

# ***KSuse*** ***Sender***

v 3.4.5

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**Use only English letters, numbers, point, hyphens, underscores in the names of paths, folders, files!**

## System requirements

Compatibility: Windows 11 x64.

Required software:

1. .NET 8.0 Desktop Runtime - Windows x64  
<https://dotnet.microsoft.com/ru-ru/download/dotnet/thank-you/runtime-desktop-8.0.25-windows-x64-installer>
2. Microsoft Visual C ++ 2019 redistributable component (**both x86 and x64 versions**).  
[https://aka.ms/vs/17/release/vc\\_redist.x86.exe](https://aka.ms/vs/17/release/vc_redist.x86.exe)  
[https://aka.ms/vs/17/release/vc\\_redist.x64.exe](https://aka.ms/vs/17/release/vc_redist.x64.exe)

Recommended software:

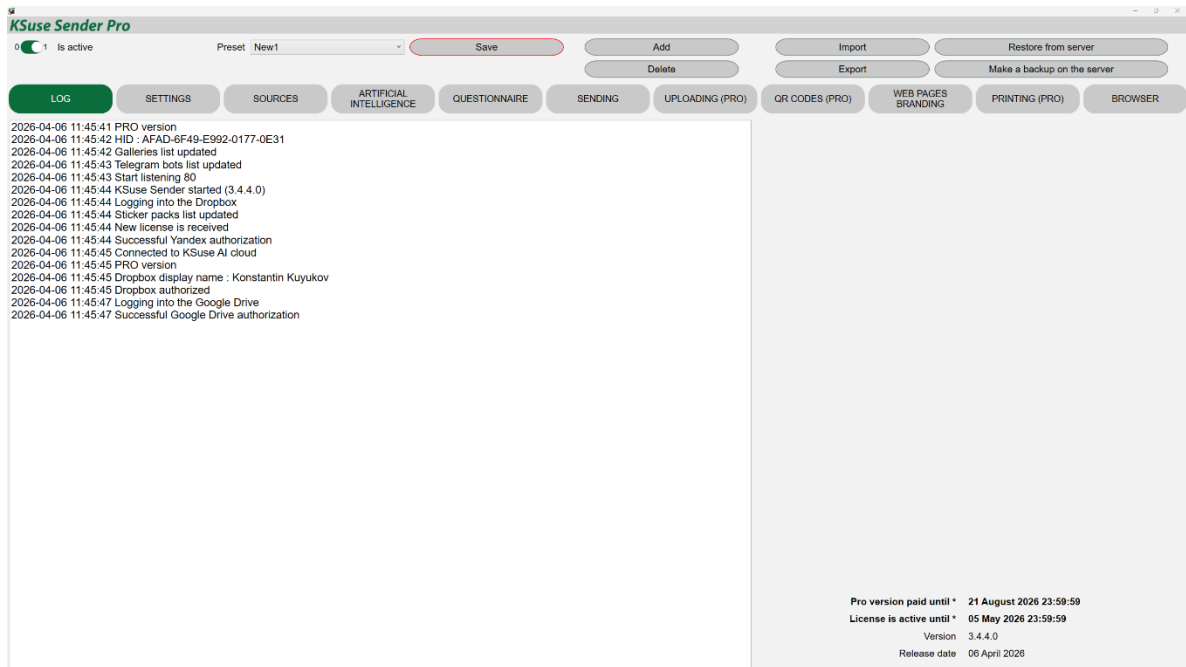
1. Codecs. K-Lite Codec Pack Mega recommended.  
[https://codecguide.com/download\\_kl.htm](https://codecguide.com/download_kl.htm)

## Description of the program interface

**Be sure to click “Save Settings” after changing the settings!**

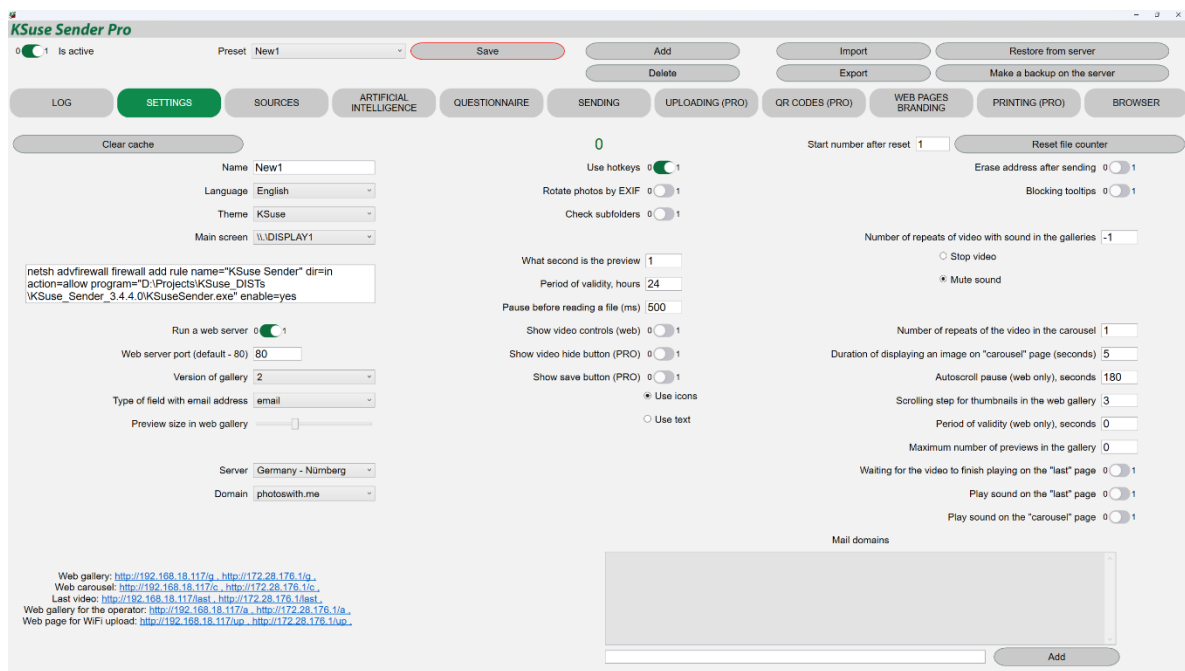
**Attention! Any changes to web page settings are only applied when the web page is refreshed!**

Log tab



In this window, you can see the progress of the program, as well as any errors that occur, so you can diagnose the problem.

## Settings Tab



"Clear Cache" - Erases all files in the gallery. It is used when it is necessary to remove previously processed files from the gallery or re-generate previews and branding when changing preset settings.

"Reset file counter" - Resets the file counter.

Adding each new file in the gallery increases the counter, including when previously processed files are added again after clearing the cache.

"Language" - Select the interface language.

"Theme" - Select the color palette of the interface.

"Main screen" - allows you to move the program window to another monitor.

In the "What second is the preview" option the number of second of the frame is entered from which it is used as a preview.

You can further limit the files displayed in the gallery by setting the number of hours from the current date to the date of creation or modification of the file (the maximum value of them). This quantity can be changed in the field "Period of validity, hours". The default value is 12. Videos older than the specified number of hours will not be displayed in galleries.

"Erase the address after sending" - automatic cleaning of the field with the address immediately after sending.

"Blocking tooltips" - disable autocomplete.

"At what second preview" - indicates from what second to take a frame from the video as a preview.

The specified domains are displayed as buttons after entering the @ symbol in the recipient address field.

To remove a domain from the list, select it and press the Delete key.

"Mute sound in the build-in gallery" - Mute / unmute the sound in the built-in gallery.

"Number of repeats of video with sound in the web gallery" - After selecting the video, the specified number of times is played, then either the playback is stopped or the sound is turned off. 0 - sound off, -1 - unlimited.

In this window you can see links that open a web gallery and a web carousel.

The operator's web gallery is different in that there is no limit to the number of prints and AI-assisted generation.

"Period of validity (web), seconds" - Videos older than the specified number of seconds will not be displayed on web pages. A value of 0 disables automatic hiding.

"Version of gallery" - choice of web gallery layout option.

For the field types "email" and "text", a different virtual keyboard is displayed. Validation for compliance with the format is used for the field with the type "email", but there is no autocomplete on iOS devices.

"Rotate Photos by EXIF" automatically rotates the photos. It is recommended that you turn it off to avoid memory leaks in the web gallery if you are not using photos taken directly from the camera.

"Show video controls (web)" - displaying controls on the pages "last video" and "carousel".

The number of thumbnails in a slider on a web page depends on the screen resolution of the device and the width of the thumbnails. Thus, it is not known in advance how many of them will be displayed in the slider. With the help of the "Scrolling step of the preview in the web gallery" field, it is possible to set the most suitable value for the slider shift when you press the scroll buttons. Also, this parameter affects the loading of the preview in the slider. It is recommended to set it equal to the number of previews on the device used for the web gallery.

A small window displays a command to add permission in the Windows firewall for incoming connections to Sender. The command must be run from a command prompt running as administrator.

The "Autoscroll pause (only for web), seconds" field sets the duration of waiting for user actions in the browser. Upon expiration of this interval, when a new file arrives in the gallery, an automatic transition to it will be made.

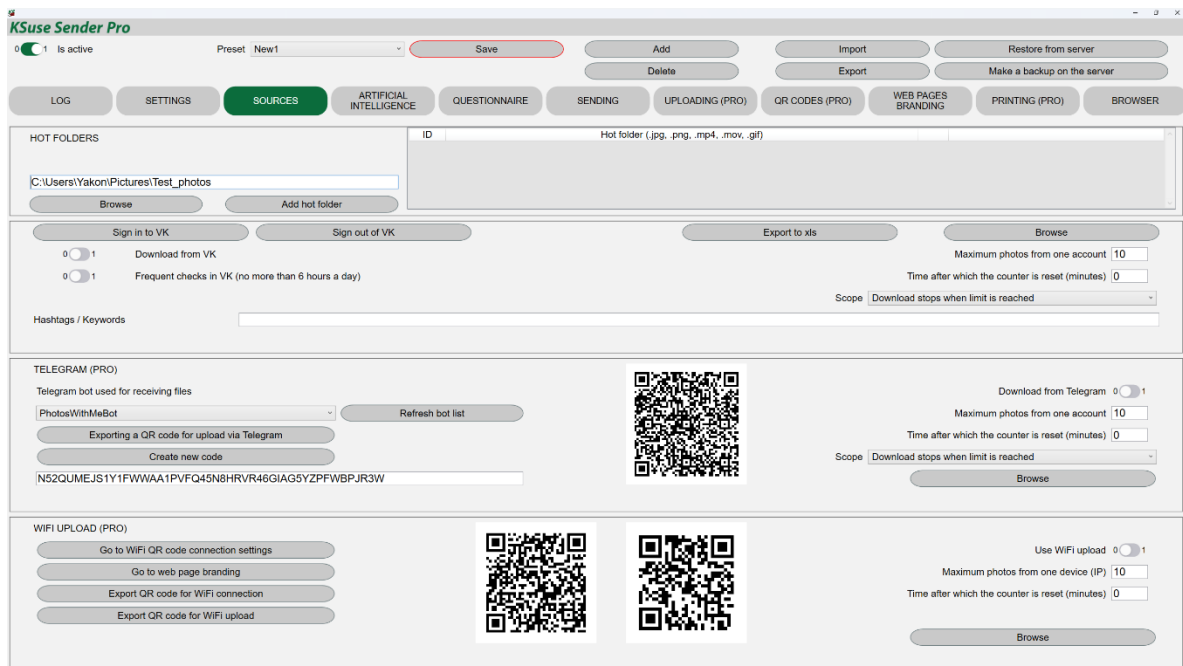
Using the "Maximum number of previews in gallery" option, you can limit the number of previews displayed in the web gallery. 0 - the number is not limited.

If the option "Waiting for the video to finish playing on the "last" page" is enabled, then when a new video arrives, the previous video on this page is not interrupted, but played to the end and only then replaced.

**Attention! If the page has sound turned on by default, then in many browsers the autoplay of the video when the page is opened does not work. In this case, you must enable the display of video controls and start the video manually.**

In the settings, you can choose the domain for communication with KSuse Cloud: photoswith.me or neurocache.ru. The selected server is used for all cloud operations: AI generation, gallery upload.

## Download tab



## «Hot folders»

A list of folders is specified in which the program will search for new photos, videos, GIFs.

## «WiFi Upload »

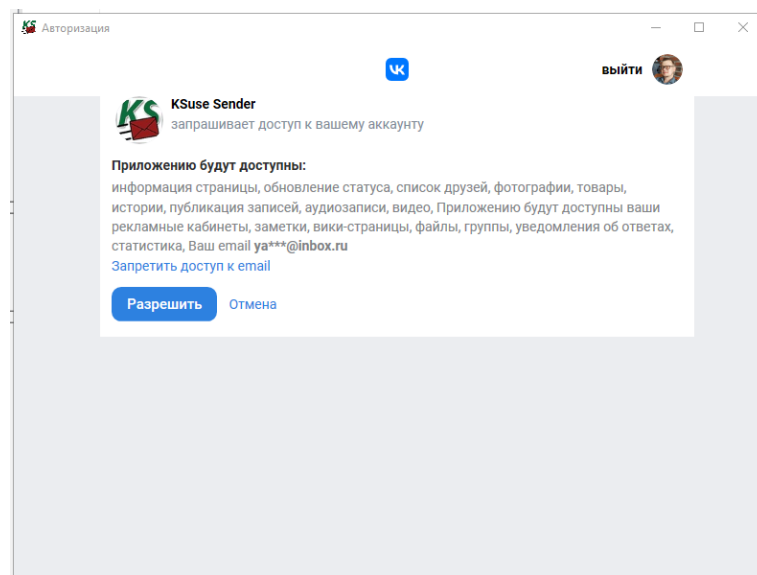
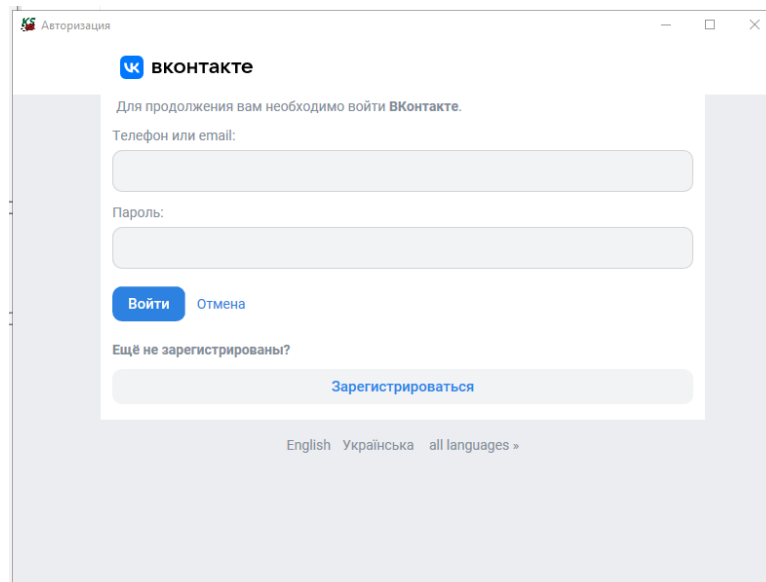
You can upload files to the gallery using a web page over a local network. The SSID and password for the QR code for connecting to the WiFi network are entered in the "QR Codes" section. Page branding can be changed in the "Web Page Branding" section.

