WATCHDOC

INSTALLATION AND INITIAL CONFIGURATION MANUAL

Kyocera WES v3

DOXENSE Print, breathe !

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Introduction

Purpose of the manual

This manual describes the procedure for installing Watchdoc Embedded Solution v3 on KYOCERA devices.
The Kyocera® WES is available for devices equipped with **HyPAS Embedded** technology 1.x and 2.x on 3 series and later models.

Intended audience

This manual is intended to be used by technicians responsible for installing the WES on Watchdoc v6.x. Such technicians must have information on the print server, the Watchdoc hosting server, as well as the properties of the device.

Symbols used

The terms followed by an asterisk * are defined in the glossary.

> Information: reports important information required to fine tune the installation or configuration of the solution or information that may be useful for a better understanding or knowledge of a notion or a function of the tool, or provides a specific case of use of this tool.Contact Doxense®

Doxense's technical assistance service is reserved for certified, technical partners and can be contacted via Connect, customer portal dedicated to partners.

WATCHDOC Certified Partner

For all other questions, please contact your Doxense® consultant or send us an email at contact@doxense.com

Versions

Date	Description
07/31/2024	Update of the WES v3 installation procedure
21/10/2022	Update of the WES V3 with Kyocera Netviewer installation procedure
16/06/2022	Update of the Kyocera Netviewer download link.
13/04/2022	Update to the V3 version.
22/08/2017	Rereading and corrections
17/08/2017	Rereading and corrections
29/05/2017	Addition of the Authentication Method and Print Job Release Mode parts.
02/03/2017	UpDate of the screenshot.
16/02/2017	New graphical version, adding device prerequisites, adding Organisational Requirements
16/09/2016	First version.

WES Kyocera - Prior configuration

Kyocera WES configuration must be preceded by configuration on the device.

To configure Kyocera WES V3 on Series 3 and higher devices, security settings must be enabled from the device's web administration interface, and the WES application must be installed on the device using the Kyocera NetViewer tool.

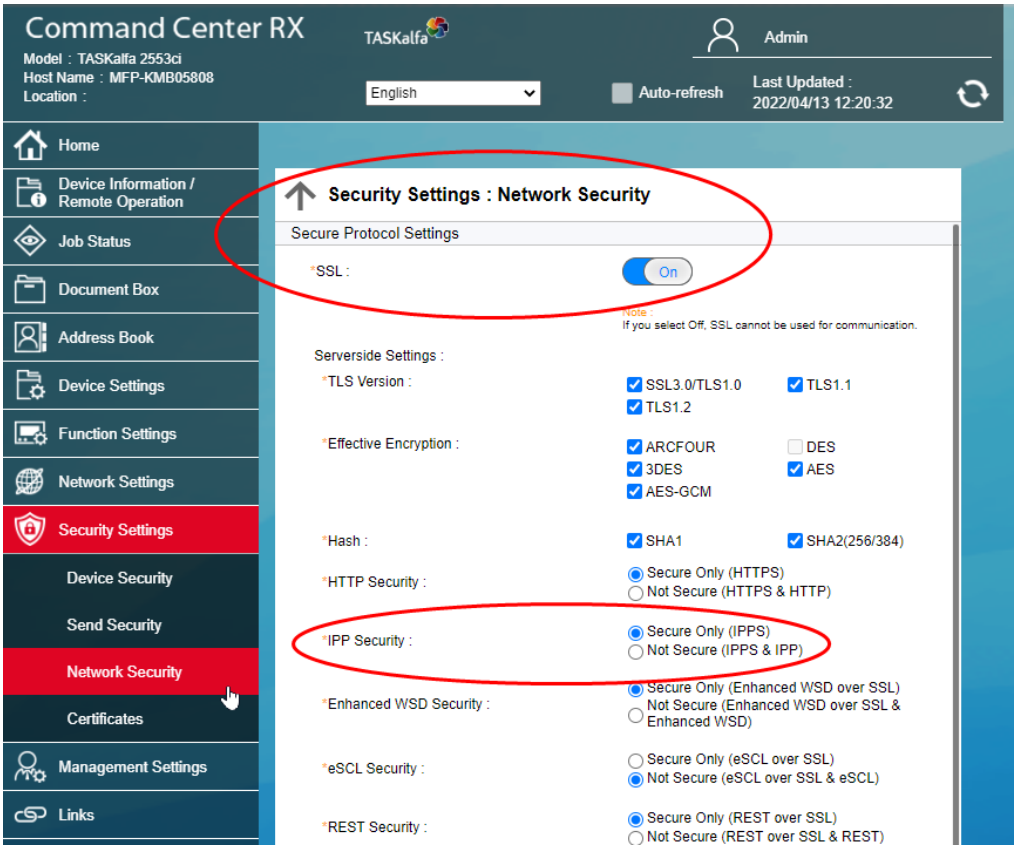
Activate security settings

Access the device configuration interface

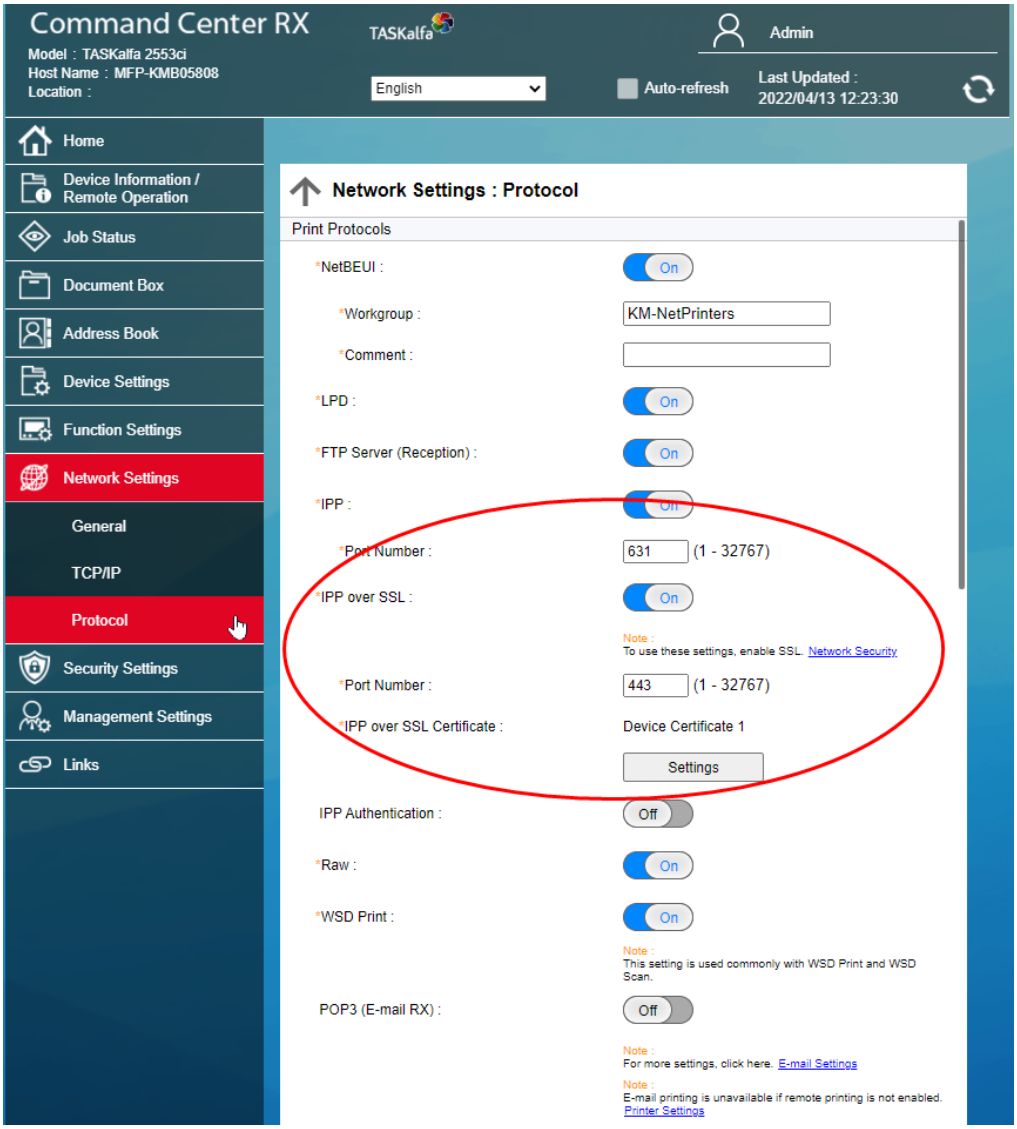
1. From a browser, access the device administration website http://device_ip.
2. Log in as administrator.

