



Gespage eTerminal

Xerox

Manual

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1. Introduction

Xerox eTerminal is a Gespage software module dedicated to Xerox MFPs. This module uses the integrated touchscreen of the MFP.

This module enables an authentication at the MFP to provide the following functions:

- Print2me secured print with user authentication (by login / password, print code, card) and user-friendly selection of the documents to print
- Modification of the job properties in accordance with the printing policy (print in B&W, in duplex or change in the number of copies).
- Scan by email or to a home directory.
- Payment and accounting of prints, copies and scans in Gespage.
- Access rights to copy, print (B&W, colour) and functions.
- Management and configuration of the terminal from a user-friendly Web interface.



1.1 Compatibility

Gespage eTerminal is compatible with all Xerox MFPs fitted with a touchscreen, from EIP v2.0 versions.

For detailed information about supported models, it is recommended to consult **CartadisDB**.

The card readers that can be connected are Cartadis card readers such as TCM3 or TCM4.



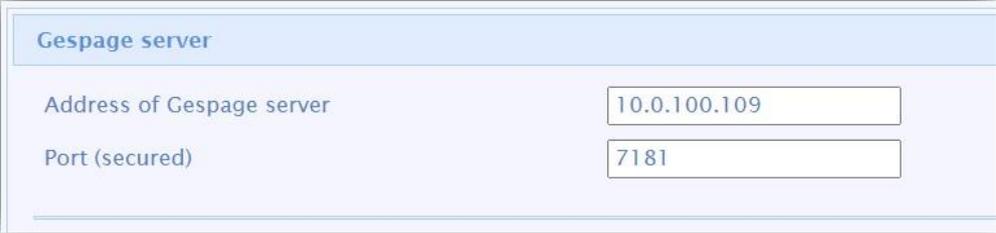
2. Configuration

2.1 eTerminal configuration

2.1.1 Gespage general configuration

2.1.1.1 Global parameters

Gespage server address (IP or name) has to be checked in the global parameters of the server (*Server/Global Parameters*) to get a correct remote configuration of the Xerox eTerminal.



The screenshot shows a configuration window titled "Gespage server". It contains two input fields: "Address of Gespage server" with the value "10.0.100.109" and "Port (secured)" with the value "7181".

Gespage server	
Address of Gespage server	10.0.100.109
Port (secured)	7181

2.1.1.2 Licences

Make sure that the required licences are available. Information about your Gespage server and the licences bought are available from *Server / Support / Licence*.

An eTerminal can be installed only if you have the Xerox eTerminal licence associated or if your server is in demo mode.



The screenshot shows the 'View licence' page in the Gespage eTerminal Xerox web interface. The page has a navigation bar at the top with a gear icon and menu items: Server, Configuration, System, Tasks, Web access, Mobile printing, Document flow, and Support. Below the navigation bar is a green header with a document icon and the text 'View licence'. The main content area is divided into two sections: 'License' and 'License registration'.

The 'License' section displays the following information:

- Signature: 9GOC87CR
- Mode: Active (under maintenance)
- Maintenance end date: 30 nov. 2023
- Qty of printers: 100
- Qty of physical printers: 1

Below the license details is a table with the following data:

Terminals	Mode	Details	Date	Number of devices
eTerminal Xerox	Active (under maintenance)		30 nov. 2023	2

The 'License registration' section contains the text 'Register your license key' and a file upload area with a 'Parcourir...' button and the text 'Aucun fichier sélectionné.' Below this is an 'Approve' button.

To save a new licence, you need to upload and validate it after purchase.

2.1.1.3 Network flows

Xerox eTerminal communicates to Gespage service on TCP ports 7180/7181. Gespage communicates to the Xerox eTerminal using SNMP UDP port 161 (for push configuration).

2.1.2 General configuration of the eTerminals

In the screen of Xerox eTerminals general configuration, set up the parameters to be applied to all Xerox eTerminals on the site.