## «VK»

Key words, hashtags are indicated here, separated by commas. The program searches for posts containing them and downloads attached photos to the gallery.

You can choose to upload photos only if you are logged in to VK.

A pop-up authorization window appears after clicking on the "Sign to VK" button.



It is possible to limit the number of photos printed from one account in a specified time interval. Only applies to automatic printing.

If the time interval is 0, then the restriction is disabled.

**Downloading in Sender Free is presented in demo mode and is limited to 10 files.**

**Attention! When you change the active preset or clear the cache, the database of downloaded photos is cleared.**

The standard query interval in VK is 1.5 minutes.

It is possible, using the option "Frequent checks in VK (no more than 6 hours a day)" to reduce the interval to 30 seconds. When using more than 6 hours a day, requests may be limited by VK.

### *"Telegram"*

In this block, a QR code for the event is created.

After scanning the QR code in Telegram, a bot is launched to which you can send photos. These photographs will be sent to Sender's gallery.

You can use your own bot.

You can create your own bot in Telegram using the bot <https://t.me/BotFather>

It is best to search for a description of how to set up bots in Google.

Important! The functionality of the bot is limited to the operations of receiving and sending files, the server does not support the ability to create a menu in the bot.

In fact, you only set up the username, display name, icon and description in the bot.

Next, you need to add the bot to the list on the page: <https://admin.photoswith.me/tgbots>

Here you copy the username of your bot without @ and the token of your bot from

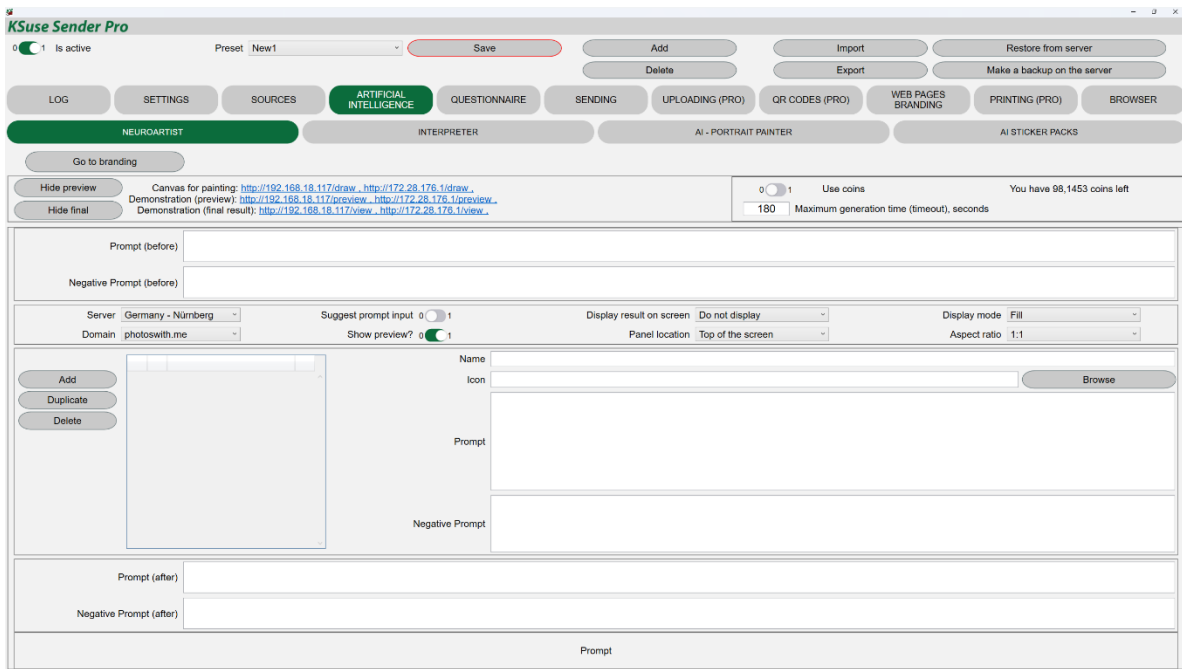
<https://t.me/BotFather>

On the same page, you can change the texts that the bot sends.

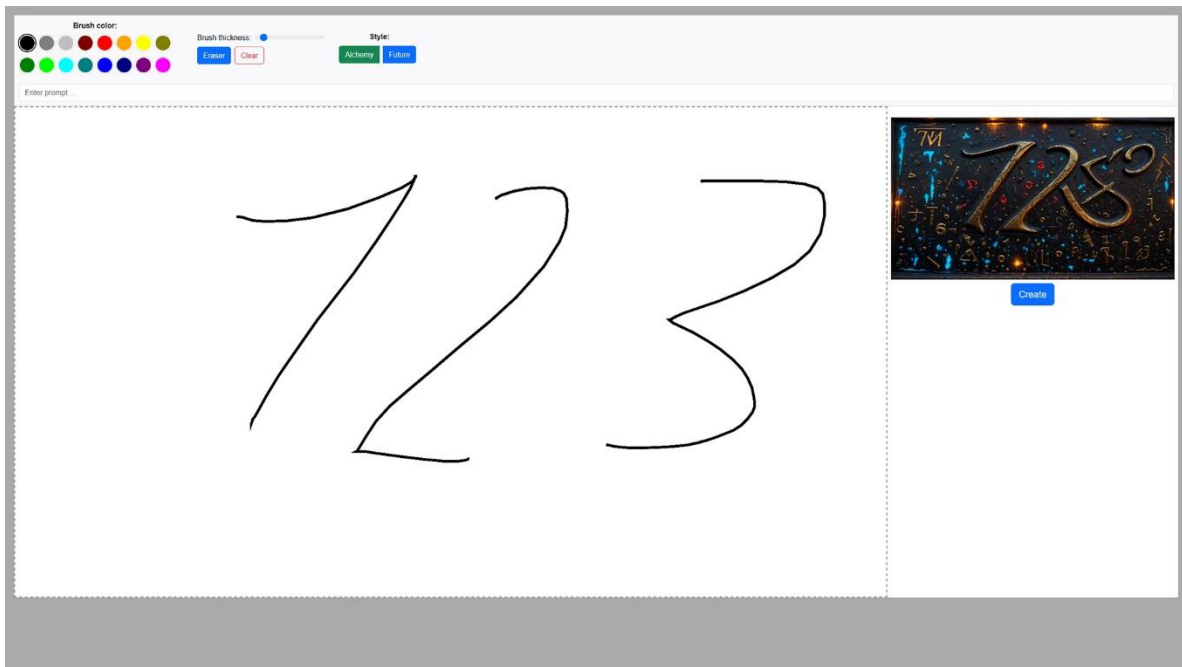
After that, you can update the list of bots in Sender and select the bot through which the files will be received.

Artificial Intelligence Tab

Neuroartist Tab



The first link is used to display the drawing interface in the browser.



When entering a prompt or drawing, the image preview will be updated periodically. After clicking the "Create" button, the final image will be created.

The prompt consists of 4 optional parts:

- Prompt Before

- Prompt entered by the user
- Prompt from the style
- Prompt After

Prompt input by the user can be disabled. The user can enter a prompt in any language.

Important! You cannot mix different languages in one phrase (a phrase is a part of the prompt between occupied ones).

If no styles have been created, the style selection is not displayed.

All final images can be seen in the gallery, as the final images folder is used as another hot folder.

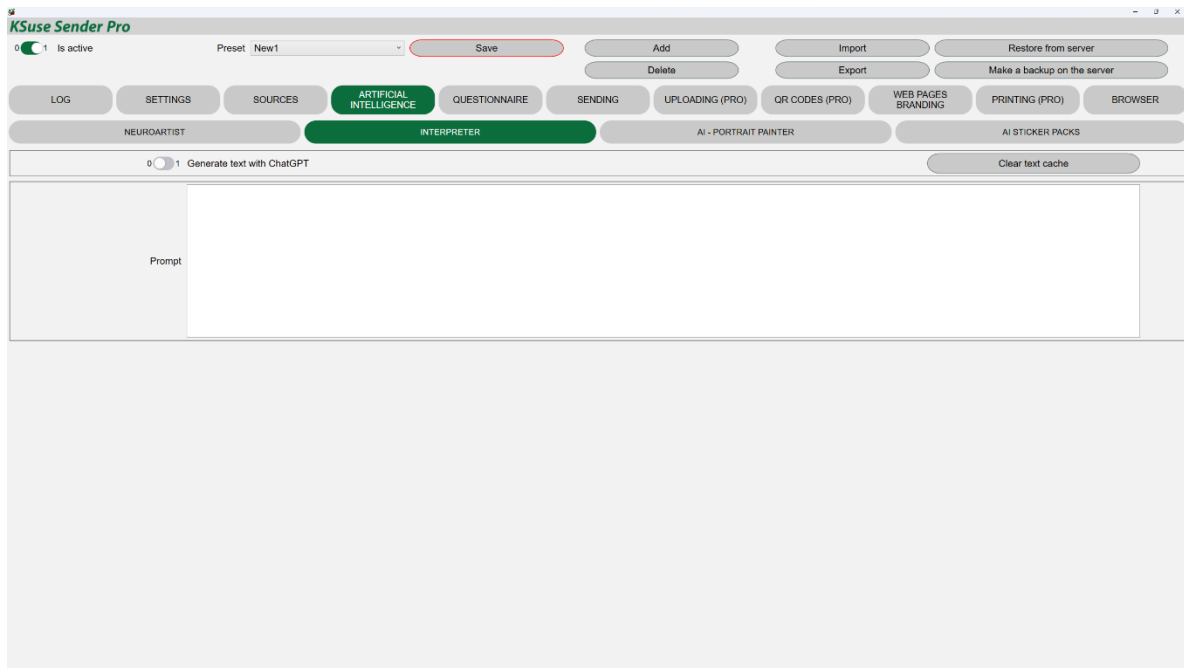
The second link is used to display the final image on the screen, for example, on a video wall. It can be either automatic or at the user's discretion, depending on the "Output result on screen" option set.

Branding of a web page is carried out in the "Web page branding" section.

Additional "Neuroartist" settings:

- Ability to hide the preview and final result using the corresponding buttons.
- Ability to hide the final image after a specified number of seconds.
- Ability to display the preview on a separate page (e.g., on another screen).
- Ability to customize the timeout for waiting for the generation result.
- Ability to place the editor panel at the bottom of the screen.
- Choice of result display mode: Fill, Fit or Stretch.
- Ability to continue the previous drawing session after viewing the final result.
- Choice of interface button colors.
- Customization of the plate colors on the drawing canvas.
- Individual branding for each page (canvas, preview, result).

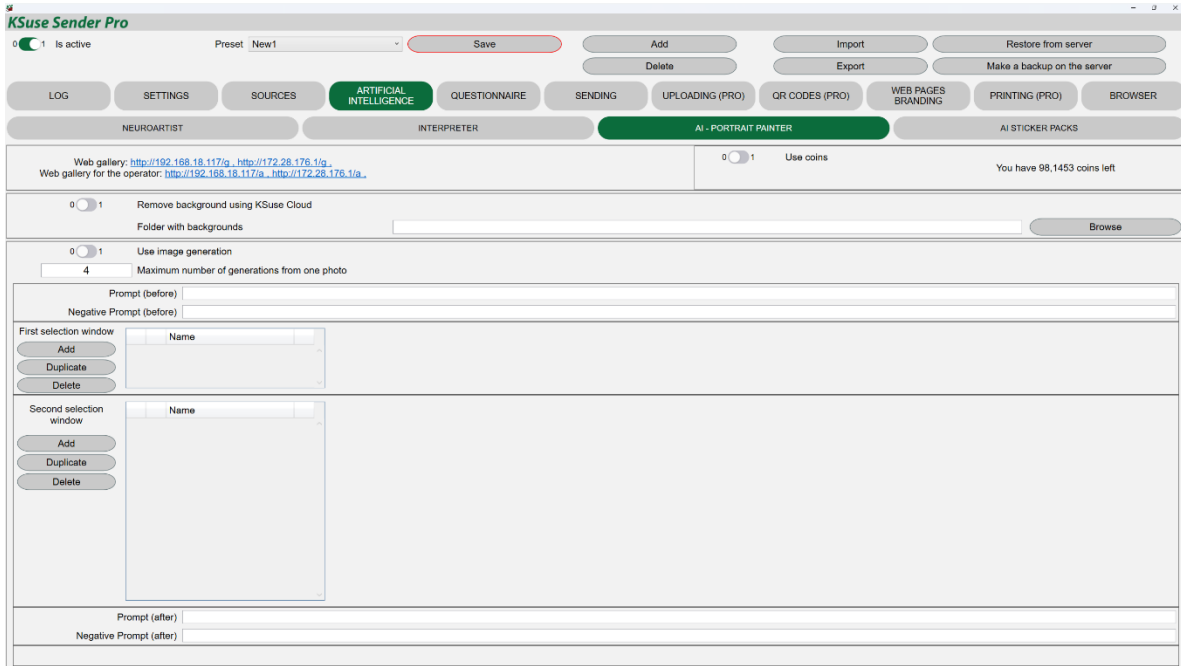
## Interpreter tab



You can create text captions for photos using ChatGPT. You'll need to create a prompt to generate the text.

The ChatGPT response can be used in print branding by adding a text layer with a substitution tag. For preview purposes, you can add a test ChatGPT response.