Activate the SSL and IPPS

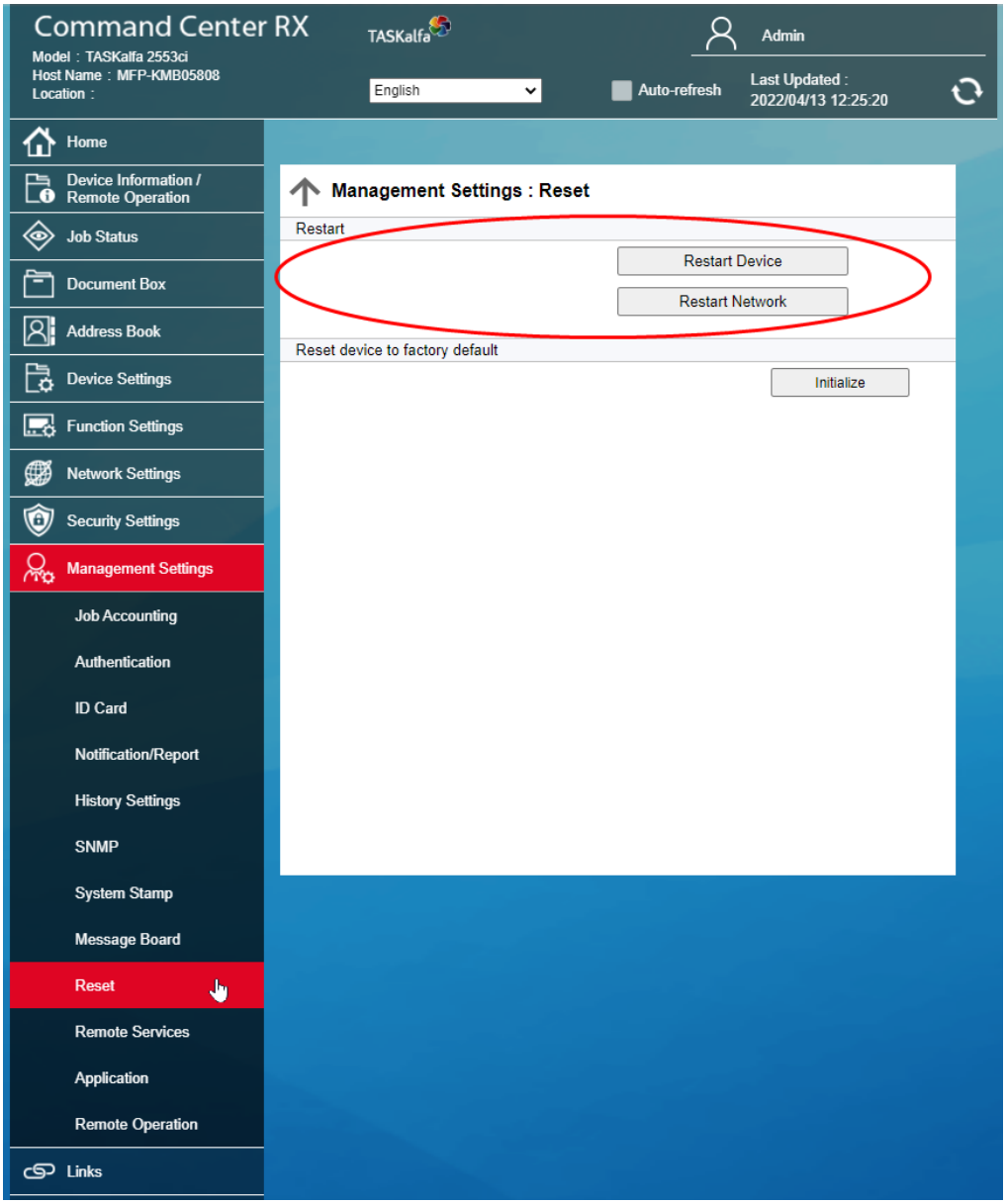
1. using a browser, open the device administration web site (**http: // device_ip**) and log in as an administrator;
2. click on the **Advanced** tab, and go to the **Security** tab, then **Secure Protocols;**
3. in the **Secure Protocol Settings** section, tick the **On** box to activate the SSL protocol;



4. Then click **Submit** (at the bottom of the page) to save your settings.
5. Click on the **Network settings** entry, then on **Protocol**.
6. In the section **Print Protocols**, activate the protocol **IPP over SSL** keep the **IPP port 443** displayed by default:



7. Click on **Submit** (at the bottom of the page) to save your settings.
8. From the **Management settings** menu, click **Reset**,
9. Then click on **Restart device** and **Restart network** to take account of the changes made to the settings:

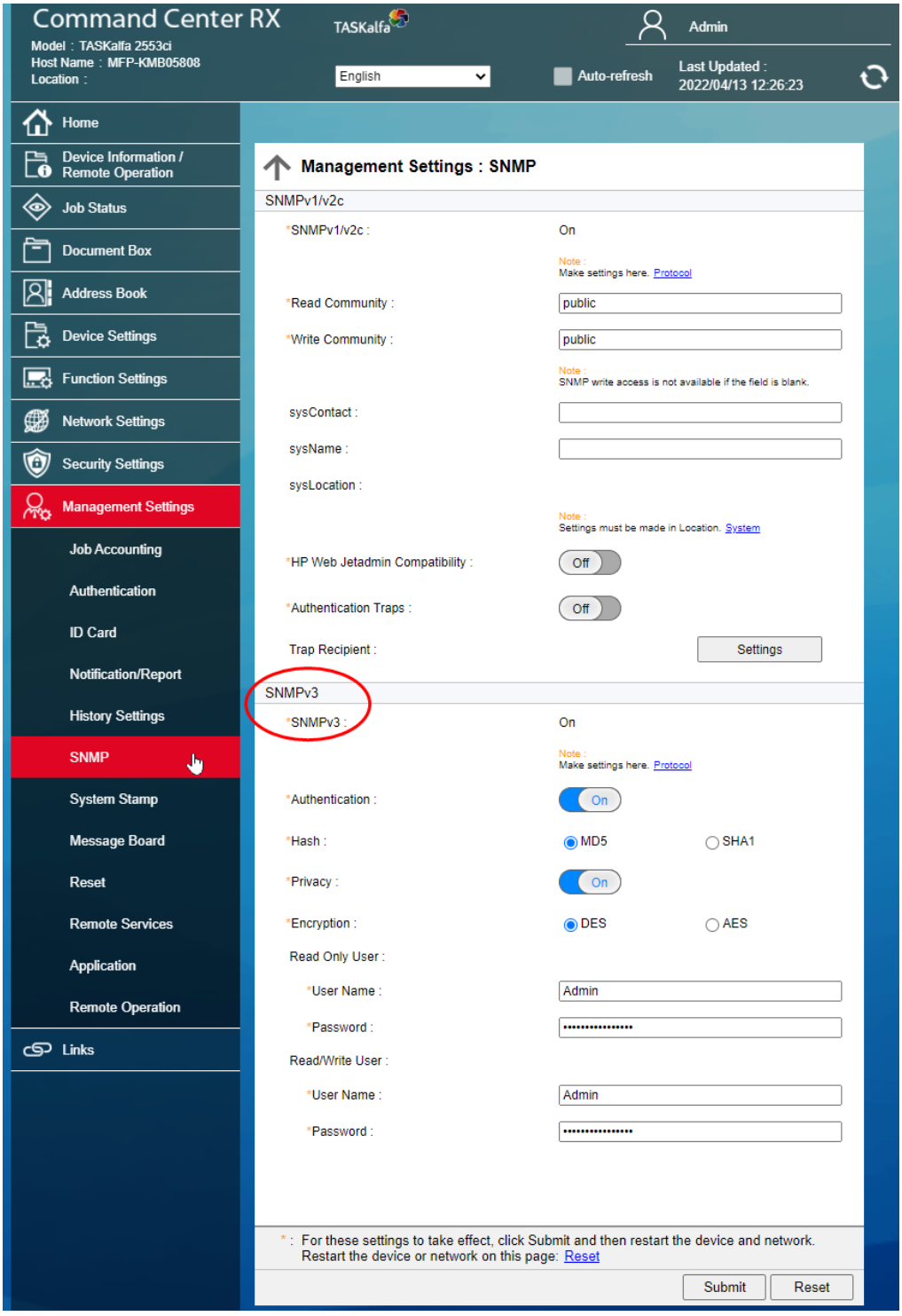


→ After this operation on the network, the device is ready for installation.