The type of authorized login and the card association method are among these parameters.

2.1.2.1 General parameters

Xerox general parameters are available from the menu *Terminals / General configuration / eTerminal / Xerox*.

The screenshot shows a configuration window with two tabs: 'General parameters' (selected) and 'Advanced parameters'. The window is divided into three sections:

- Authentication method used with Cartadis terminal:** A dropdown menu is set to 'Input of account and password'.
- Xerox card association parameters:** Two radio buttons are present. 'Done by the users' is unselected, and 'Done by the administrator' is selected.
- User session parameters:** A dropdown menu is set to 'en', and a checkbox for 'Allow pending jobs auto selection' is checked.

Authentication method used with Cartadis terminals

For a keyboard login

Parameter used to enter the user login on the keyboard.

- 1. Input of Gespage account only:**
The user will only enter his Gespage login.
- 2. Input of account and password**
The user will enter his Gespage login and hispassword.
- 3. Input of the print code**
The user will enter his print code.

Xerox card association parameters

Association card ID to user

At the first user's card use and if the card number is not known by Gespage, a method of association of the card must be defined. It enables the user's card number to be stored in the Gespage account. This association only applies at the first card swipe.

- 1. Done by the users**
When a user will use an unknown card, he will have the possibility of authenticating by the keyboard at the login screen. The self-association of the card will be required only once during the card life time.
- 2. Done by the administrator**
All the card numbers of the users have to first be configured in Gespage. The initialization can be carried out by the administrator or the LDAP synchronization mechanism.

User session parameters

Device locale

Setting of the language used for the authentication application on the Xerox MFP.

Allow pending jobs auto selection

This parameter enables all pending prints to be automatically selected during login.

2.1.3 Application settings

Before configuring the MFP, the printer matching your MFP must first be configured on your Gespage server.

When configuring your MFP via the Web interface, it is recommended to check that the MFP is not turned off or on standby and that nobody is logged in on it.

The web interface of your MFP is accessible by just entering its IP address in your browser, using the ID "admin" and the password (default is "1111").

According to the range, the configuration of your MFP may be different.

2.1.4 Configuration of an eTerminal

The eTerminal is created directly via the Gespage administration page under the menu *Printers / Terminals / Add terminal / Add eTerminal / Xerox*.

A pop-up is displayed asking to use the configuration of the terminal setting.

When checked, a default setting is applied to create the eTerminal.

This functioning mode is described § [2.1.5](#).

To add only one eTerminal, this box must be unchecked.

2.1.4.1 eTerminal general parameters

The screenshot shows the 'Add a Xerox eTerminal' configuration interface. It features three tabs: 'General parameters', 'Access and accounting', and 'Advanced parameters'. The 'General parameters' tab is active and contains the following settings:

- Xerox** (Section Header)
- Name**: A text input field.
- Comments**: A text input field.
- Reader profile**: A dropdown menu with a '-' symbol.
- Print job release**: Radio buttons for 'Manually' (selected) and 'Automatically'.
- Manual releasing condition**: Radio buttons for 'All jobs are automatically released after user login' and 'Jobs are released after a keyboard selection' (selected).
- Enable Operator release**: A checked checkbox.
- Allow to change job properties**: An unchecked checkbox with the note '(depending on printer driver or printer version)'. This option is disabled.
- Push application**: A checked checkbox.
- Admin login**: A text input field containing 'admin'.
- Admin password**: A text input field.
- Enable 'My printouts' button - New UI (recommended)**: A checked checkbox.
- Enable 'My printouts' button - Old UI**: An unchecked checkbox.
- Activate Gespage Mobile button on printer**: An unchecked checkbox.
- Reboot unit**: An unchecked checkbox.

Name

The eTerminal name must be filled in. The name is free but 2 identical names cannot be entered.

Comments

Comment of the eTerminal in Gespage. Comments are optional.