### AI Portrait Painter Tab



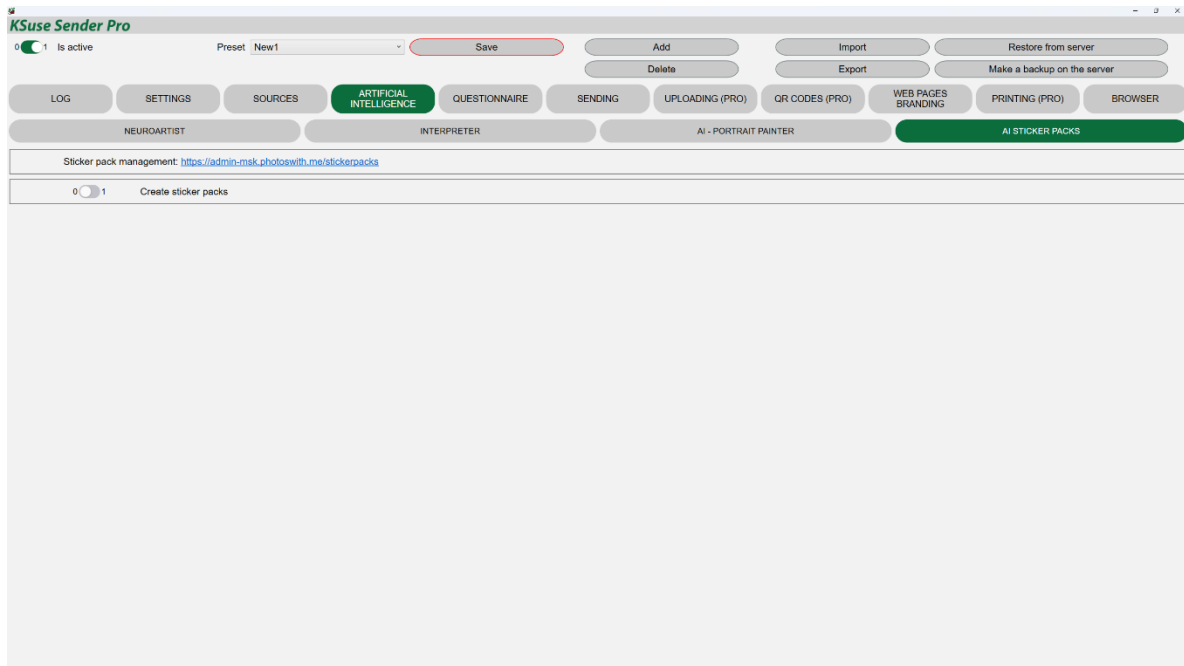
This window allows you to configure photo processing using KSuse AI Cloud.

If you activate background removal using KSuse Cloud and specify a folder with backgrounds, then photo options with all the backgrounds from the specified folder will appear in the gallery in the lower slider.

When generating images using KSuse Cloud, a prompt and a negative prompt are formed in the request, consisting of 4 parts: before + first choice + second choice + after. Parts are optional and therefore may be empty.

Generating images is completely similar to how it is done using KSuse AI Tool.

## Tab "AI Sticker Packs"

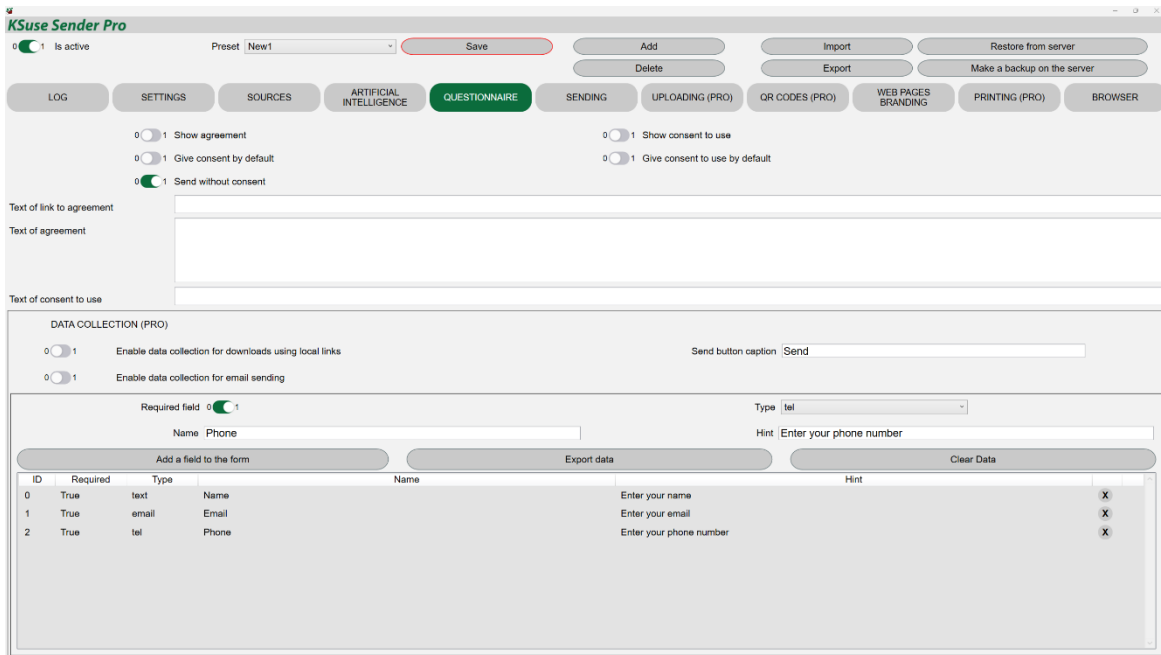


When you enable the creation of sticker packs, the ability to process photos in the gallery in a different way is disabled, and the ability to send and print photos is also disabled.

Sticker packs are managed on the website <https://admin.photoswith.me/stickerpacks>

In the web gallery you can choose which of your active sticker packs you want to create with this photo. After selecting a QR code in place of the file's QR code, a QR code appears with a link to the Telegram bot. When you scan this QR code, the bot writes down which sticker pack you need. He will send it to you when it is ready.

“Questionnaire” tab



For downloading files using local links and when sending via email, it is possible to use visitor data collection.

When the option is activated, the visitor is asked to fill out a form before he can access the file.

In this tab, a list of questionnaire fields is created.

Using the "Export Data" button, you can export in xls format all the data collected using the selected preset.

## Sending Tab

## Email Settings Tab

The screenshot displays the 'Email Settings Tab' in the 'KSuse Sender Pro' application. The interface includes a top navigation bar with buttons for 'LOG', 'SETTINGS', 'SOURCES', 'ARTIFICIAL INTELLIGENCE', 'QUESTIONNAIRE', 'SENDING', 'UPLOADING (PRO)', 'QR CODES (PRO)', 'WEB PAGES BRANDING', 'PRINTING (PRO)', and 'BROWSER'. Below this, there are tabs for 'EMAIL SETTINGS', 'EMAIL TEMPLATES', 'EMAIL DATABASE', 'SMS SETTINGS', 'SMS DATABASE', 'WHATSAPP SETTINGS', and 'WHATSAPP DATABASE'. The 'EMAIL SETTINGS' tab is active, showing the following configuration options:

- Enable sending:
- Automatically resend:
- SMTP timeout (in seconds): 360
- Send through SendGrid:
- SendGrid API Key: [Masked]
- Sender's name (for SendGrid): Konstantin
- Sender's email address (for SendGrid): yakonrus@gmail.com
- Mailbox: 2
- Is active:
- Sender's name: Konstantin <yakonrus@gmail.com>
- Mail server: smtp.gmail.com
- Login: yakonrus@gmail.com
- Password: [Masked]
- Smtp port: 587
- SSL (TLS):

To send via SendGrid, you need to create an API key in your account and copy it to the program settings.

The "Automatic resending" option allows automatic repeated attempts to send messages with the "Error" status. Attention! Sharp increase in traffic volume with unstable internet connection is possible.

When entering the data of several mailboxes, the program will send emails in turn from each. **In the Free version, sending is done from only one mailbox.**

If the "Login" field contains the full email address, then in the "Sender's name" field you can simply enter a display name. If the login is not equal to the e-mail address, then in the field "Sender's name" you must enter the e-mail from which the sending will be made in square brackets. For example: Konstantin <yakonrus@gmail.com>. The specified email must match the account on the mail server.

### SSL connection on port 465 is not supported!

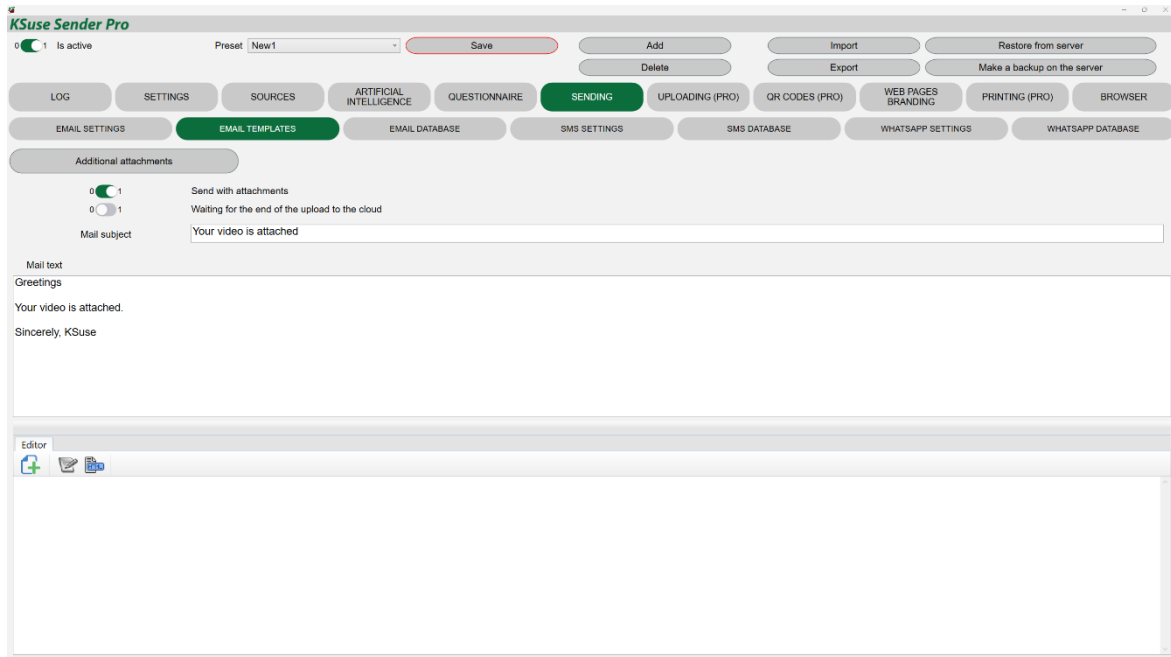
Gmail requires you to use a secure app password instead of your account password. To use Gmail, you need to enable two-factor authentication and create an app password:

<https://myaccount.google.com/signinoptions/two-step-verification>

<https://myaccount.google.com/apppasswords>

You must use the created app password instead of your account password.

## Templates Tab



It is possible to obtain two consents from the user. The first of these can be made mandatory.

There are 3 types of email templates: "Template is not used", "The template is used to send in the Sender", "The template is used to send on the site".

Saving a template with one of the last 2 types, automatically sets the "Template not used" type for the previously selected one with the same type.

If a template for sending is not selected, then email will not be placed in the sending queue.

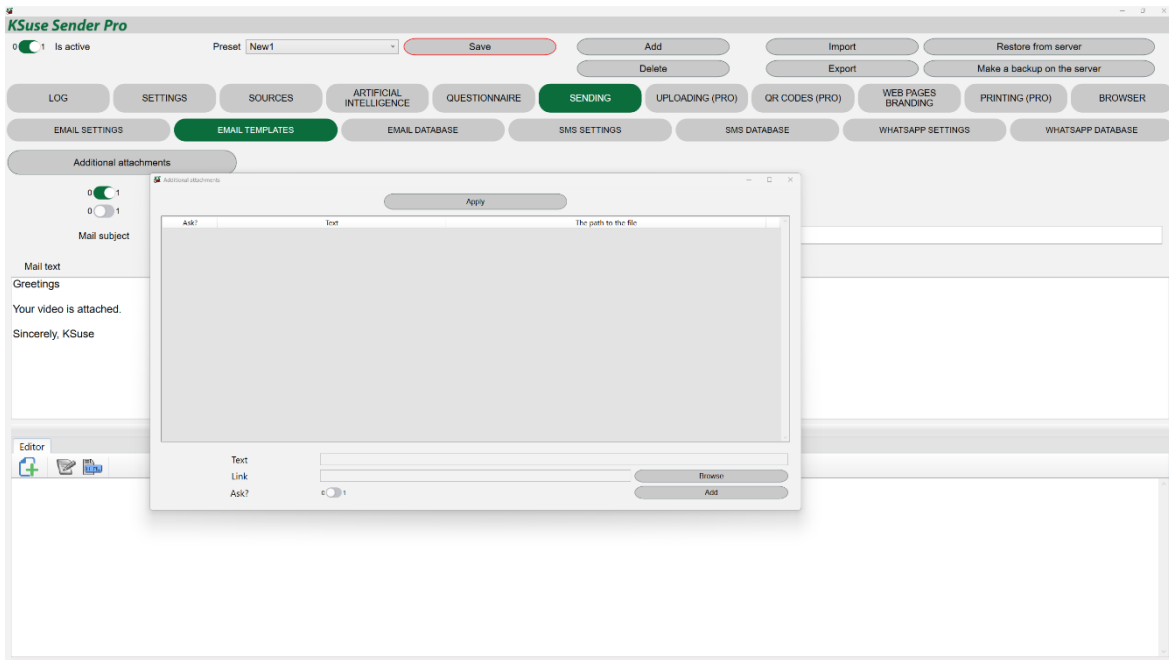
The template has the ability to enable / disable the attachment of files to the email.