Activate the SNMP v3

This step is only required when configuring the ScanToMe feature or if you want to use the Kyocera Net Viewer to configure the device.

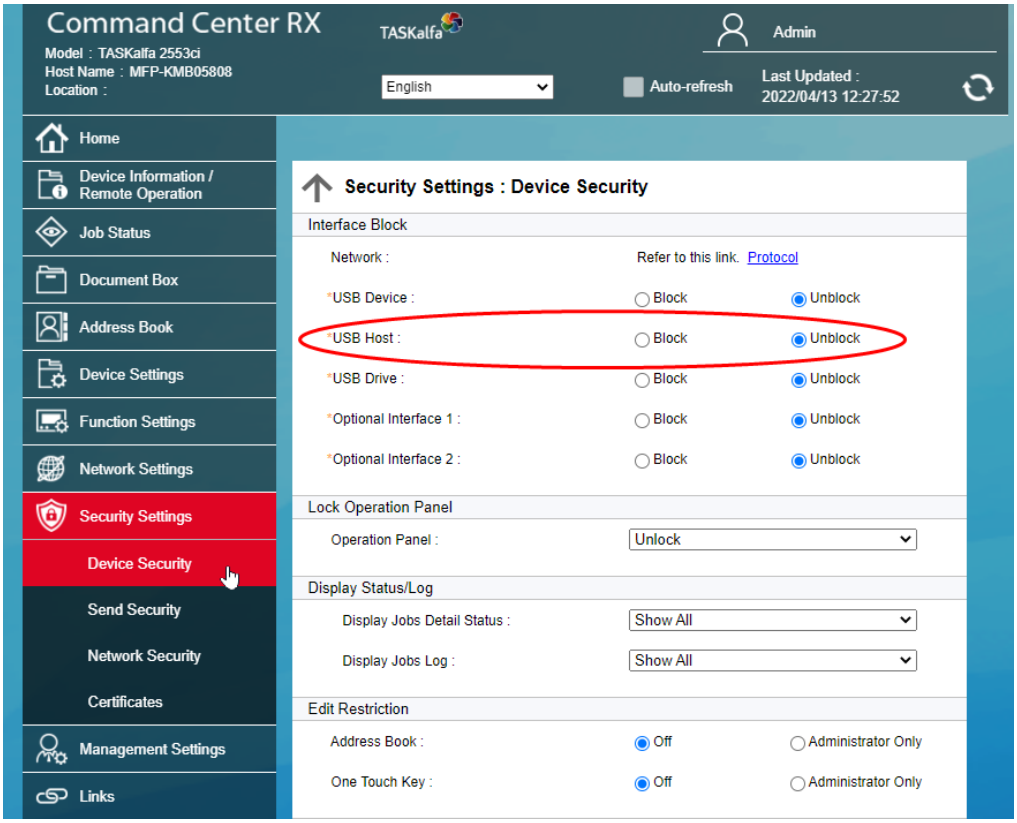
1. click on the **Management Settings > SNMP** menu.
2. in the SNMP management interface, down the **SNMPv3** section:



Activate the cards reader

To install a cards reader on a Kyocera print device it's necessary to have a valid license. It is also necessary to unblock the **USB Host** parameter, accessible from the **Device Security** menu of the device administration interface:

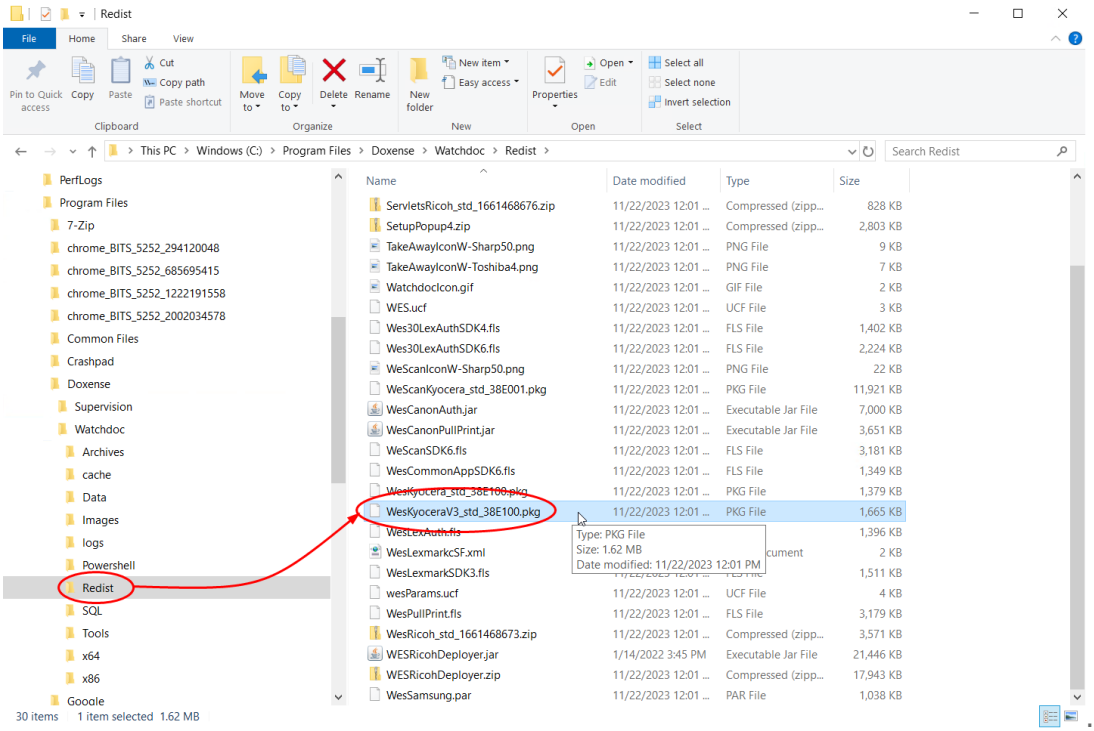
1. Click on **Security settings** entry menu, then the **Device security** section.
2. Check that the **USB Host** setting is **Unblock**:



Install the WES application on the device with Kyocera NetViewer

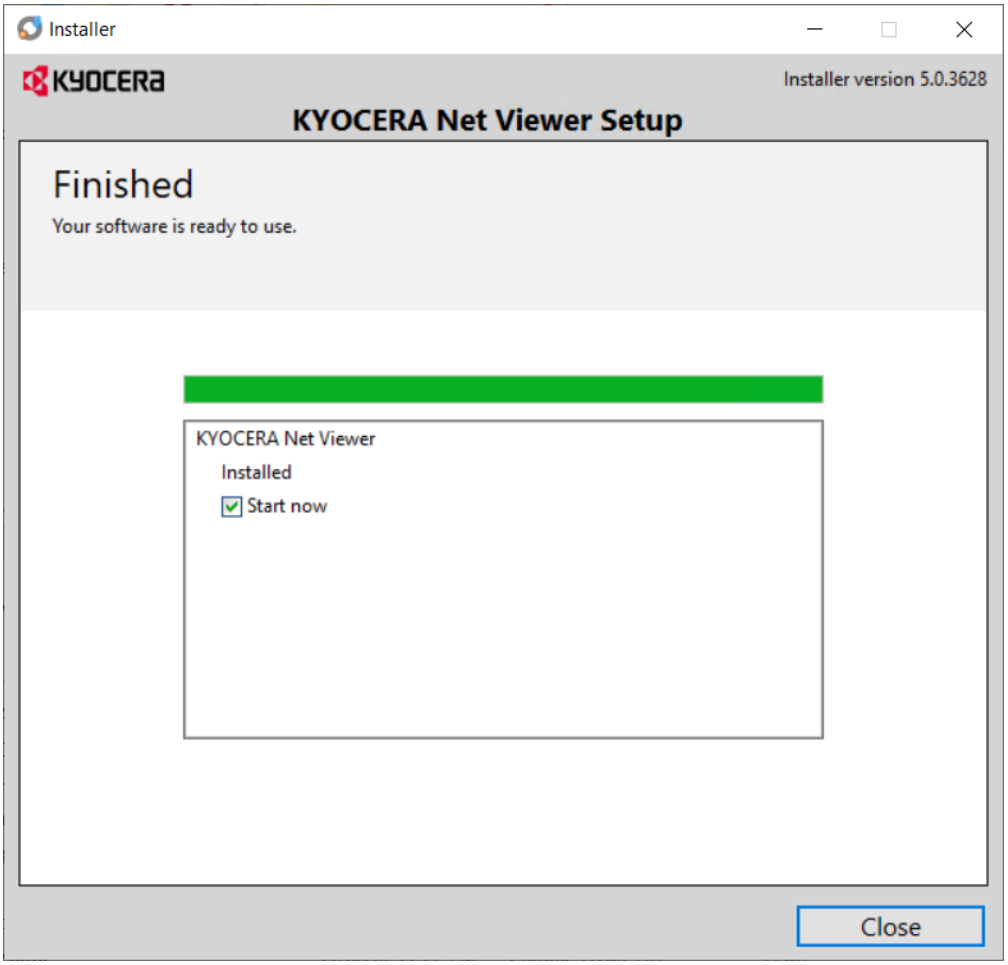
Prerequisites

Before starting the WES configuration in the Watchdoc Administration Interface, it is necessary to install the WES application on the device using the **Kyocera Net Viewer**. The WES application file can be found in the Watchdoc application installation folder (Watchdoc_Setup_[version#]**Redist)**. Locate it where it is saved, or download it to your work environment for use when needed:



