows control panel in the Programmes and Characteristics section, select "PS suite" and press uninstall.

Annexe II – Software activation

1 Introduction

A software licence is required for the permanent activation and execution of the software in a piece of equipment.

If the activation has not been made, the software will remind you that it must be activated.

The software can be executed in trial mode for a few days. The trial period may vary, depending on the software.

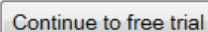
Once the trial period has expired the software should be activated to continue executing it in the equipment.

For more information about activating the software please consult your habitual supplier.

2 Executing the software during the trial period

If you have not yet activated the software or do not have a licence, the application can be executed in trial mode during the trial period.

To try out the software, select the option "Continue to free trial" in the PS events software screen that tells you to activate the software.



The application will always tell you that you have two trial days left, and if the trial period has started, the date on which it expires.



The trial period term commences when you first select the option "Continue to free trial".

If you have not selected the option "Continue to free trial" the application will continue to tell you that you have a five-day trial period.

3 Activating the software through a HASP USB device

If you have a HASP USB device that has a software licence, just connect the HASP device to a USB in your computer and execute the software.

You will not be asked to make any software activation while the HASP USB device is connected to the computer and you will be able to execute the software without limitation.

Not all the PS Suite applications function with a HASP USB device. Ask your usual MITSUBISHI ELECTRIC photographic products dealer for information.

If you forget to connect the HASP USB device before executing the software, it will warn you that it must be activated and if the trial period has expired, it will not allow you to execute it. To solve this problem, reconnect the HASP USB device.

If you disconnect the HASP while the software is being executed, the software will stop functioning.

4 Activating the software through a licence key

If you have a licence key, proceed as follows to activate the software.

The activation process will vary depending on whether your computer has internet access or not.

If the computer in which the software is to be activated has no internet access, you will have to access the internet with another computer with internet access to complete the activation process.

4.1 Activating equipment with internet access

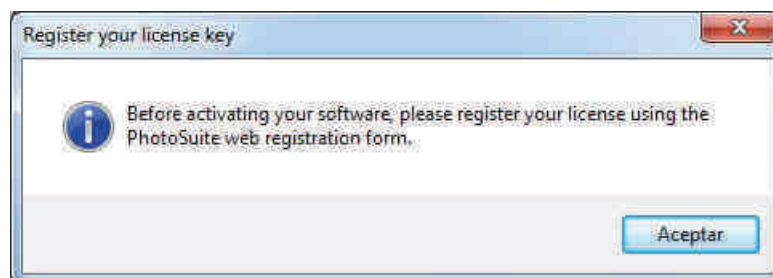
If your computer has internet access and you have not yet activated the software, when the process starts the following screen will be displayed:



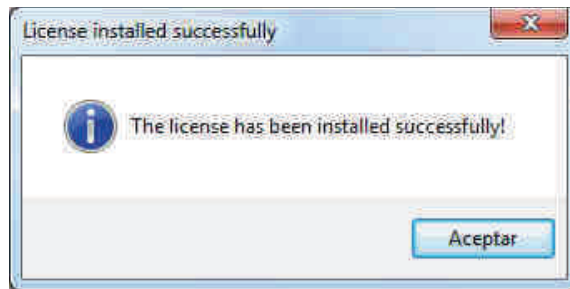
The steps for online activation of the software using a licence key are described in the following section:

1. Enter your licence key and select the option "Activate".
2. If you have not registered previously the system will ask you to register your key in the register website.

On selecting "Accept" the registration form will open up automatically in your predetermined browser.



3. Once you have registered in the register website, return to the software and select the option "Activate" again.
4. The software activation process will start.



4.2 Activating equipment with no internet access

If your computer has no internet access and you have not yet activated the software, when the process starts the following screen will be displayed:



The procedure for activating the software with a licence key in a computer with no internet access is set out below.

In this activation process you should use another computer which does have internet access:

1. On executing the software, select the option "Obtain "SW ID"" in the "Step 1" tab.

Store the file generated in a safe place, as you will need it for the next step.

2. Access the website <http://www.mitsubishiphotosuite.com/register> with the computer that has internet access, to register your licence key and obtain a

Annexe II. Software activation

licence file that will enable you to activate the computer without internet access.

To generate the licence file the web form will ask you for your product key and the "SW ID" file generating during the first step.

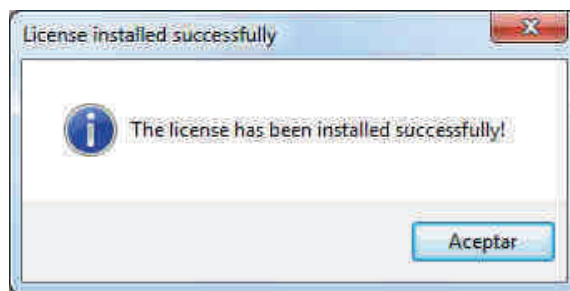
The licence file downloaded during the last step of the web registration process will also be sent to the e-mail address you entered when registering.