Auto replace tags:

- {InternetGalleryLink} - link to the Internet gallery
- {InternetGalleryPhotoLink} - link to the file in the Internet gallery
- {CloudGalleryLink} - link to a folder in Dropbox / Google Drive
- {CloudFileLink} - link to file in Dropbox / Google Drive
- {GoogleDriveGalleryLink} – link to a folder in Google Drive
- {GoogleDriveFileLink} – link to file in Google Drive
- {DropboxGalleryLink} – link to a folder in Dropbox
- {DropboxFileLink} – link to file in Dropbox

**Attention! The visual editor makes changes to the code. If you want to keep the text unchanged, then do not switch to the visual editor mode.**

### Additional Attachments Window

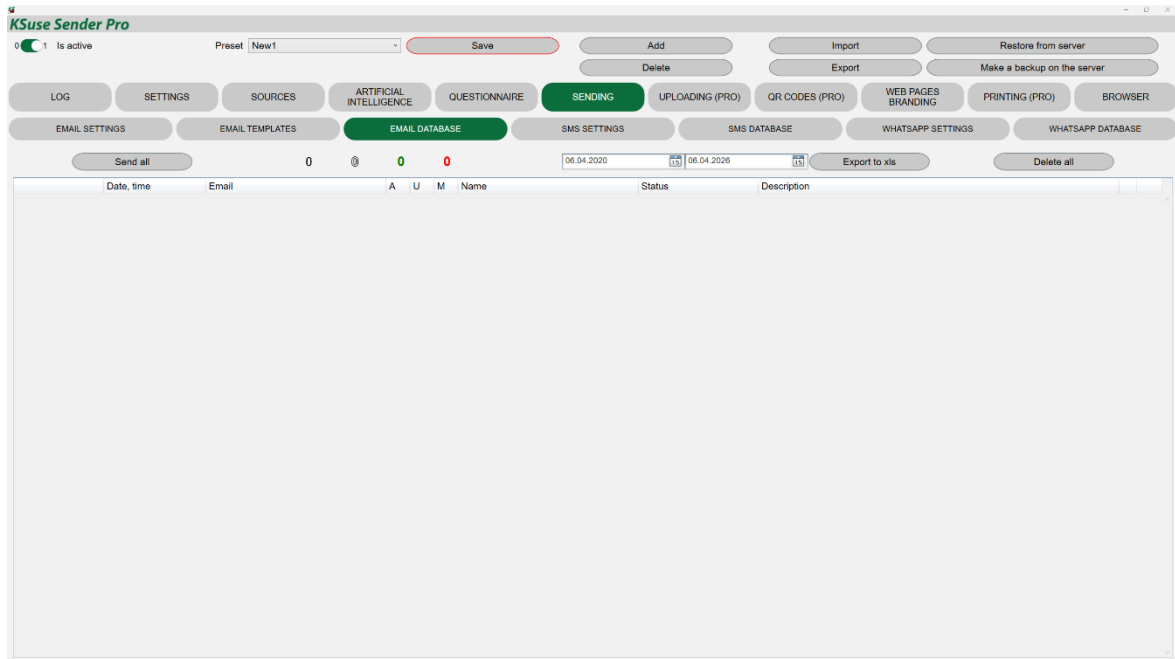


In this window, you can add additional attachments to emails.

Attachments with the value "Ask?" equal to 0 will always be added to the email.

If the value 1 is selected, then in galleries version 2 and 3, under the field for entering an e-mail address, checkboxes with a comment specified in the "Text" field will be displayed. The attachment will be added to the email only if the guest leaves the checkbox checked.

## Email Database Tab



In this window, you can see the status of all sent emails in the selected date range and resend if necessary.

The width of the columns can be changed by moving the separators in the table header.

The “Send All” button re-sends all emails for the specified date interval except those already sent. While holding down the Shift key, all messages are resent, including those successfully sent.

In the table you can change the email address of the recipient and the number of the template.

“A” - whether consent was given to the processing of personal data

“U” - was consent to the use of the video given

"T" - email template number

"M" - mailbox number

You can delete an error line by selecting and pressing the Delete key, or by pressing the X button in the desired line.

Black number - total emails

White number - sending

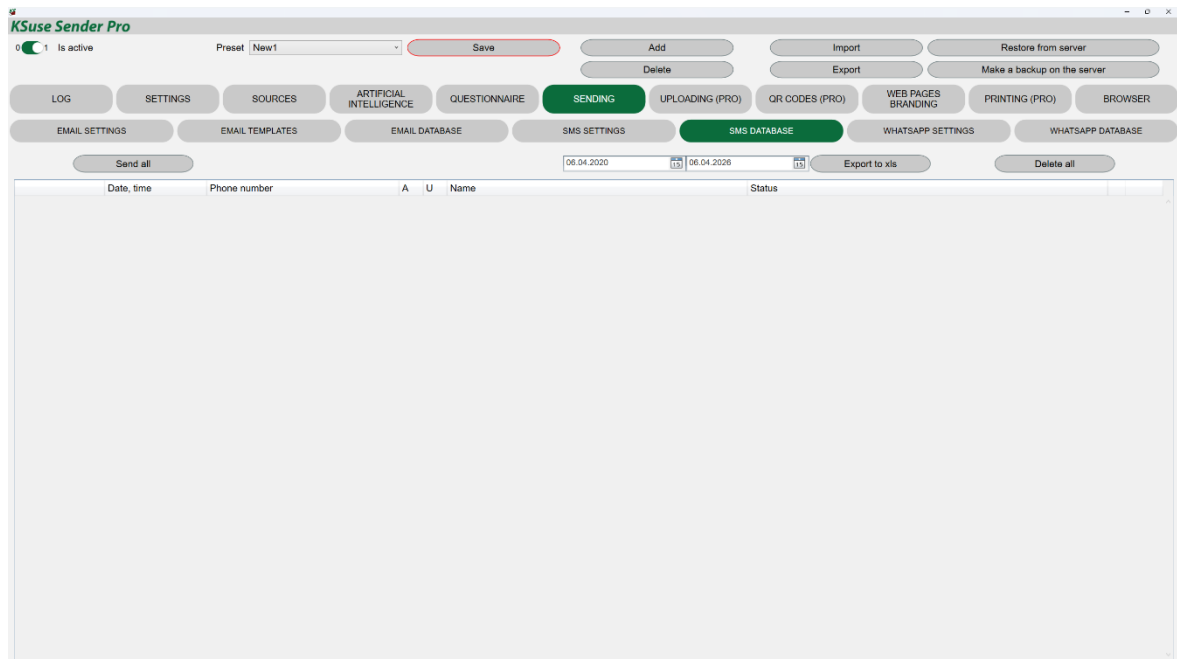
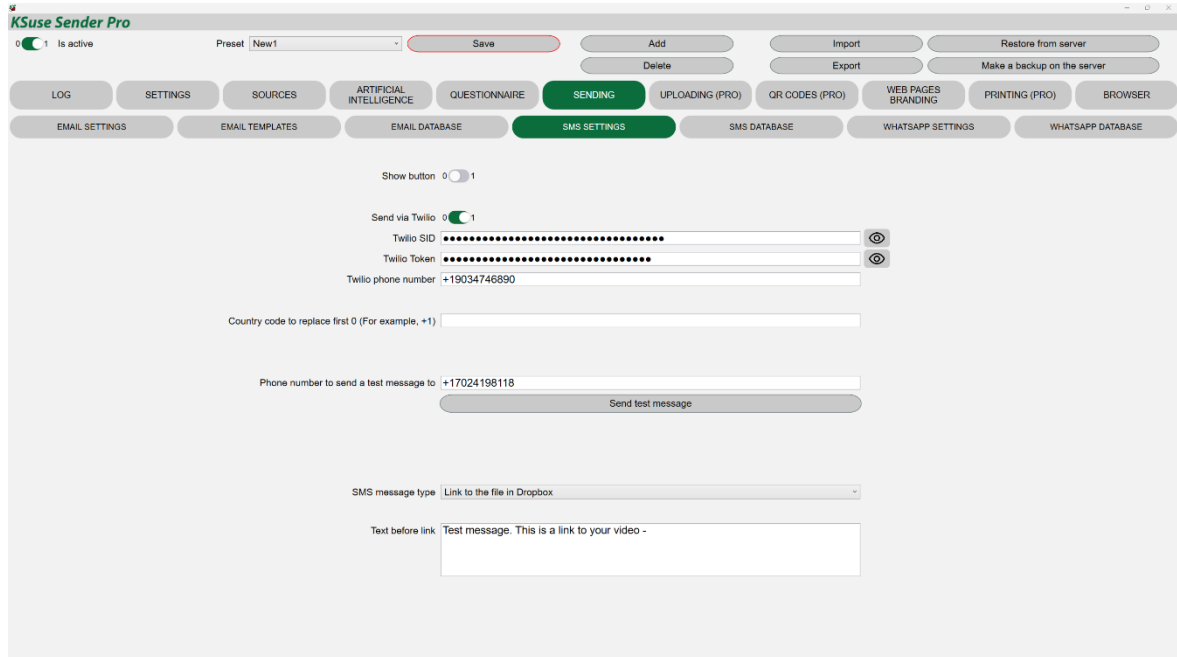
Green number - sent

Red number – errors

If all the specified file types were found, the line gets the green status “Sent”.

If no necessary attachments are found, then the line receives a blue status of “Missing file”.

SMS tab



Using this block, it is possible collect phone numbers for manual sending or use the Twilio service to send SMS.

You cannot send a large amount of data in SMS. Accordingly, not the files themselves are sent in SMS, but links to those uploaded to cloud services. Before using sending links via SMS, you need to set up file uploads to one of the cloud services.

SID, Token and phone number must be copied from your Twilio account.

<https://console.twilio.com/>

If visitors enter a phone number with a leading 0 when sending, then that 0 will be replaced with the default country code.

In the message log, you can see message statuses and error descriptions:

<https://console.twilio.com/us1/monitor/logs/sms>

You can select allowed countries for sending messages on the page:

<https://console.twilio.com/us1/develop/sms/settings/geo-permissions>

## WhatsApp Tab

The screenshot shows the 'WhatsApp Settings' tab in the KSuse Sender Pro application. The interface includes a top navigation bar with buttons for 'LOG', 'SETTINGS', 'SOURCES', 'ARTIFICIAL INTELLIGENCE', 'QUESTIONNAIRE', 'SENDING', 'UPLOADING (PRO)', 'QR CODES (PRO)', 'WEB PAGES BRANDING', 'PRINTING (PRO)', and 'BROWSER'. Below this, there are sub-tabs for 'EMAIL SETTINGS', 'EMAIL TEMPLATES', 'EMAIL DATABASE', 'SMS SETTINGS', 'SMS DATABASE', 'WHATSAPP SETTINGS', and 'WHATSAPP DATABASE'. The main content area contains the following settings:

- Show button:** A toggle switch set to '1'.
- Sand via Twilio:** A toggle switch set to '1'.
- Twilio SID:** A text input field with a masked value (dots).
- Twilio Token:** A text input field with a masked value (dots).
- WhatsApp phone number:** A text input field containing '+381629385345'.
- Country code to replace first 0 (For example, +1):** A text input field containing '+7'.
- Phone number to send a test message to:** A text input field containing '+79263706323'.
- Send test message:** A button.
- WhatsApp message type:** A dropdown menu set to 'Link to the file in Dropbox'.
- Text before link:** A text input field containing 'Test message. This is a link to your video -'.

The screenshot shows the 'WhatsApp Database' tab in the KSuse Sender Pro application. The interface includes a top navigation bar with buttons for 'LOG', 'SETTINGS', 'SOURCES', 'ARTIFICIAL INTELLIGENCE', 'QUESTIONNAIRE', 'SENDING', 'UPLOADING (PRO)', 'QR CODES (PRO)', 'WEB PAGES BRANDING', 'PRINTING (PRO)', and 'BROWSER'. Below this, there are sub-tabs for 'EMAIL SETTINGS', 'EMAIL TEMPLATES', 'EMAIL DATABASE', 'SMS SETTINGS', 'SMS DATABASE', 'WHATSAPP SETTINGS', and 'WHATSAPP DATABASE'. The main content area contains a table with the following columns: 'Date, time', 'Phone number', 'A', 'U', 'Name', and 'Status'. There are also buttons for 'Send all', 'Export to xls', and 'Delete all'.

Date, time	Phone number	A	U	Name	Status
06.04.2020					
06.04.2026					

Using this block, it is possible to collect phone numbers for manual sending or use the Twilio service to send messages to WhatsApp.

In your Twilio account, you need to link your Meta business account.

<https://console.twilio.com/us1/develop/sms/senders/whatsapp-senders>

It is also necessary to approve the template of your message.

<https://console.twilio.com/us1/develop/sms/senders/whatsapp-templates>

**Attention! The text of the message in Sender must exactly match one of the templates that passed the test!**

**{{1}} will be replaced with a link.**

SID, Token and WhatsApp phone number must be copied from your Twilio account.

If visitors enter a phone number with a leading 0 when sending, then that 0 will be replaced with the default country code.

Before using sending links via SMS, you need to set up file uploads to one of the cloud services.

In the web gallery, you can display a QR code for sending a file via WhatsApp. The QR code is displayed after the file is uploaded to the cloud and contains the link specified in the QR code settings.

## Uploading Tab

In this window, you can configure automatic uploading to the following cloud services: Dropbox, Google Drive, Yandex.Disk, Photoswith.me

You can use your own bot.

You can create your own bot in Telegram using the bot <https://t.me/BotFather>

It is best to search for a description of how to set up bots in Google.

Important! The functionality of the bot is limited to the operations of receiving and sending files, the server does not support the ability to create a menu in the bot.

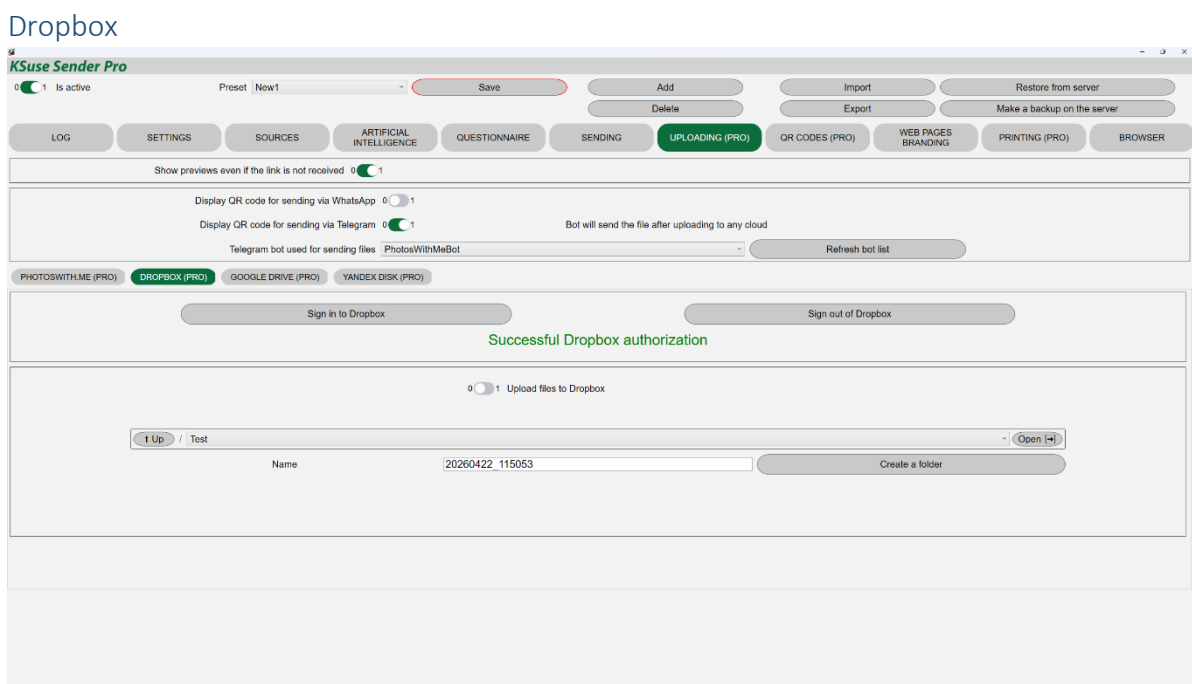
In fact, you only set up the username, display name, icon and description in the bot.