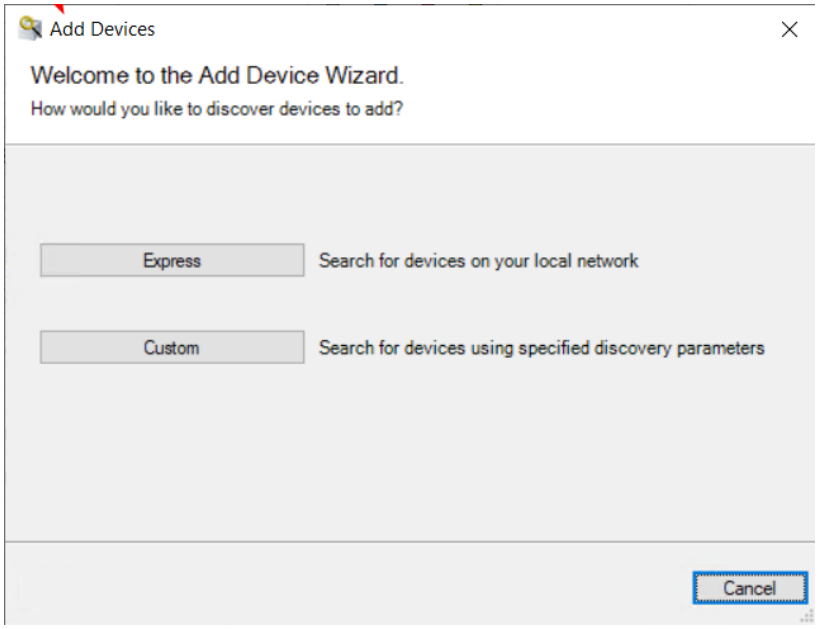
Download Kyocera NetViewer

1. Go to the (EN) Kyocera site https://www.kyoceradocumentsolutions.us/en/products/software/KYOCERANETVIEWER.html
2. Download **Kyocera Net Viewer**.
3. Unzipp the **knv.zip** folder;
4. Then run the executable **KInstall.exe.** ;
5. Follow the instructions until the installation is finalized:



Use Kyocera NetViewer

1. Once launched, browse your working environment to select a **Net Viewer Workspace**;
2. **The application offers an Add Device wizard:**
   Select :
   - **Express** to let the tool automatically search for all devices installed on the network;
   - **Custom** to choose a way to discover printing devices;
     - by searching on the local network;
     - by entering the IP address;
     - by IP address range



→ If you have chosen **Express**, the executable starts a Discovery operation

Activate the WES applicate

1. From the list of print devices found, select the Kyocera device on which you wish to install the WES;
2. from the menu, select **Device** on the device line, right-click and select the **Advanced** menu item;
3. Then click on **Manage applications**;
4. In the **Manage Applications** box, select **Install** and check the box to activate the application after installation;
5. Then browse your workspace to select the previously downloaded installation package (**WesKyoceraV3_std_[version no]**);
6. Click **Finish** in the confirmation box to install the application:

Activate the WEScan application

If you wish to use the WEScan module, it must first be installed on the device using the application file (located in the Watchdoc_Setup_[version no.]\Redist application folder).

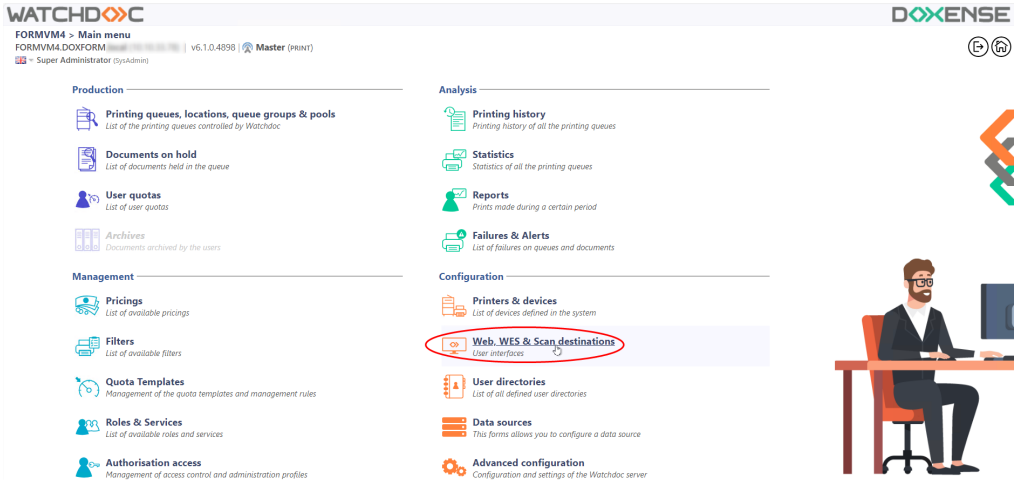
1. From the list of print devices found, select the Kyocera device on which you wish to install the WES;
2. from the menu, select **Device** on the device line, right-click and select the **Advanced** menu item ;
3. Then click on **Manage application**;
4. In the **Manage Applications** box, select **Install** and check the box to activate the application after installation;
5. Then browse your workspace to select the previously downloaded installation package (**WeScanKyocera_std_[version no].pkg**)
6. Click **Finish** in the confirmation box to install the application.

Create and configure the WES

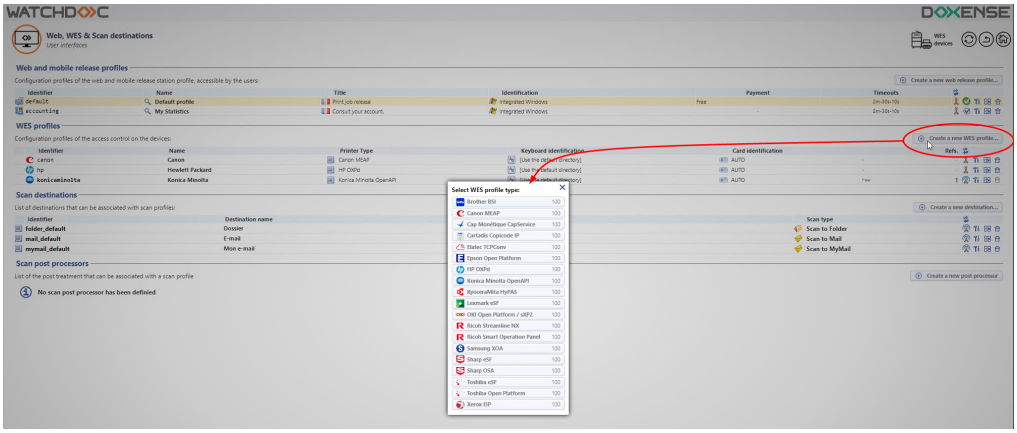
Create the WES profile

On a clean Watchdoc installation, a first WES profile is automatically created with default parameters at the end of the wizard procedure, but you can, at any time, edit existing profiles to modify them or create a new profile.