3. The next step is to activate the software with the licence file generated in the previous step.

To do this execute the software again and select the option "Activate" in the "Step 2" tab.

In the open file box select the licence file obtained during the previous step and select the option "Open".

4. The software activation process will start.



Annexe III – “PrintModule”

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1 Introduction

The PrintModule is entrusted with controlling the queue of printing jobs generated by the main applications, and with preparing, sending and controlling individual printing jobs for each printer that is connected.

The Mitsubishi printer models supported by the PrintModule are:

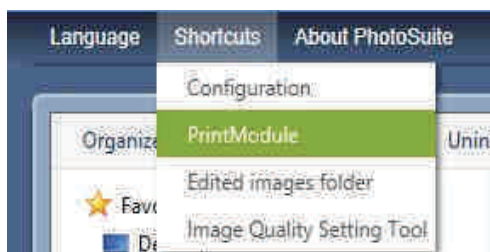
- CPK60DW-S Series
- CPD70DW/-S Series
- CPD707DW/-S Series
- CPD80DW/-S Series
- CP3800DW

The maximum number of printers supported or connected simultaneously by the PrintModule is 2.

The CPD7070DW/-S printer will be detected as 2 printers, and so you will not be able to connect any more printers.

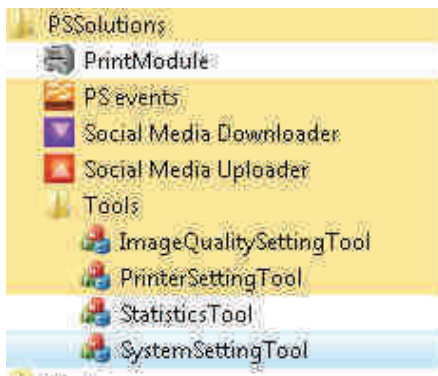
For **Matte** printing with the CPD80DW/-S printer, select the **SuperFine** print quality.

To access the PrintModule go to the menu at the top of the application in the Shortcuts section and select PrintModule.



The PrintModule can also be accessed by left-clicking on the icon on the right of the system toolbar, or through the 'PS Solutions' applications group in the system home menu (the different access routes will depend on the operating system version).

A series of setup utilities associated with the PrintModule is provided (see image), which are described later on.



2 Operation

When the main software (PS events or PS studio) is started up manually, PrintModule is automatically started up and is displayed in a minimised form on the operating system toolbar.

If this automatically closes when the PrintModule is started up, check that the printer is connected to a USB 2.0 port and on, and if it is, that the printer information detected by the PrintModule is correct (see the 'Printer info' section below).

2.1 PrintModule Screen

The PrintModule screen displays the job information, a description of the job, the output format, the total number of prints, the order date and the printing progress.

The screenshot shows the MITSUBISHI PrintModule window. At the top, there are buttons: "Printer Info.", "Resume", "Pause", "Pause & Next", "Delete[List only]", and "Close". Below these is a table of job information. Callout boxes provide details for each button and the table.

Buttons:

- Resume:** Allows the user to resume a paused job.
- Pause:** Allows a job to be paused in order to execute the next job in the queue.
- Pause & Next:** To eliminate jobs that are to be executed on different printers, first pause the jobs and then press "Pause&Next" and lastly, press "Delete" to eliminate them.
- Delete[List only]:** Allows completed or paused jobs to be deleted. If you want to delete a job that is being printed, you must first pause the job.
- Close:** To minimise the PrintModule. The orders will continue to be executed in the second plane.

Job List Table:

Order Number	Service	Size	Prints	Completed prints	Status	Order date/Time	Completed Date/Time	Printer	Printer Status
17	EASYALB...	10x15...	60	4	Paused	9/12/2013 3:53:34...			
18	PRINT	10x15...	9	0	Paused	9/12/2013 4:01:44...			
19	EASYALB...	15x15...	20	0	Paused	9/12/2013 4:04:28...			
20	PRINT	10x15...	11	0	Paused	9/12/2013 4:06:56...			
21	PHOTOID	10x15...	1	1	Completed	9/12/2013 4:07:45...	9/13/2013 10:26:31...		
22	CALENDAR	10x15...	1	1	Completed	9/12/2013 4:08:35...	9/13/2013 10:26:51...		

Job selection: Press the "Shift" key to select more than one consecutive job. The "Control" key is used to select different jobs.

Pause & Next: Allows the job to be paused. If a job is paused and then an order is made through PhotoSuite that job will be placed in the "Waiting" status. If you want to pause a job but want the next job to be printed, press the "Pause & Next" button.