Next, you need to add the bot to the list on the page: <https://admin.photoswith.me/tgbots>

Here you copy the username of your bot without @ and the token of your bot from <https://t.me/BotFather>

On the same page, you can change the texts that the bot sends.

After that, you can update the list of bots in Sender and select the bot through which the files will be sent.




**Uploading to Dropbox in Sender Free is presented in demo mode and is limited to 10 files.**

To upload files to Dropbox, you need to connect the KSuse Sender 2 app to your Dropbox account.

Clicking the "Sign in to Dropbox" button opens a page on the Dropbox site where you need to allow the app to access your account.



 Konstantin Kuyukov ▾



**Before you connect this app...**

Make sure that you know and trust this developer. Allowing apps from developers you don't know may put your data at risk.


Why am I seeing this warning?

This app only has a small number of users and may not be the app you were intending to link.

Click **Cancel** if you are unsure whether you should be connecting an app to your Dropbox account. You can also find out more about [what to look for when connecting an app](#).



 Konstantin Kuyukov ▾



**KSuse Sender** would like to:

- **Edit** content of your Dropbox files and folders, **view** content of your Dropbox files and folders, and **view and edit** information about your Dropbox files and folders
- **View and manage** your Dropbox sharing settings and collaborators
- **View** basic information about your Dropbox account such as your username, email address and country

[Learn about permissions](#)

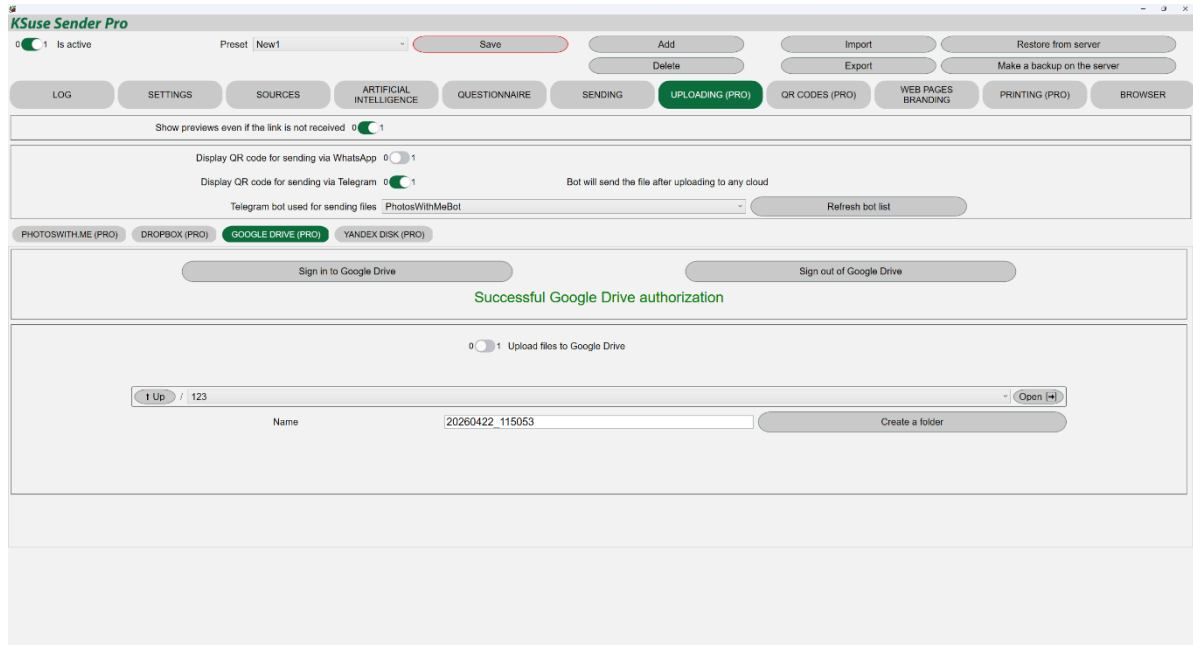
You can disconnect apps at any time in [connected apps](#) within your account settings.

Next, you need to create and select a folder for uploading files and save the preset.

It is possible to create subfolders within the selected upload folder. This allows you to organize files by events or dates.

If set to display only QR code of a file with a link to Dropbox, in the web gallery files will not appear until they are uploaded to Dropbox.

## Google Drive



**Uploading to Google Drive in Sender Free is presented in demo mode and is limited to 10 files.**

Before configuring the upload, you must make the preset active.





To upload files to Google Disk, you need to connect the KSuse Sender application to your account.

When you click on the "Sign in to Google Drive" button, a page on the Google website opens, where you need to allow the application to access your account.

Sign in with Google

### Choose an account

to continue to [KSuse Sender](#)

-  **Konstantin Kuiukov**  
yakonus@gmail.com
-  **Konstantin Kuyukov**  
ksusefriends@gmail.com
-  **Test Mail Settings**  
testmailset.ksuse@gmail.com
-  **Use another account**

Before using this app, you can review KSuse Sender's [privacy policy](#) and [Terms of Service](#).

English (United Kingdom) ▾      Help   Privacy   Terms

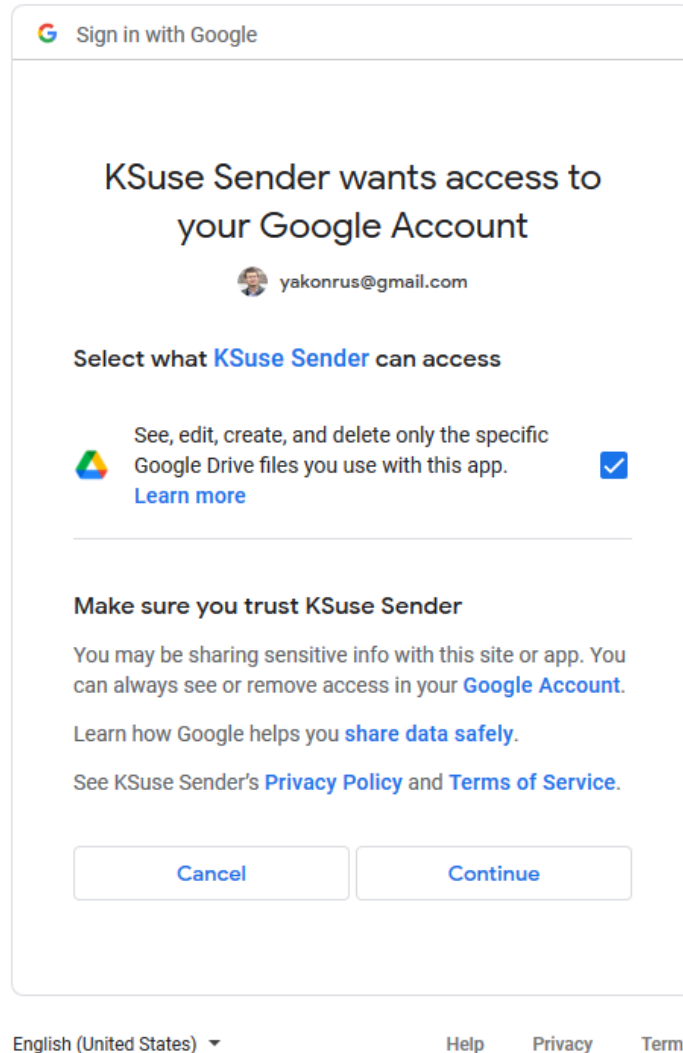
Google

### Google hasn't verified this app

You've been given access to an app that's currently being tested. You should only continue if you know [the developer](#) that invited you.

[Continue](#)      [Back to safety](#)

English (United Kingdom) ▾      Help   Privacy   Terms

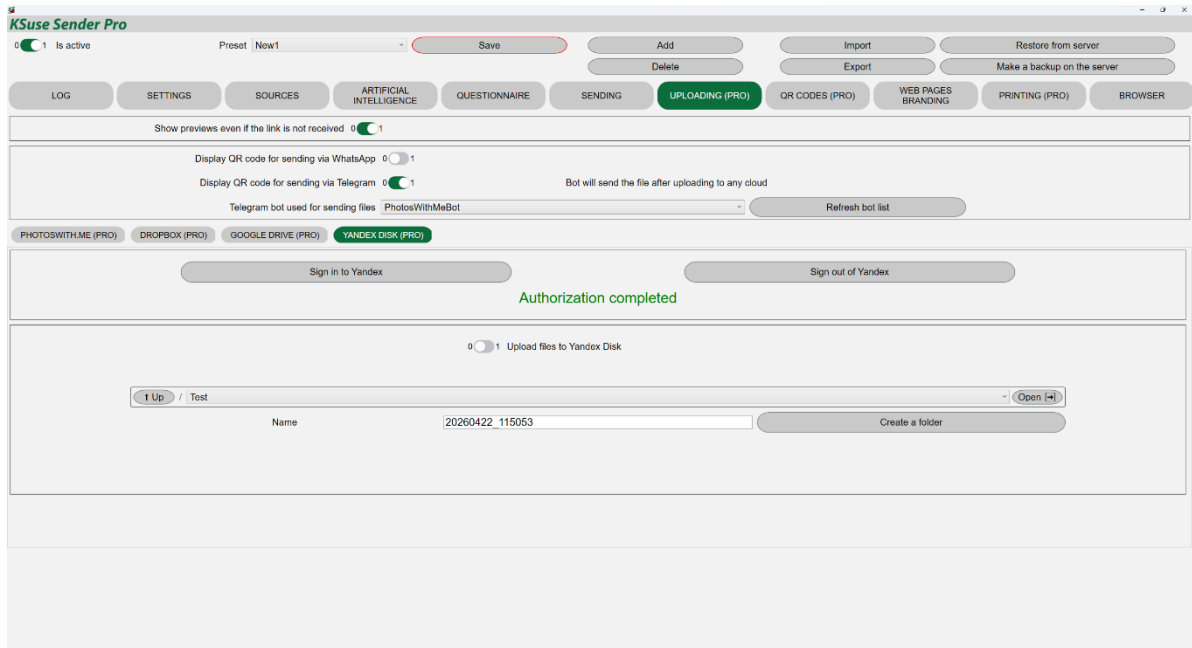


Next, you need to create a folder for uploading files, select it and save the preset.

It is possible to create subfolders within the selected upload folder. This allows you to organize files by events or dates.

If set to display only QR code of a file with a link to Google Drive, in the web gallery files will not appear until they are uploaded to Google Drive.

## Yandex Disk



**Uploading to Yandex Disk in Sender Free is presented in demo mode and is limited to 10 files.**

Before configuring the upload, you must make the preset active.

To upload files to Yandex Disk, you need to connect the Ksuse Sender application to your account.

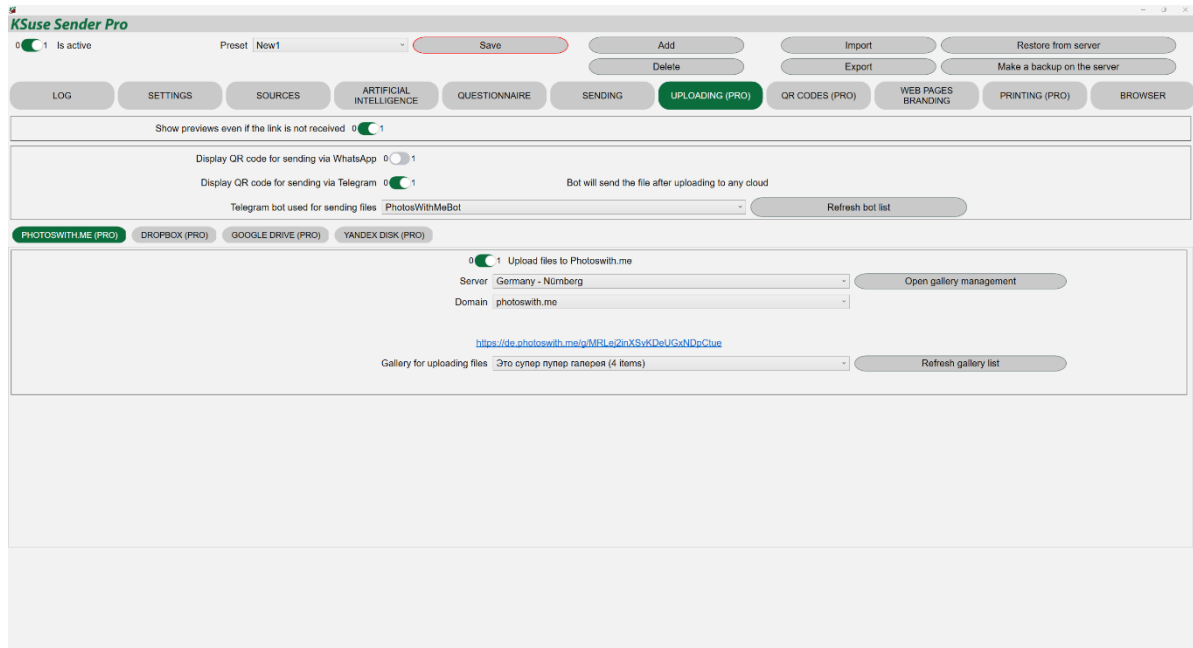
When you click on the "Sign in to Yandex" button, a Yandex page opens in the built-in browser, where you need to allow the application to access your account.

Next, you need to create a folder for uploading files, select it and save the preset.

It is possible to create subfolders within the selected upload folder. This allows you to organize files by events or dates.

If set to display only QR code of a file with a link to Yandex Disk, in the web gallery files will not appear until they are uploaded to Yandex Disk.

## Photoswith.me



Galleries are created and configured at: <https://admin-de.photoswith.me/gal2>

The site uses the same login and password as in Ksuse Manager.

## Tab "QR codes"

On this page you can export the QR code of the gallery for printing.

And also enable / disable the display of QR codes of the gallery and files in the built-in and web galleries, as well as on other pages.

You can upload photos to the online gallery, Dropbox and Google Drive at the same time. In the settings of QR codes, you must select which links are used.