Reader profile

Name of a reader profile associated with the card reader (see Gespage manual). The reader profile is an advanced parameter useful when non-standard card readers have to be connected or when the numbers of the cards stored on Gespage do not match the standard format.

Print configuration parameters

Print job release

Indicates whether printings sent to the MFP are kept as long as the user is not identified.

1. Manually (Print2me function)

The user must always login to release his documents. This is the configuration to choose for getting a secured printing.

2. Automatically

The documents are printed as soon as they are received if the user's credit is sufficient, they are nevertheless accounted.

Manual releasing condition

This parameter specifies the behaviour in the case of manual release of prints (Print2me).

1. All jobs are automatically released after user login

Once the user is identified, all his printings are released from the queue.

2. Jobs are released after a keyboard selection

Après l'identification de l'utilisateur, un écran indique à l'utilisateur toutes les impressions en attente et lui offre la possibilité de les débloquer ou supprimer individuellement.

Enable operator release

This parameter enables operator printing at the MFP. Operator printing enables documents of other users to be released for certain authorized users (executive secretary, reprographic service). To set up the operators' accesses at level of users' accounts, please refer to the Gespage manual.

Parameters for enabling embedded release options (available according to driver)

The following settings enable release options on the eTerminal.

These parameters must be set in accordance with the printing policy and the default driver configuration.

These forcings at the eTerminal level indeed aim to facilitate the selection of printing options for users and avoid them to use the more complex parameters of the driver.

ATTENTION: The availability of forcings may depend on the driver.

eTerminal publish settings

Push application

This parameter enables authentication to be performed on the MFP when validating the page.

Admin login

Administration login of the multifunction, by default "admin"

Admin password

MFP administration password, by default "1111".

Enable "My printout" button – New UI (recommended)

The application is enabled in the new display mode. This parameter should not be checked at the same time as the button for the old UI.

Enable "My printout" button – Old UI

The application is enabled in the old display mode. This parameter should not be checked at the same time as the button for the new UI.

Activate Gespage Mobile button on printer

For guests, this setting enables the mobile print button on the eTerminal login page. It allows guests (users without a Gespage account) to enter a document code to release a document (free of charge) previously submitted by using the Gespage mobile printing features (see the Gespage manual for more details).

Reboot unit

Some parameters displayed on the multifunction require a restart to be taken into account. This button automatically restarts the copier at the end of communication between Gespage and the copier.

2.1.4.2 Access and accounting

The screenshot shows the 'Edit a Xerox Terminal' configuration interface. The 'Access and accounting' tab is selected. The settings are organized into several sections:

- Device access:**
 - Force log in to copy:
 - Force log in to scan:
 - Force log in to fax:
 - Allow scan to USB:
 - Allow print from USB:
 - Login screen: Xerox (dropdown menu)
- Accounting/Debit for MFP functions (JBA):**
 - Level: Standard (dropdown menu)
 - Clean JBA log at push (advanced):
- Push configuration settings:**
 - Push login settings automatically:
 - Set accounting settings automatically:
- LDAP configuration settings for user access right activation (Xerox RBAC) and address book:**
 - Directory Service Properties:
 - Search Base: ou=gespagetest109/xerox,dc=gespage,dc=local
 - User Name: uid=gespage,ou=gespagetest109/xerox,dc=gespage,dc=local

Access to the machineForce log in to copy – to scan – to fax

These parameters define if access to these functions is subject to authentication.

Allow scan to USB – Allow print from USB

These settings define access to USB functions.

Login screen

The two following values are available:

Xerox

The Xerox applications menu is displayed by default. You must then click on the login button at the top right of the screen or on an application subject to authentication to log-in.

Gespage

The Gespage authentication page is displayed by default.

Accounting/Debit for MFP functions (JBA)

Level

This parameter enables the desired accounting level to be selected.

The three following values are available:

Standard

Copies and prints are made without limits during the user's session. If the user has reached his quota during the session, the user's account credit becomes negative at the end of the transaction.