The jobs may be in the following states:

Being printed: The job is being printed; in this state the order can be paused.

Waiting: The job is waiting for another printing job to finish, or for the printer to accept the job.

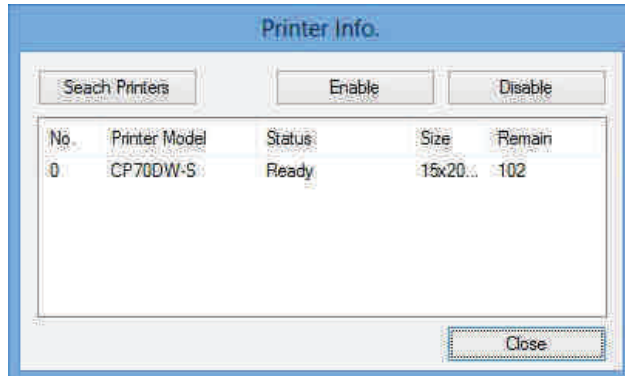
Completed: The job has been printed in full. Once completed, it cannot be printed again.

Paused: Jobs in this state can be resumed by pressing the "Resume" button.

In Error: Consult the "Printer status" column to see what the error is. If no description is given, consult the printer status by pressing "PrinterInfo".

2.2 Printer Info

This displays information about the connected printer. The model, printer status, type of paper loaded and number of copies available are shown. If you have just switched the printer on, press the "Search Printers" button to refresh this screen.



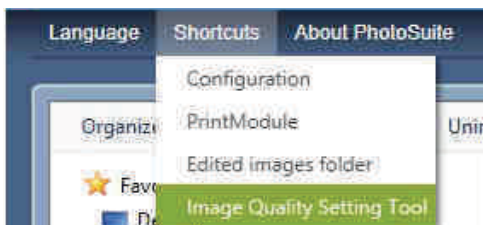
2.3 Available print formats

Format name - cm - inches	CP3800 Series	CP80/ K60 Series	CP70/707 Series
20X25 - 8X10	✓	X	X
20X30 - 8X12	✓	X	X
10X15 - 4X6	X	✓	✓
9X13 - 3.5X5	X	✓	✓
15X23 - 6X9	X	X	✓
11X15 - 4.4x6	X	X	✓
15X20 - 6X8	X	✓	✓
15X21 - 6X8.5	X	X	✓
13X18 - 5X7	X	✓	✓
15X15 - 6X6	X	✓	✓
20x20 – 8x8	✓	X	X
13X13 - 5X5	X	✓	✓

3 Configuration

3.1 Image Quality Setting Tool

To access the image quality setting tool, go to the menu at the top of the application and in the Shortcuts section select "Image Quality Setting Tool".

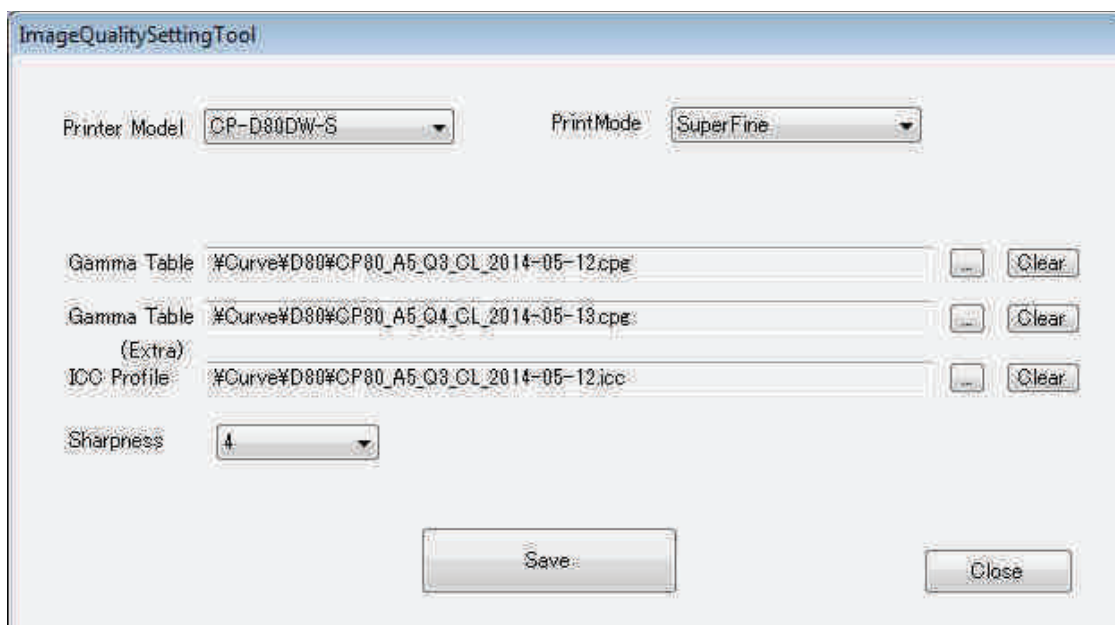


This tool allows you to adjust the printing quality. It allows an ICC profile to be defined as well as a gamma table in CPG format for each printer and quality, and the initial "Sharpness" to be adjusted.