1. From the **Main menu** in the administration interface
2. in the **Configuration** section, click on **Web, WES & Scan destinations**:



3. In the **Web, WES & Scan Destinations - Client Interface Management** interface, click on **Create a new WES profile**.
4. In the list, select the profile you want to create:



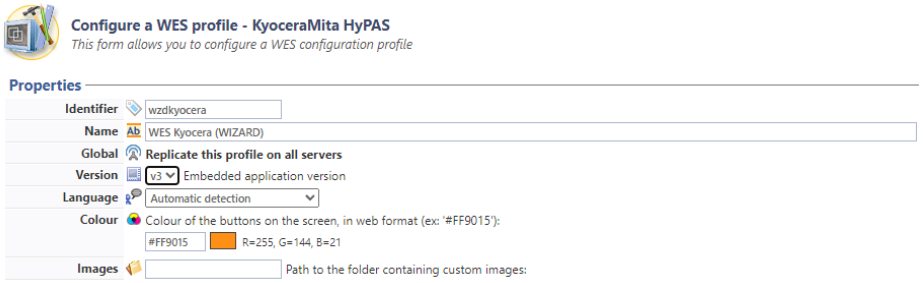
→ you will access the **Create a WES profile** form, which contains a number of sections in which you can configure your WES.

Configure the WES profile

Configure the Properties section

Use this section to state the main WES properties:

- **Identifier:** Enter the single identifier for the WES profile. It can comprise letters, numbers and the '_' character with a maximum of 64 characters. This identifier is only displayed in the administration interfaces.
- **Name:** enter the WES profile name. This explicit name is only displayed in the administration interfaces.
- **Global :** in the case of a master/slave configuration, tick this box to replicate this profile on the slave servers.
- **Language:** Select the WES display language configured from the list. If you select **Automatic detection**, the WES adopts the language it finds by default in the device configuration.
- **Version:** select the version of WES. For v3, you can customise the interface by choosing the colour of the buttons and images to match your graphic identity:
  - **Colour:** enter the Hexadecimal color value corresponding to the WES button's colour. By default, the buttons are Watchdoc® orange customized (#FF901). Once the value is entered, the colour is displayed in the field.
  - **Images:** if you want to customize the WES images, enter the folder path in which are recorded images you want to display instead of the default images (stored in C:\Program Files\Doxense\Watchdoc\Images\Embedded\Doxense\[Manufacturer_Name] by default).



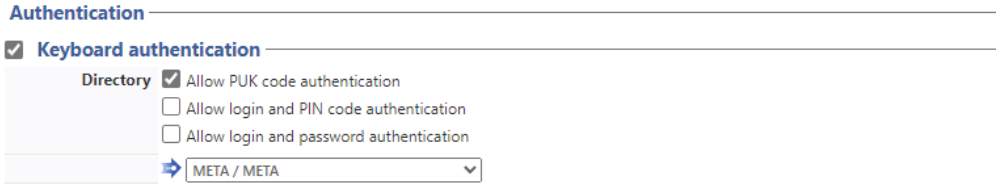
For more details, refer to How to customize the WES ?

Configure the keyboard authentication mode

- **Keyboard authentication:** tick the box (at the section level) to enable user authentication from a physical keyboard or the touch screen one, then set out how this authentication works:

- **Login (PUK[1] Code):** the PUK code is automatically generated by Watchdoc according to the parameters defined in the directory and communicated to the user on the "My account" page.
- **Login and PIN Code:** consisting of 4 or 5 digits, the user PIN code (1234, for example) is registered as anLDAP attribute or in a CSV file. It is associated to the user login (available with the Watchdoc 5.1 version).
- **Login and password:** users will use their LDAP credentials. We do not recommend using this mode.

- **Directory:** From the list, select the directory to query during keyboard authentication. If no directory is set, Watchdoc will query the default directory. Then specify how users are to authenticate themselves:



We do not recommend authentication by login and password. Nevertheless, if you opt for this mode, make sure that the device's screen and keyboard are configured in the user's language and that they allow all characters to be entered, even diacritics (accents, cedilla, tilde).

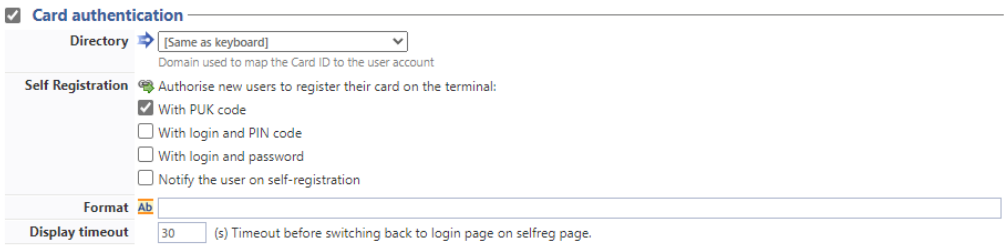
Configure the card authentication section

Card authentication: tick the box (at the section level) to enable user authentication from a card, then set out how this authentication works:

- **Directory:** From the list, select the directory to query during cards authentication. If no directory is set, Watchdoc will query the default directory.
- **Self registration :** If you enable the **self-registration**[2] from the WES, state how the user assigns their card to their account:
  - **Disabled:** the self-registration is not allowed: if the user is unknown, an error message is displayed;
  - **with PUK code:** the embedded solution will ask the user for its PUK code. If the PUK code is correct, Watchdoc stores the card number with the user's

[1](Print User Key). In Watchdoc, this is a code associated with a user account to allow the user to authenticate in a WES. The PUK code is generated thanks to an algorithm. The user can consult it in the "My account" page of Watchdoc.
[2]An action in which a user account is associated with its own card code. Registration is carried out the first time a card is used. The registration can be carried out by the IT manager when he issues the card to a user or by the user himself who enters his identifier (PIN code, PUK code or username and password) which is then associated with his card code. Once the registration is completed, the card code is permanently associated with its owner.

login in its database;
  - **with login and PIN code:** the embedded solution will ask the user for his login and his PIN cpde.
  - **with login and password:** the embedded solution will ask the user for his login and his password. If the data keyed in are correct, Watchdoc® stores the card number with the user's login in its database.
  - **Notify the user on self-registration:** check this box to send a notification to the user when his badge has been enrolled.
- **Format :** State, where necessary, how the character string for the badge number string is to be transformed. E.g. raw;cut(0,8);swap.
- **Display timeout:** indicate, in seconds, the time to wait before a second badge swipe is taken into account (5s < Time < 15s)



Specificity of the **Format** parameter: typically, when the code PUK is stored in an attribute of the LDAP directory, it is encoded for security reasons. Obtaining the code corresponding to that of the badge therefore requires a transformation of the format read by the badge reader. If you have a problem setting this parameter, contact Doxense Support.

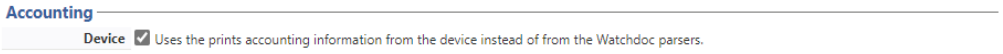
Configure the Anonymous connection section

Tick this section to activate the **Anonymous connection** in order to allow an unauthenticated user to access to the device by clicking a button.
It is possible to restrict the features that the anonymous user can access by applying a privilege policy to the queue, group, or server, and using the Anonymous User filter.

- **Button Label:** Enter in this field the label displayed on the access button to the device features. By default, the text is **Anonymous**;
- **Redirection:** From the list, choose the application to which the anonymous user must access after clicking the **Anonymous**:
  - **Home:** The user accesses to the device homepage;
  - **Copy Application:** The user accesses to the copy application;
  - **Scan Application:** The user accesses to the scan feature;
  - **Fax application:** The user accesses to the scan feature;

Configure the Accounting section

- **Device > Uses the prints accounting information from the device** : tick this box if you want accounting to be supported by the device instead of the Watchdoc parser. This only applies to print jobs. Results are more reliable especially when the job is not fully printed (canceled).



Configure the Quota section

- **Enable:** tick the box to enable the WES to manage print quotas.

If you tick the box, complete the configuration:
- by adding at least one quota;
- by applying the VMS and rates to the print queues associated with the WES (see Configuring quotas article).

Configure the Pull-print section

In this section, you can change options about the Watchdoc® release application: sort order of the document, tariff information and optional pages.
You can bypass this application by enabling the automatic release mode. When the user is authenticated on the device, all its documents are released.