It is possible to display QR codes on the "last" and "carousel" web pages. This window enables the output of QR codes and configures their size and position on the page. After making changes, you need to refresh the web page.

On the "last" and "carousel" web pages, you can display a QR code for uploading files via WiFi. The visitor can scan this QR code to open the file upload page.

You can also display a QR code on web pages for uploading photos to the gallery via the Telegram bot.

QR codes can use direct links to download files from cloud services (Dropbox, Google Drive, Yandex Disk) and from the gallery on photoswith.me.

It is also possible to use shortened links (redirect via photoswith.me) for better QR code readability.

**Attention! Direct links to download files from Yandex Disk only work when using shortened links.**

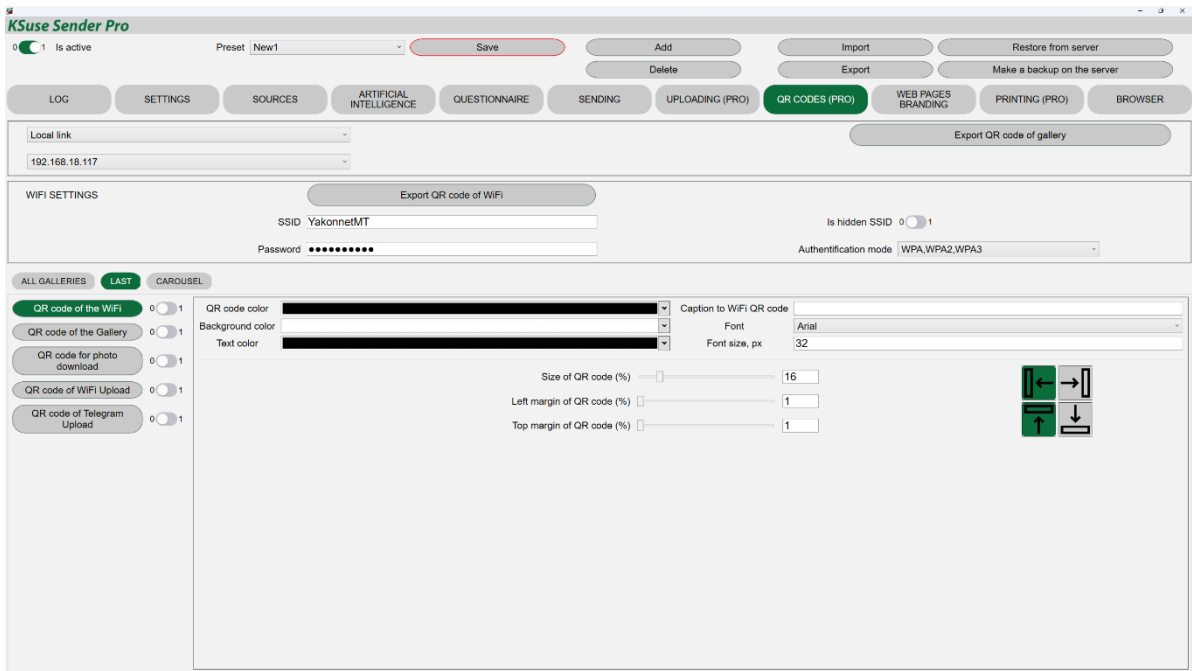
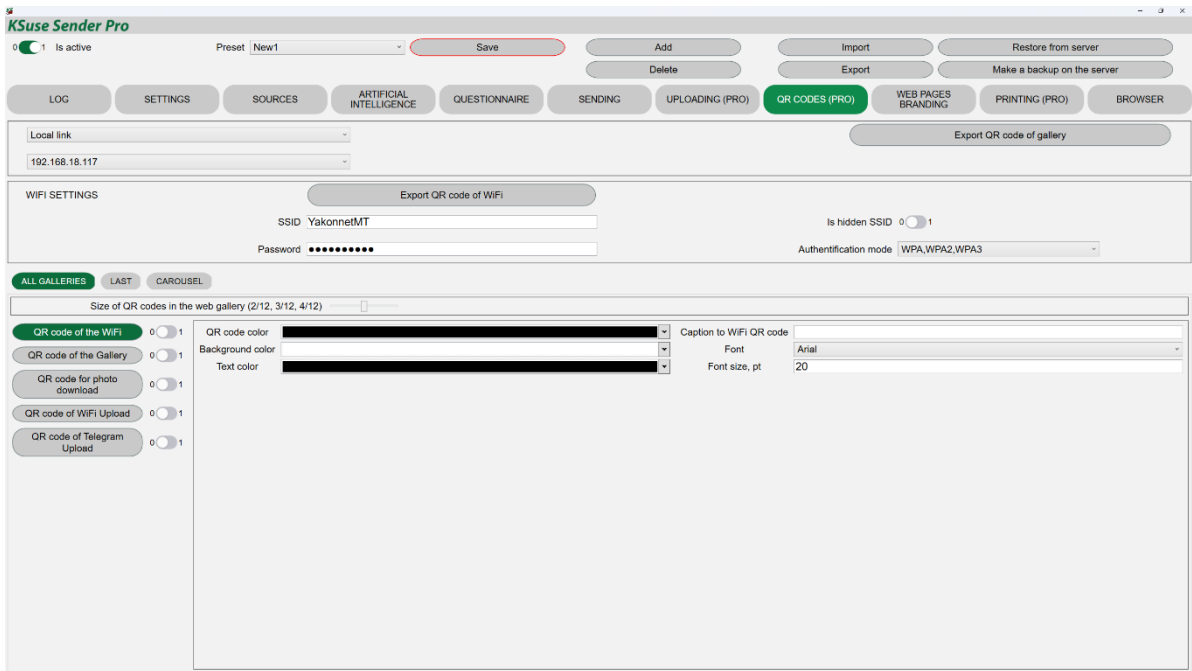
**To use local links, you need to set up guest WiFi, that is, guests must be on the same network as the computer running Sender.**

When using local links in the selector, you must select the IP address that works in this WiFi network.

**In the Free version, local links work in demo mode. They always open the same first file.**

It is recommended to always create a WiFi network with a password, android may not connect to the network if there is no password.

It is also recommended to leave Internet access on your Wi-Fi network, since, again, a number of phone models can ignore a Wi-Fi network that does not provide Internet access. It is recommended to greatly limit the speed of Internet access for all devices except your own, thereby reducing the Internet. But they won't be able to spend it.

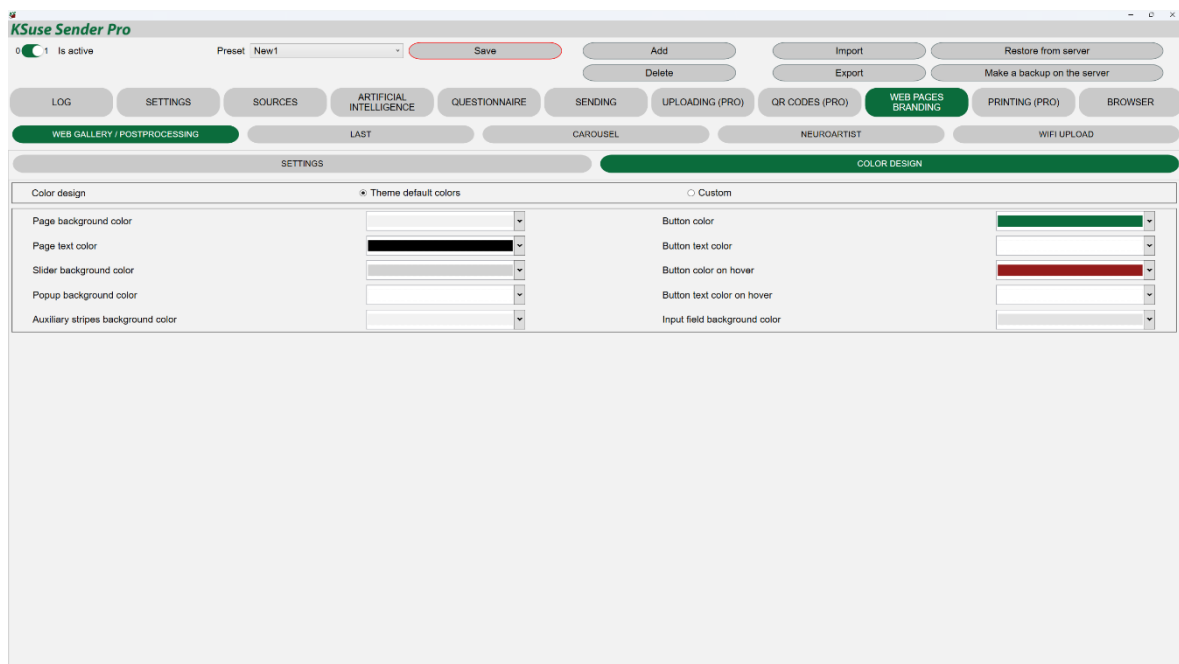
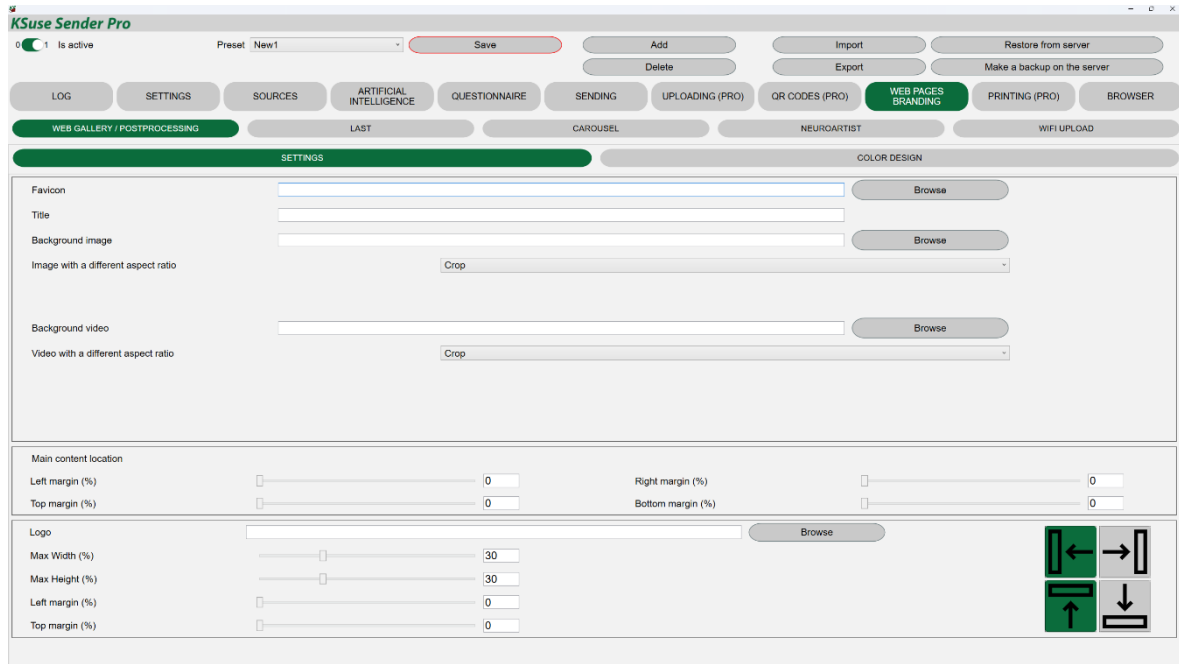


The screenshot displays the 'KSuse Sender Pro' application window. At the top, there is a navigation bar with buttons for 'LOG', 'SETTINGS', 'SOURCES', 'ARTIFICIAL INTELLIGENCE', 'QUESTIONNAIRE', 'SENDING', 'UPLOADING (PRO)', 'QR CODES (PRO)', 'WEB PAGES BRANDING', 'PRINTING (PRO)', and 'BROWSER'. Below this, there are sections for 'Local link' (with a dropdown menu showing '192.168.18.117') and 'WIFI SETTINGS'. The 'WIFI SETTINGS' section includes an 'Export QR code of WiFi' button, 'SSID: YakonnetMT', 'Is hidden SSID' (toggle set to 1), 'Password' (masked with dots), and 'Authentication mode' (set to 'WPA,WPA2,WPA3').

The main area is titled 'CAROUSEL' and contains several settings for QR codes:

- Four toggle switches on the left: 'QR code of the WiFi' (checked), 'QR code of the Gallery' (checked), 'QR code for photo download' (unchecked), and 'QR code of WiFi Upload' (unchecked).
- Fields for 'QR code color', 'Background color', and 'Text color' (all currently black).
- Fields for 'Caption to WiFi QR code', 'Font' (set to 'Arial'), and 'Font size, px' (set to '32').
- Three sliders for 'Size of QR code (%)' (set to 16), 'Left margin of QR code (%)' (set to 1), and 'Top margin of QR code (%)' (set to 1).
- A set of four directional arrow icons (left, right, up, down) for navigation.

## Web Page Branding Tab



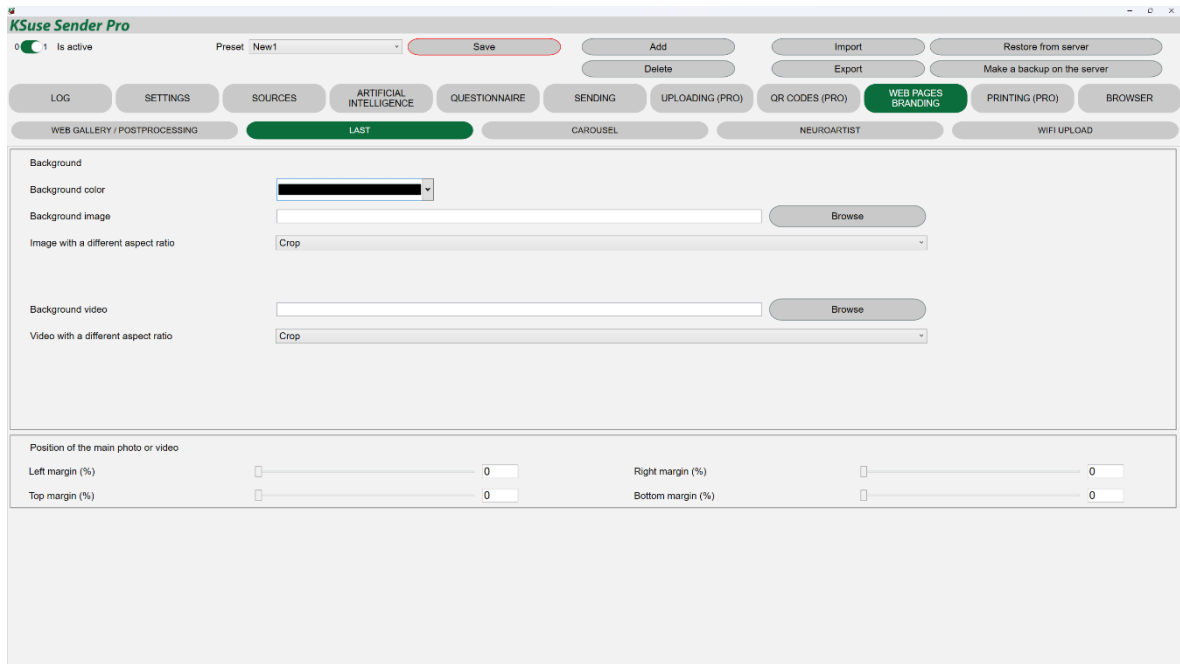
In this window, you can configure the display of the web gallery.