To change a parameter, first select the printer to be configured and then select the finish: *Fine, Superfine or Ultrafine...*

Gamma Table: This allows you to select a gamma table in CPG format. If not using a CPG table press the "Clear" button.

ICC Profile: Allows a specific ICC profile to be selected. If not using an ICC profile press the "Clear" button.



In the case of the CP-D80DWS printer an extra curve is shown for the Superfine mode. This curve should be equivalent to the one assigned by default to the Ultrafine speed

(the same curve as the one for Ultrafine can be assigned). This is because in the Superfine mode it is automatically changed to Ultrafine, depending on the printing conditions.

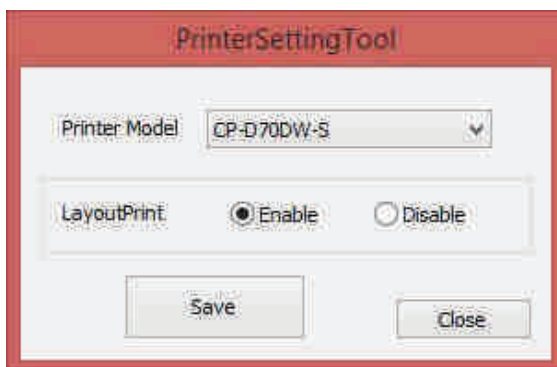
Sharpness: Allows this parameter to be adjusted from "OFF" to "8"

Once the parameters have been changed, press "Save" to save the configuration. Always do this before selecting another model from the list.

3.2 Printer Setting Tool

This application allows you to configure 10x15 format printing in a 15x20 format, in a Mitsubishi CPD70DW/-S and CPD707DW-s printer.

This configuration can be specified for each printer model. To do this, select the printer model in the "Printer Model" pop-up list.



Available options:

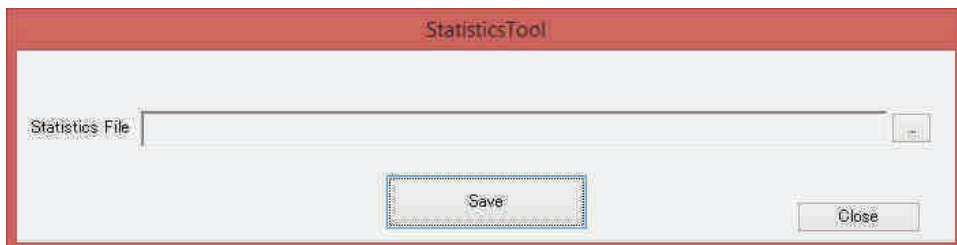
Enable -> Enables you to print a 10x15 format in a 15x20 format.

Disable -> Disables the option of printing a 10x15 format in a 15x20 format.

3.3 Statistics Tool

This application allows the production data to be exported to a standard .csv file. This type of file can be viewed with different applications, particularly those specialising in spread sheets. Steps to be taken to export the equipment statistics:

- 1.- Select the original file. It is located in: "C:\ProgramData\PSSolutions\PrintModule\Statistics\". Each file in the list includes the production information for a whole month.
- 2.- Press "Save".
- 3.- Select the place where you want to save the .csv file.

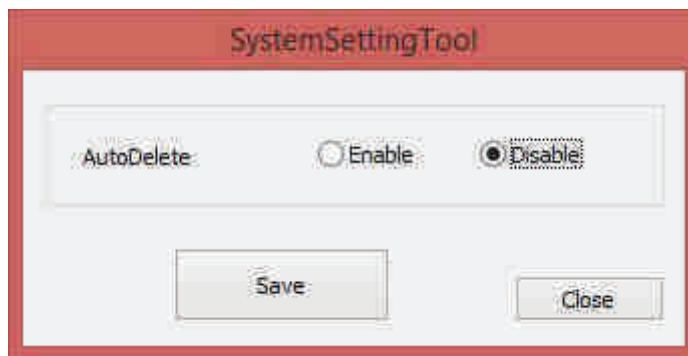


3.4 SystemSetting Tool

This utility allows you to configure whether you want to eliminate the print jobs after completion.

Enable -> Eliminates the orders once completed.

Disable -> Saves the orders in the equipment.



If this option is disabled, a large number of orders will gradually be accumulated which could take up all the free space on the hard disk. To prevent this, eliminate the orders manually or activate this option.

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Annexe IV. End User License Agreement.

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