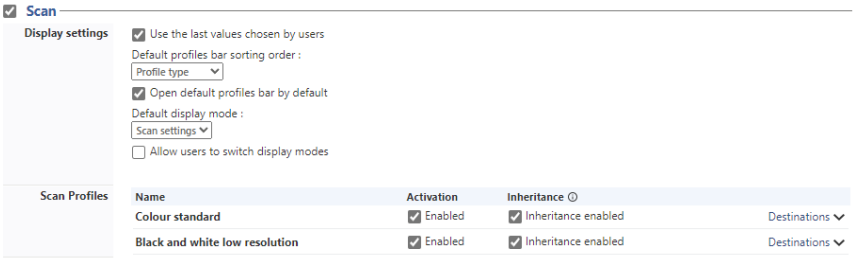
- **Inactivity time out:** Set the inactivity duration allowed before time out;
- **Sort Order:** Set the documents order on the device screen:
  - **Reverse chronological:** More recent documents will top the list ;
  - **Chronological:** Older documents will top the list.
- **Release all documents at login:** When the user logs on, Watchdoc releases all user documents on the device where he logs on. In this case, the user cannot access the list of pending jobs to delete or print them.
- **All documents are checked by default**: tick the box to ensure that all pending jobs are automatically ticked in the list of pending jobs when the user authenticates.
- **Optional pages**: Tick the box o enable user adding more pages previews:
  - **Enable Page Zoom:** User can have a page by page preview (PCL 6 driver required)
  - **Enable spool edition:** User carn modify the initial printing criteria;

- **Display Options:** This section allows you to choose which pricing information will be displayed to the user: either the price, either the cost, or none.
    - **Force the monetary display to 2 decimal digits:** Tick the box to limit the number of decimal digits displayed to the user in the tariff information.

Configure the Scan section

This section is used to configure the WEScan function. It can only be activated with a WES V3.

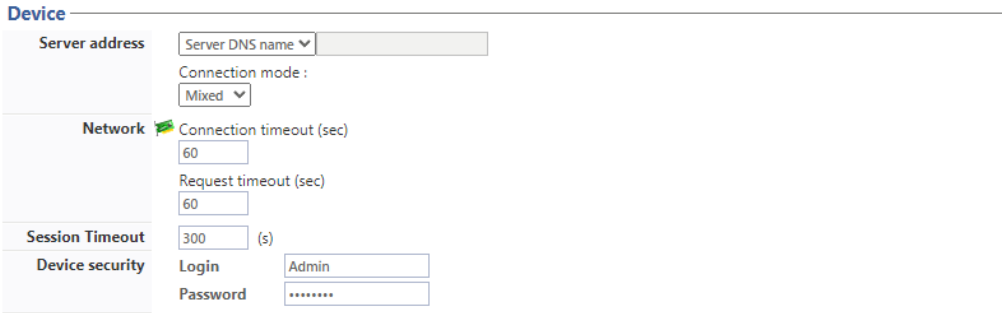
- **Display preferences- Use the last values chosen by users:** allows the user to be offered the most used scanning profiles (predefined settings), which offers a time saving when scanning uses are often the same. Then specify whether the classification should be done using:
    - the **type of profile:** (the most frequently chosen profile);
    - the **date of use** (profile chosen the last time it was used).
- **Open default profile bar:** provides an interface in which the user can choose between all the scanning parameters, which is useful when the scanning uses are very varied. Then specify whether you want to display the settings or the (pre-set) profiles.
    - the **scan settings** ;
    - the **scan profiles** (pre-configured).
- **Allow users to switch display modes:** tick this box to allow the user to customize their interface by choosing their preferred display mode.
- **Scan profiles:** for each profile listed, you can check:
    - **activation:** to make it active in the embedded interface;
    - **inheritance:** to allow the user to create a new profile inheriting the parameters of the existing profile. The user will then be free to modify one or more parameters of the original profile;
    - **destinations :** the **destination** is the place where the scanned document is sent. For each profile, you can activate, deactivate and define one or more destinations by default:
        - **E-mail:** Send the scan to the e-mail of a recipient entered in the interface;
        - **My e-mail:** send the scan to the user's email (always known if the user has an AD account);
        - **Folder:** send the scan to a predefined folder in the workspace accessible to the user.



Configure the Device section

This section is used to define the connection mode between the server and the print devices.

- **Server Address type:** The device needs to contact the Watchdoc® server when the user tries to connect or wants to release his documents. You can specify the Watchdoc® server address in three different ways: IP Address, DNS Address and Custom Address ;
- **Connection Mode:** Enables you to enable or disable SSL for the communications between the MFP and the server:
  - **Mixed:** the application uses SSL for sensitive data (PUK code, login/mdp, etc.) and not SSL for non-sensitive data;
  - **No SSL:** Select this item if the WES does not ever use SSL to communicate with the server.
- **Network:** the two values can be used to set :
  - **connection timeout:** the maximum waiting time for the connection between the copier and Watchdoc during a request (server off or service stopped);
  - **request timeout:** the waiting time for processing the request: retrieving information about a user, sending and processing accounting requests.
- **Session Timeout (sec.):** Kyocera MFP natively manage the automatic closing of the user session after a time configured in its options. To facilitate configuration, it is possible to specify this time in the form. The duration is taken into account when the embedded application is installed or when its configuration is updated.
  Please note that the countdown starts on the copier's home screen. Each embedded application has its own countdown before closing and returning to the home screen (30s for the Watchdoc application).
- **Device security:** indicate the device administrator login and password which Watchdoc needs to communicate with it during certain operations (automatic installation, SOAP requests, etc.).

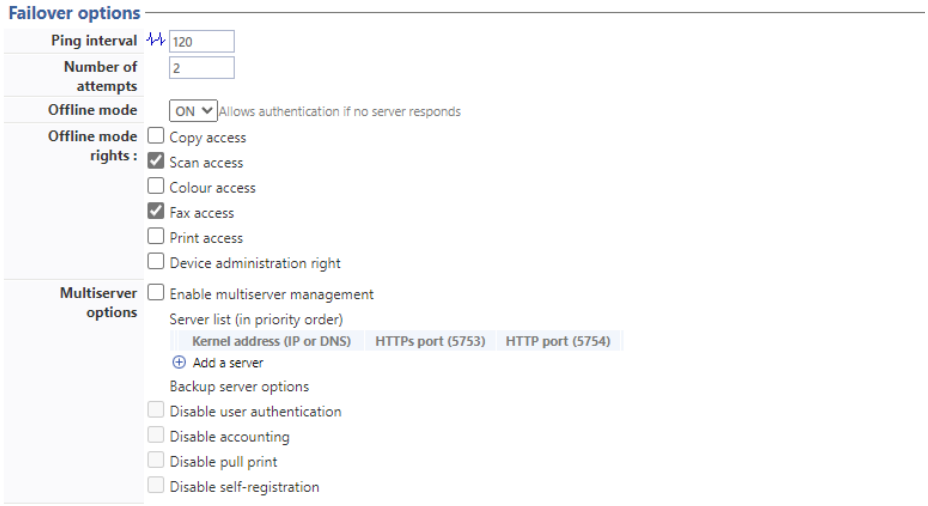


Configure the failover section

In this section, you configure the behaviour of the print devices in the event that the Watchdoc server does not respond.

- **Ping delay:** specify, in seconds, the frequency with which the device polls the server to check its configuration and inform it that it is operating correctly;
- **Number of attempts:** specify the number of connections the device should attempt to the main server before switching to the standby server.

- **Offline mode:** activate or deactivate **offline mode**[1] and complete the list by indicating the authorised functions:
  - **Copy access:** Tick this box to enable the user to copy;
  - **Scan access:** Tick this box to enable the user to scan;
  - **Color access:** Tick this box to enable the user to print in color;
  - **Fax access:** Tick this box to enable the user to send documents by fax;
  - **Print access:** Tick this box to enable the user to print documents.
  - **Device administration right:** tick the box to authorize the user to access device administration.
- Then check the functions provided by the backup server:
  - **Disable user authentication:** tick this box if the rescue server does not authenticate users. For each request, it returns the details of an anonymous user with the rights defined for an anonymous user on the main server. The work carried out is then recorded under the "anonymous" account;
  - **Disable accounting:** If this is checked the accounting elements will be held on the device until it reconnects to the primary server. This is useful if you wish the accounting to be all sent to the same sever (if the databases are not common for example)
  - **Disable pull print:** With this option, the print on demand application will be disabled. This is useful because if the backup server has no access to the jobs of the user.
  - **Disable self-registration:** With this option, the self-registration will not be available on the backup server. This is useful if the cards database are not the same for both servers.