In the first tab, you can change the page title and icon.

When adding a background image or background video, it is possible to adjust its position on the page. The background image can be fit, stretched, or pasted at its original dimensions.

When adding a logo, specify the size and location of the area in which this logo will be inscribed. It is also possible to add padding from the edge of the page to the main content so that the logo does not overlap the important elements of the page.

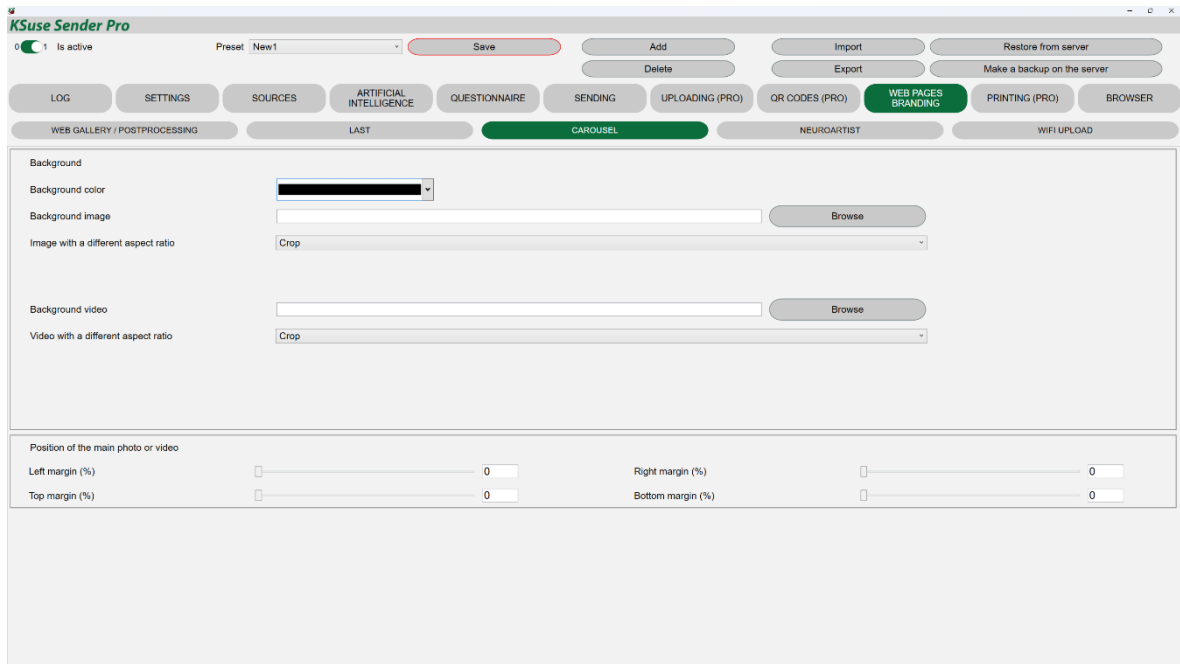
In the second tab, you can activate custom colors and select the colors of the elements you need.



In this window, you can configure the display of the "last" page.

You can change the background color, add a background image and/or a background video. Images and videos can occupy both the entire screen and part of it, thanks to the location settings.

It is also possible to change the size and location of the output image, video.

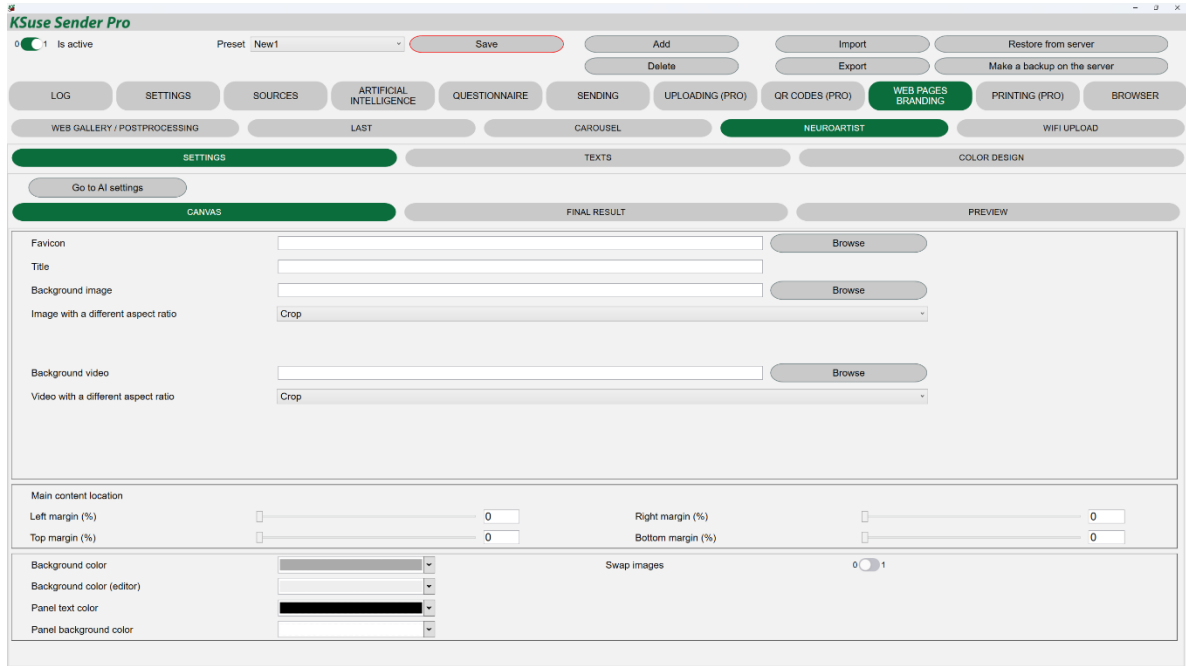


In this window, you can configure the display of the "carousel" page.

You can change the background color, add a background image and/or a background video. Images and videos can occupy both the entire screen and part of it, thanks to the location settings.

It is also possible to change the size and location of the output image, video.

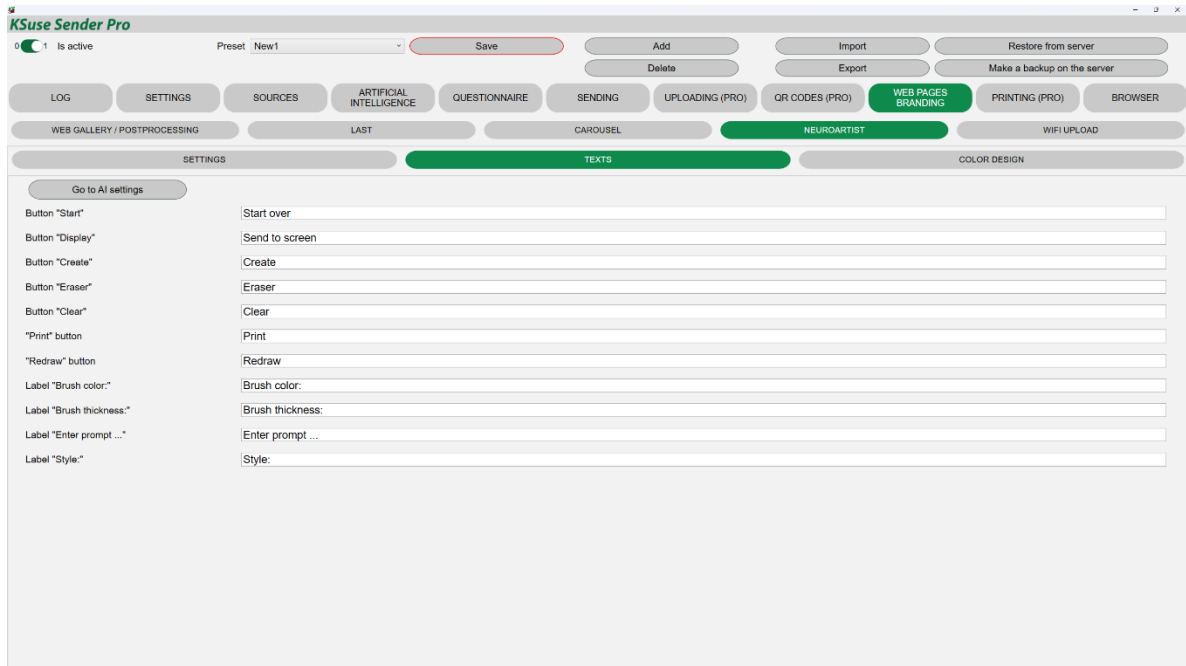
Neuroartist Tab



In this window, you can customize the display of the Neuroartist page.

You can change the background color, add a background image and/or background video. Images and videos can occupy either the entire screen or part of it, thanks to the location settings.

It is also possible to change the size and location of the drawing area.



In this window, you can change the texts on the page.

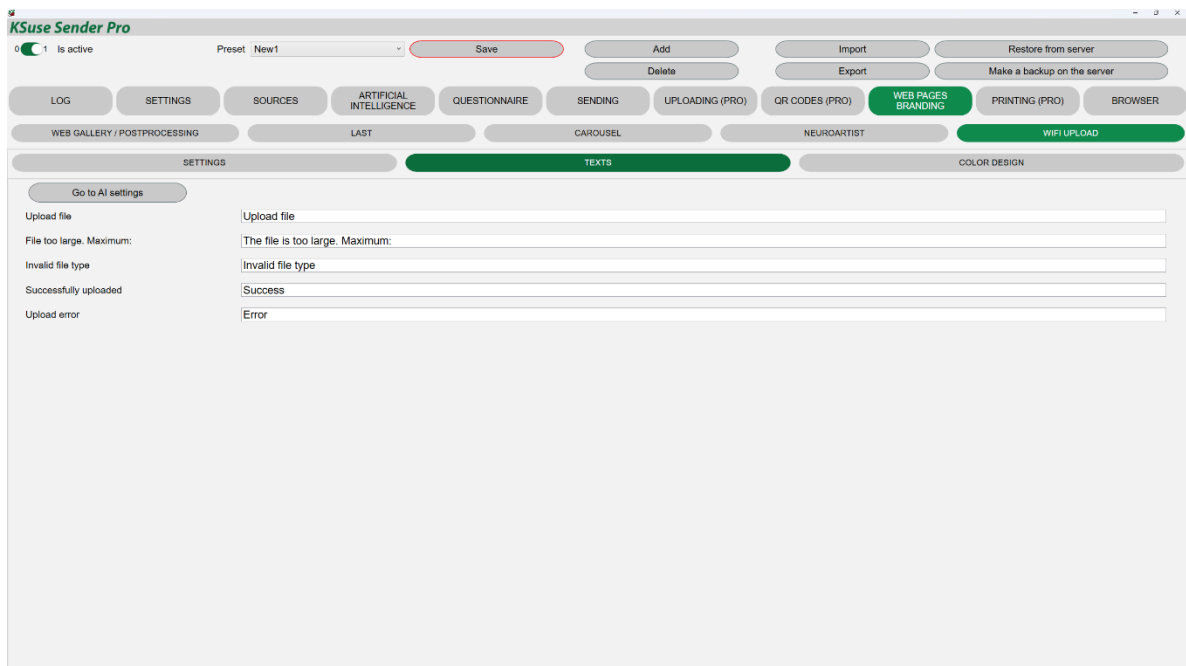
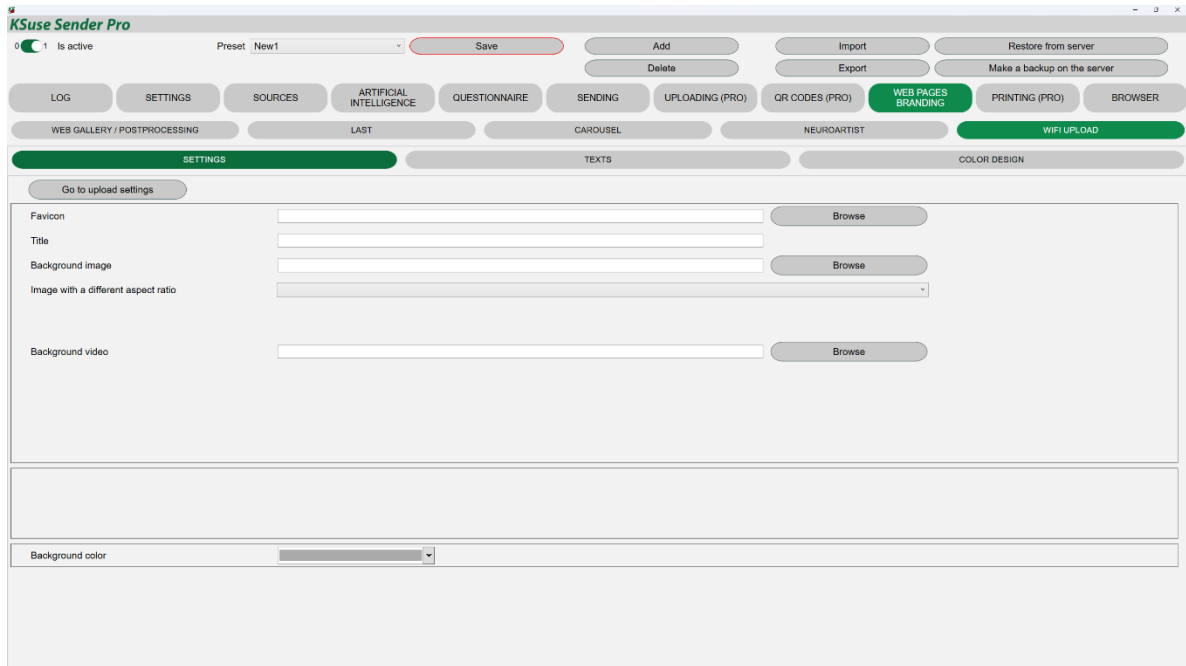


### WiFi Upload Tab

In this window, you can customize the display of the WiFi file upload page.