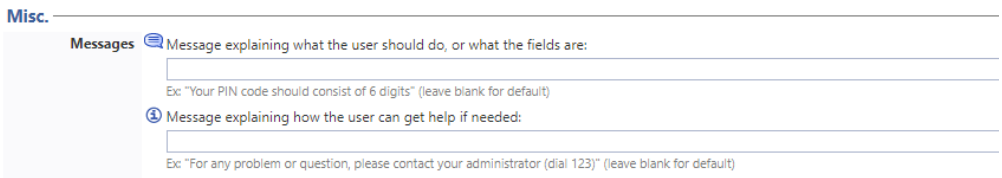
To set up a single server configuration or Main server in the case of a multi-server configuration:
1. tick the **This server is the main server** button;
2. **Other servers:** in a multi-server configuration, complete this parameter

[1] Offr

by providing information about all the servers to which the WESs can send their jobs, in order of priority;
3. **Ping delay:** specify, in seconds, the delay between 2 pings from the WES to the server;
4. **Number of attempts:** indicate the number of unsuccessful ping commands before going offline or moving on to the next server;
5. **Offline mode:** if you enable this mode, the user will be able to access the WES in "anonymous" mode if the WES is unable to communicate with any server;
6. **Rights in offline mode:** tick the boxes for the rights you grant to the user connected anonymously.

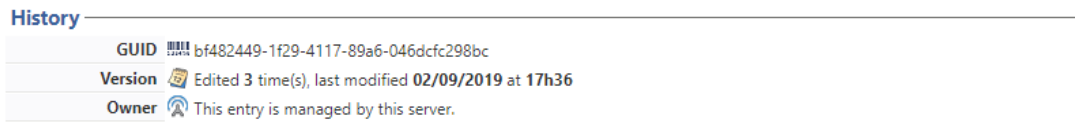
Configure the Misc. section

- **Log options - Destination:** Specify where the application should collect the information:
  - **file**: Tick this box so that the information is saved in a file accessible by Watchdoc;
  - **device**: Tick this box so that the information is saved on the device;
  - **all** : Check this box to have the information saved in a file accessible by Watchdoc and on the device.
- **Log options - Level:** indicate the level of detail of the information recorded:
  - **debug:** Option to keep track of WES malfunctions;
  - **verbose:** All detailed traces left by the WES;
  - **info:** Traces left by the WES;
  - **warning:** Traces left by the WES when there is a default;
  - **error:** Traces left when an error is detected at the WES.
  - **fatal:** Traces of faults detected on the WES
  - **none:** No trace
- **Ping timeout:** specify, in seconds, the time after which the device should attempt to reconnect to the server if it receives no response.



Configure the History section

This section displays information on the configured WES and on modifications made to it :



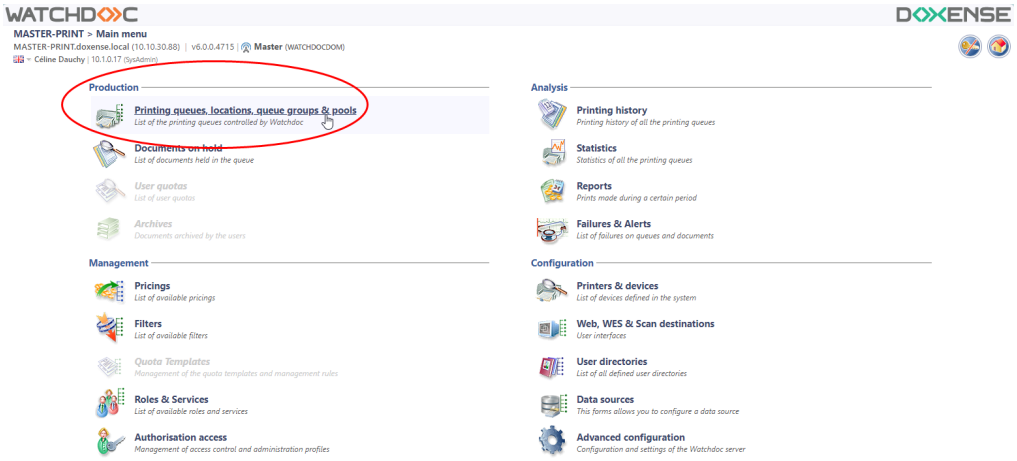
Validate the profile

1. Click on the button  to validate the WES profile configuration.
→ Once validated, the WES profile can be applied to a print queue.

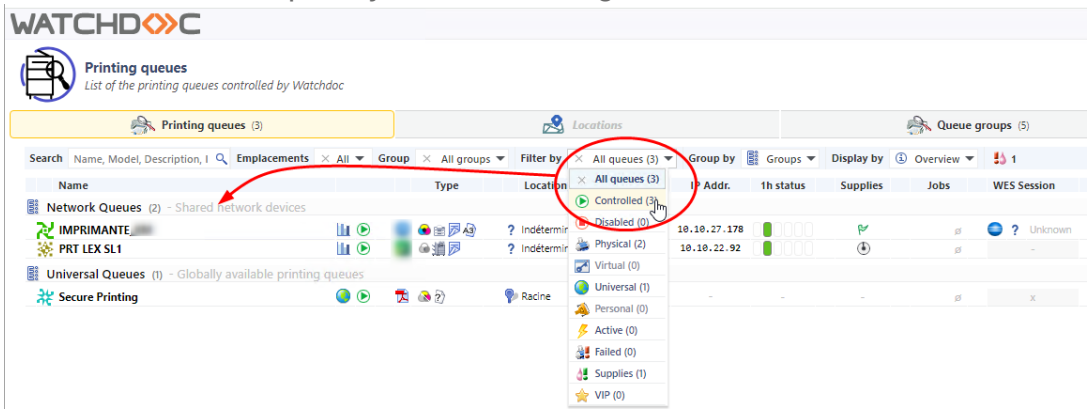
Configure the WES on a print queue

Access the interface

1. From the **Main Menu** of the Watchdoc administration interface, in the **Production** section, click **Print Queues, Queue Groups & Pools:**
2. For this queue, click the **Edit Queue Properties button** at the end of the line.



→ This takes you to the print queues interface. In this queue, activate the **Controlled** filter, then select the queue you want to configure:



2. For this queue, click the **Edit Queue Properties button** at the end of the line.

→ You are taken to the **Print Queue Properties** interface in which several sections are displayed. WES properties are managed in the **WES** section.

Configure the WES onto the queue

- **Activate embedded interface:** tick the box to use a WES.
- **Profile subsection:** From the list, select the WES to configure. The list comprises profiles created ahead of time in your instance of Watchdoc. If the desired profile is not found there, you will need to configure it (refer to WES configuration profile).
- **WES identifier subsection:** Once you have ticked the box and selected the profile, the ID of the WES field will fill itself with "$AUTOSERIAL$". Keep it that way so that the server will determine itself the serial number of the device and use it as the WES ID. You can also input directly the serial number of the device in this field.
- **Diagnosis subsection.** It may be useful to activate WES trace logging, especially to diagnose an anomaly. Use this subsection to specify settings relating to WES trace log files:
  - **Enable logs:** Tick the box if you would like to generate trace log files on communications between Watchdoc® and the WES and to keep them on the server.
  - **Log level:**From the list, select the type of requests you wish to trace:
    - **Network trace:** Communications between server and WES.
    - **All requests:** Used to keep a trace of all of the requests (to APIs, to RPCs).
    - **Requests to APIs and RPCs:** Used to retain traces of requests to the API and the RPC requests sent,
    - **API Requests:** Used to retain traces of the requests sent to the APIs,
    - **None:** Not used.
  - **File locations:** Use this field to enter the path to the folder where you wish to save the trace files. If no path is specified, then by default, Watchdoc saves the trace files to C:\Program Files\Doxense\Watchdoc\logs.

Although all options are possible, we recommend strongly to opt for the activation of **All Requests** so that as much information as possible can be View of the diagnosis. For the sake of performance, the traces must not Be activated only for analytical and diagnostic purposes.

- **Wes Settings subsection:** Use this section to configure the connection settings between the WES and Watchdoc in cases where the connection is a secure one, so that you can override the device username, password and the type of connection that is configured in the instance just for one queue:
  - **Use the default credentials:** Tick this box to use the identifiers already preset
    when the WES was configured.
  - **Device Username:** Use this field to enter the device administrator's account,
  - **Device Password:** Use this field to enter the password assigned to the device administrator.

- **Spool transformation:** The Spool transformation function lets Watchdoc® impose or propose to users changes to the initial print criteria to better match the print policy implemented:
  - **Activate monochrome conversion:** Tick the box to propose that a print job requested in colour be changed into a one colour document
  - **Activate a change in the number of copies:** Tick the box to propose that the numberof copies of a print job can be changed,activer la conversion en recto-verso ;
  - **Activate conversion to two-side printing:** Tick this box to propose that a print job requested for one-side printing be printed on two-sides,
  - **Activate conversion to one-side printing:** Tick the box to propose that a print job requested for two-side printing be changed to one-side printing.

Activate the Spool transformation function activates Client Side Rendering mode in the Device section.

- **Dump spool sub-section:** Watchdoc enables spool dumping, especially to analyse the printing activity;
  - **Enable spool dumping:** tick the box if you want that the spools may be save and set the tracing conditions;
  - **Trace level:** in the list, select the traces that you want to save (none, errors, edited spools and all);
  - **Enable for:** in the list, select how long you want to enable spool tracing (an hour, a day, a week or a month).

Validate the configuration

1. Click on  to validate the WES configuration on the print queue.
2. After having configured the WES onto the queue, you must install it.

After **modifying** a WES profile already installed on a print queue, it is necessary to restart the queue so that it takes account of the profile modifications. To restart a queue, click on the "pause" and then "start" buttons

in the queue list:

Install the WES onto the print queue

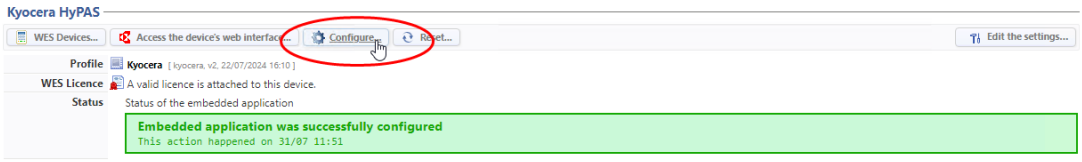
Presentation

In the **Print Queue Properties** interface, below the **General Information** section, the **WES Kyocera HyPAS** section appears. This section contains several buttons:

- **Access the device's WEB interface**: shortcut to the device's internal administration website;
- **Configure**: used to install the WES on the print queue;
- **Reset**: enables Watchdoc to uninstall the WES on the device. Once the WES has been uninstalled, the device must be restarted;
- **Edit the settings**: shortcut to the WES section in the printing queue properties.

Procedure

To install the WES automatically, click on the button **Configure**.
This installation takes place in several steps listed in the **Status** section.
➔ When the WES is correctly installed, the message Embedded application was successfully configured is displayed.

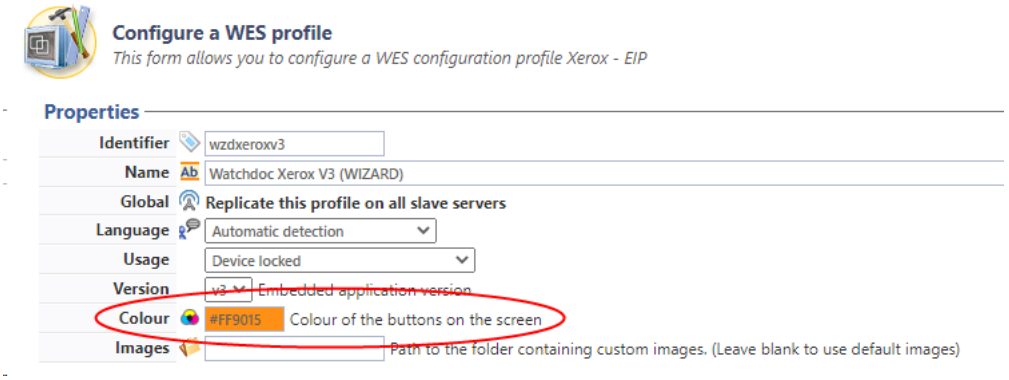


WES - Customize the colors and images of a WES v3

Customize the buttons color

To change the color of the WES buttons :

1. in the interface **Configure a WES profile** interface, section **Properties**, for the **Color** parameter, enter the hexadecimal code corresponding to the coloour you want to give to the interface buttons:



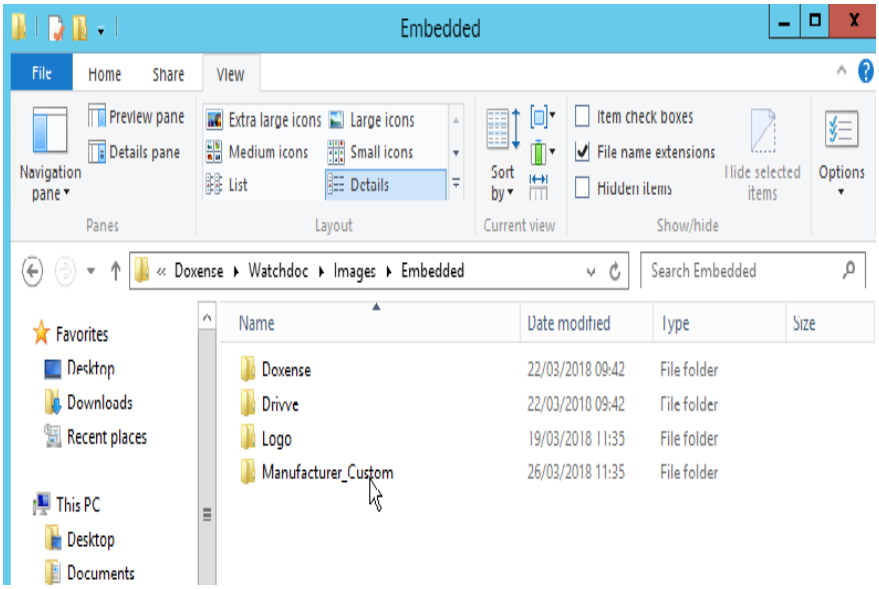
2. click on **Validate** to register the WES profile configuration ;
3. check that the new color is applied on the WES

> For some printer device models, it is necessary to reinstall the WES and restart the device for this change to take effect.
> If reinstalling the WES is to be applied to large numbers of devices, we recommend

Customize the images

To change the default images to your own images:

1. go to the server where Watchdoc® is installed;
2. in the folder including the Watchdoc® installation files (C:\Program Files\Doxense\Watchdoc\Images\Embedded\Doxense\, by default), choose the folder of the device manufacturer and copy it;
3. go back one level in the folders tree, paste the folder you just have copied and rename it clearly (for example: ([MANUFACTURER]_Custom) before customising it ;



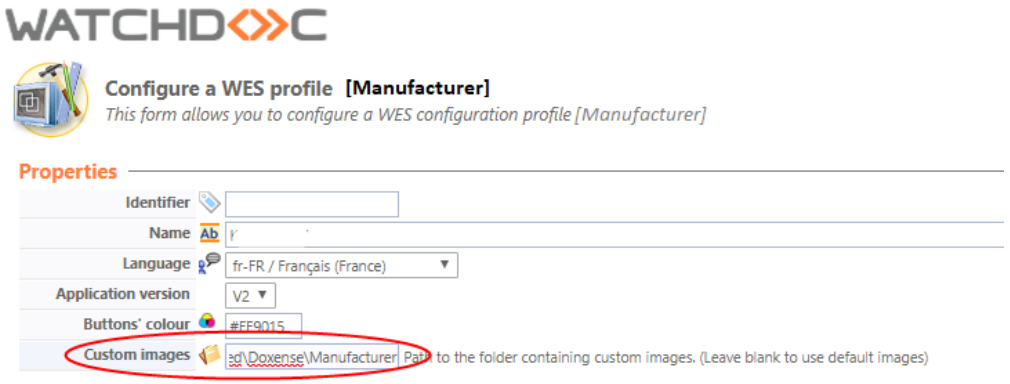
4. in the customised manufacturer folder, replace each original image with your own images, respecting the size of the original images (go to the images properties to know the detailled sizes):
   To make sure that the dimensions are respected, you can resize the custom images by overlaying them on the default images:
   1. open the default image in an image editor (such as MS Paint);
   2. overlay the custom image on the default image and size it by overlaying;
   3. Save the resized custom image with the name of the default image.

The number of images contained in the folder varies depending on the manufacturer and functionality of the WES:

- **large banner**: image displayed on the authentication screen before choosing the authentication mode (absent if the WES does not offer authentication) ;
- **small_banner:** image displayed on the authentication screen after the authentication mode has been chosen (absent if the WES does not offer authentication);
- **logo_small:** image displayed at the top of the print management interfaces;
- **logo:** image displayed on the WEScan home panel (220x25 px).

> For Canon MEAP devices, the large banner must be 640 px x 275 px. > On the 275 px height, keep 10 px lower margin so that the image is not truncated

5. in the WES profile interface, go to the **WES Properties** section;
6. In the **Custom Image** field, enter the path to the folder where your customised images are saved (C:\Program Files\Doxense\Watchdoc\Images\Embedded\[Manufacturer]_custom);



7. click on Validate to save the WES profile configuration;
8. then verify onto the device screens that the WES is customised with your images.o