You can change the background color, add a background image and a logo. It is also possible to change the page title and text labels on it.

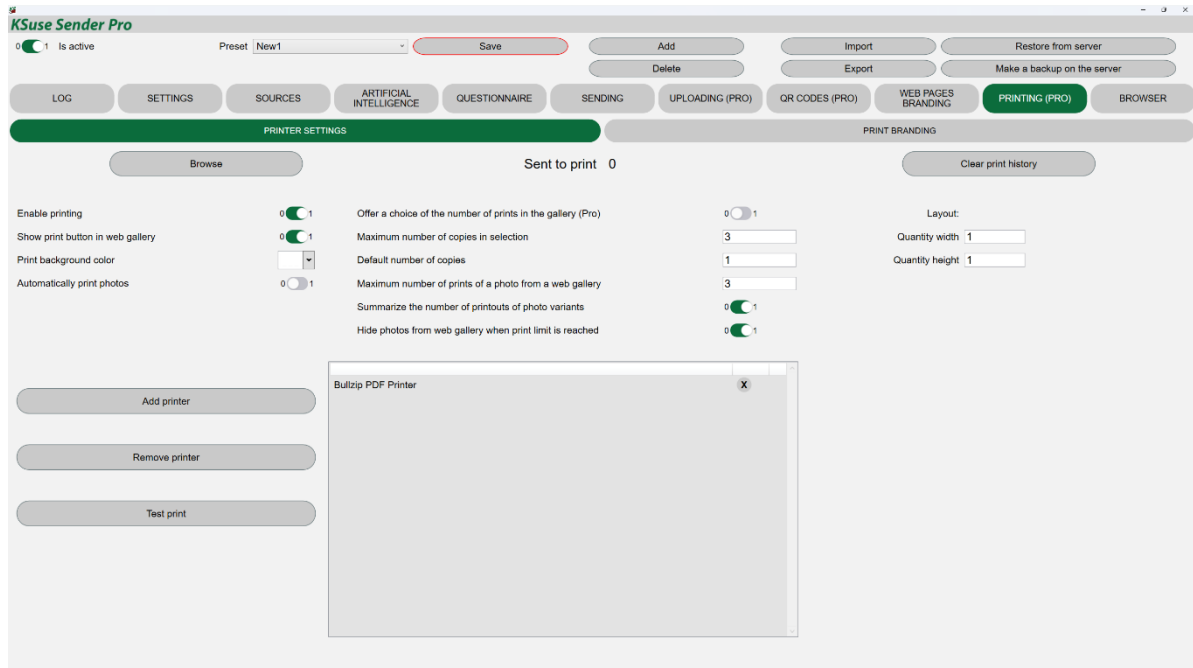
Changes are applied after refreshing the upload page in the browser.





## Printing Tab

## Printer settings



Photos for printing are selected through the web gallery.

When printing is on, photos are automatically sent to the printers added to the list. Print jobs are sent to each printer in turn. Printers in offline state are skipped.

**Do not enable the "Printing enabled" option if printers are currently unavailable!**

**Attention! Paper size and orientation is defined in the printer settings in Windows! These parameters must be the same on every printer added to the list!**

Using the "Margins" and "Layout" settings you can place several photos on one printed sheet.

Margins are not related to margins in printer settings! These are additional indents of the photo from the edge of the sheet.

Margins are configured separately for each printer in the list.

Fields are filled with the color selected in the "Print background color".

By setting the margins in the program, you can eliminate the cropping of the photo by the printer. If the printer cuts the photo, first increase the margins to such a value that they appear on the print, and then reduce them exactly as far as they are visible.

With the help of the option "Offer a choice of the number of prints in the gallery" it is possible to enable the output of the selector of the number of printed copies in the built-in and web galleries. The limitation of the number of copies and the default value are also set here.

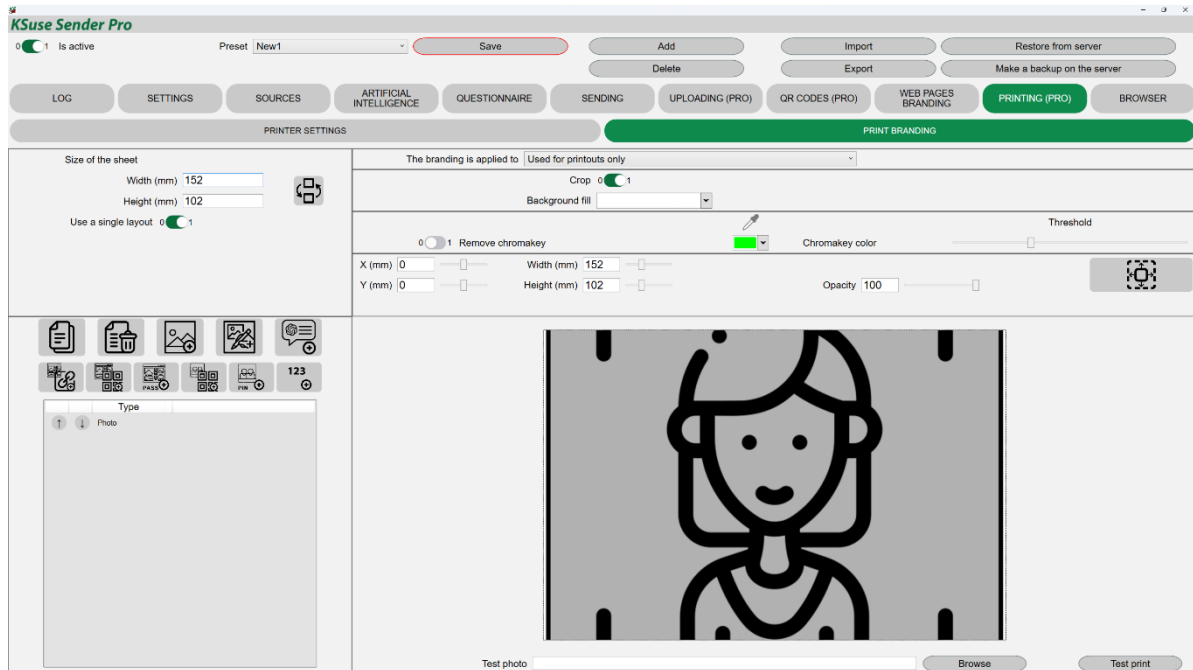
When the option "Automatically print photos" is enabled, the photo will be printed in the quantity specified in the "Number of copies by default" immediately after adding to the gallery.

It is possible to limit the number of prints of one photo from a web gallery.

The program keeps a list of all printed files.

Before starting a new event, it is recommended to clear the history, as automatic printing checks if this file has already been printed in the print history.

## Print branding



The generated print size is set (the actual size depends on the printer settings) in this tab, the size and position of the photo on the print.

If you turn off the “Use a single layout” option, then you will be able to create different branding for vertical and horizontal photos. The sheet size above will define the sheet for vertical and square photos, and for horizontal photos will use the same size but rotated 90 degrees.

Graphics are added by adding image layers.

If the option "Background" is turned off, the image is overlaid on top of the photo.

When the option "Background" is on, the photo is displayed in areas not taken by the photo and instead of the remote chromakey.

You can upload a test photo to customize branding.

Moving the current layer is done with the left mouse button, or by changing the values of the "X", "Y" fields.

You can scale the current layer using the mouse wheel.

The order of layers can be changed. The higher layer in the list overlaps the lower one.

It is also possible to add QR codes, link, password and pin code of the Internet gallery to the photo. It is recommended to turn off the display of QR codes in galleries so that they do not duplicate those overlaid on photos.

**Attention! Local links do not work outside of the current local network. Use QR code printing with these links only when you really need to.**

You can set the background color of the printout outside the photo.

“Do not brand” - Preset not applied.

“Used for printouts only” - Only the printout is branded.

“Used for printouts and for previews in galleries” - Both the printout and the photo in the gallery are branded. The branded preview and the original photo are displayed.

“Used for printouts and for previews and photos in galleries” - Both the printout and the photo in the gallery are branded. A branded preview and a branded photo are displayed.

Attention! Processing is performed at the time of uploading a photo to the gallery. A preset must be created before uploading photos!

The “Width” and “Height” fields of the “Size” block are used to set the size of the generated image.

In the “Photo size” block, the position of the processed photo on the generated image is specified. If the aspect ratio of the original photo does not coincide with the specified, then it either fits into the specified dimensions or is cropped, depending on the value of the “Crop” option.

If the aspect ratio of the photo does not match the specified one, then it will be aligned in accordance with the specified settings.

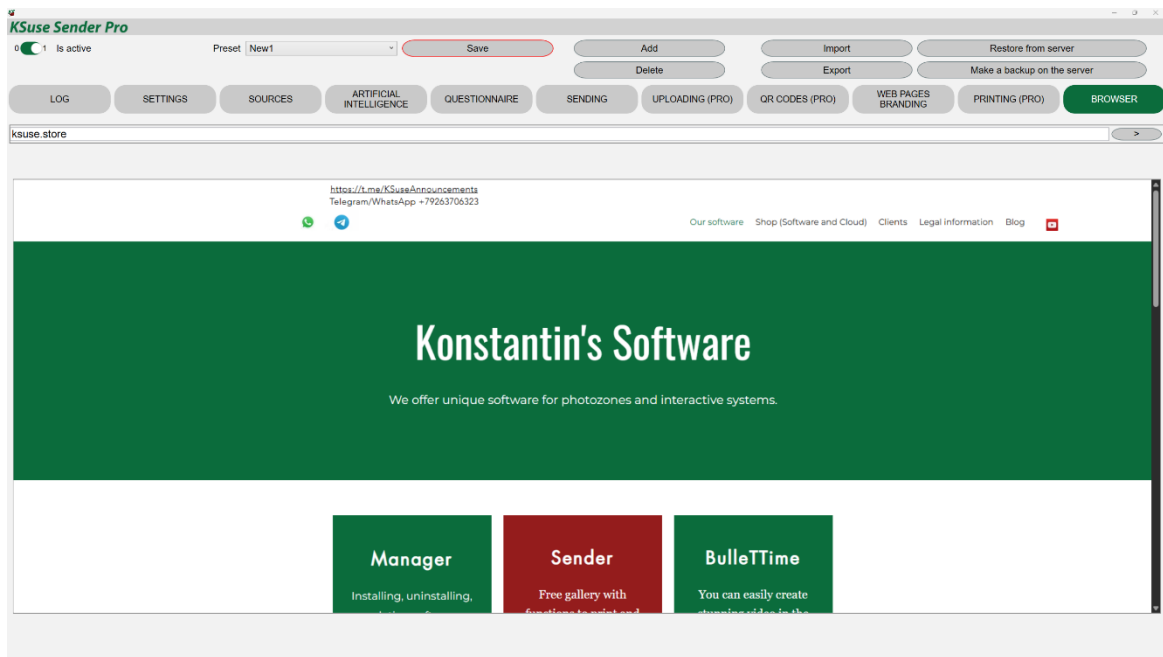
The background of the generated image outside the original photo is filled with the color specified in the “Background fill” option.

Moving the photo is done with the left mouse button with the Shift key pressed, or by changing the values of the “Left (mm)”, “Top (mm)” fields.

You can scale the photo using the mouse wheel with the Shift key pressed, or by changing the values of the “Width (mm)”, “Height (mm)” fields.



Browser



This tab contains a built-in Chromium-based browser. It serves for authorization.

## Web gallery

The web version of the gallery is available.



On any device connected to the same network as the computer with the KSuse Sender software, you must open any browser and enter the IP address of the computer with the KSuse Sender software in the address bar.

The web gallery and carousel addresses are displayed in the “Settings”.

For the web gallery to work correctly, you must allow access via the TCP protocol for port 80 in the firewall, or disable the firewall. It is also necessary to turn off any other programs that may use port 80 before starting KSuse Sender.

All operations with files (printing, sending, processing) are carried out using the web gallery.

## Used libraries

Icons made by Freepik from [www.flaticon.com](http://www.flaticon.com) is licensed by CC 3.0 BY

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<https://www.flaticon.com/authors/smashicons>

<http://creativecommons.org/licenses/by/3.0/>

System.Data.SQLite - <https://system.data.sqlite.org>

Microsoft - <https://dotnet.microsoft.com/>

CefSharp - <https://github.com/cefsharp/cefsharp>

BSD 3-Clause License:

NLog - <https://nlog-project.org/>

The MIT License:

DynamicExpresso.Core - <https://github.com/davideicardi/DynamicExpresso>

HelixToolkit - <https://github.com/helix-toolkit/helix-toolkit>

Newtonsoft.Json - <https://www.newtonsoft.com/json>

Portable.BouncyCastle - <https://www.bouncycastle.org/csharp/>

QRCoder - <https://github.com/codebude/QRCoder/>

SendGrid - <https://sendgrid.com/>

SharpZipLib - <https://github.com/icsharpcode/SharpZipLib>

QRCode.js - <https://github.com/davidshimjs/qrcodejs>

jQuery - <https://jquery.com/>

JavaScript-Load-Image - <https://github.com/blueimp/JavaScript-Load-Image>

vanilla-lazyload - <https://github.com/verlok/vanilla-lazyload>

twilio-csharp - <https://github.com/twilio/twilio-csharp>

dropbox-sdk-dotnet - <https://github.com/dropbox/dropbox-sdk-dotnet>

VkNet - <https://vknet.github.io/vk/>

Flurl - <https://flurl.dev/>

MimeTypesMap - <https://github.com/hey-red/MimeTypesMap>

CefSharp.Dom - <https://github.com/cefsharp/CefSharp.Dom>

HttpMultipartParser - <https://github.com/Http-Multipart-Data-Parser/Http-Multipart-Data-Parser>

Apache License:

CalcBinding - <https://github.com/Alex141/CalcBinding>

Google.Apis.Drive.v3 - <https://github.com/googleapis/google-api-dotnet-client>

Magick.NET - <https://github.com/dlemstra/Magick.NET>

NPOI - <https://github.com/tonyqus/npoi>

YandexDisk.Client - <https://github.com/raidenyn/yandexdisk.client>

SixLabors.ImageSharp - <https://github.com/SixLabors/ImageSharp>

Microsoft Public License (MS-PL):

Extended.Wpf.Toolkit - <https://github.com/xceedsoftware/wpftoolkit>

NAudio - <https://github.com/naudio/NAudio>

FFME - <https://github.com/unosquare/ffmediaelement>

LGPL v3:

FFMPEG - <https://www.ffmpeg.org/>