Advanced (Zero stop copy)

The current session of copies automatically stop when the user account quota reaches zero.

None

There is no accounting applied during the transaction on copies and scans.

Clean JBA log at push (advanced)

This parameter should only be checked at the first application publishing if the copier was already equipped with an authentication system before Gespage application setting up.

It must be unchecked after the first push otherwise the accounting data will be deleted each time the application is published.

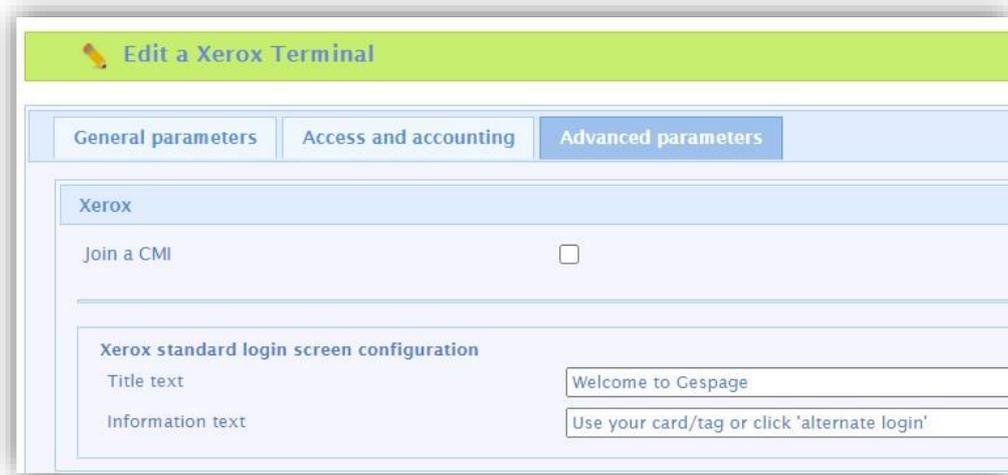
Push configuration parameters

These parameters must be enabled if the machine access parameters or the accounting parameters must be published at each validation after the edition of the eTerminal.

LDAP configuration settings for user access right activation (Xerox RBAC) and address book

These are links generated automatically after the first publication of the eTerminal. They facilitate the implementation of user access rights on the MFP.

2.1.4.3 Advanced parameters



Join a CMI

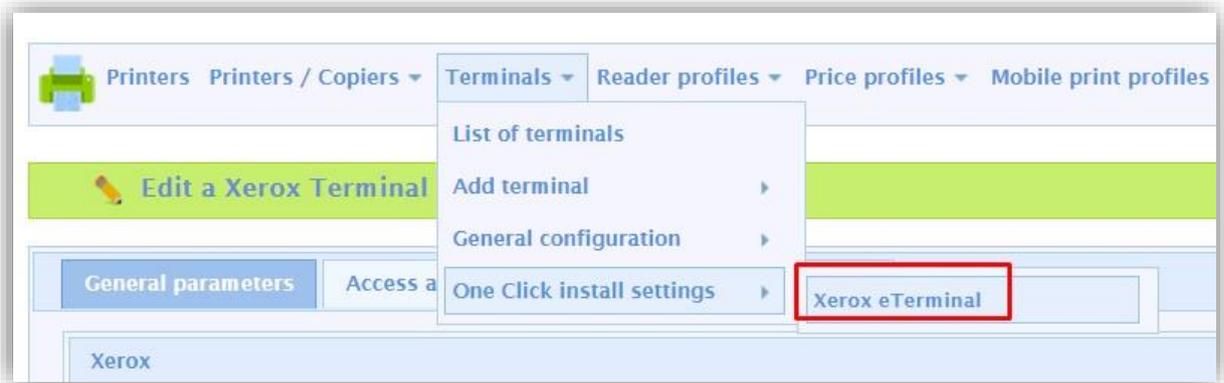
This menu allows you to associate a Cartadis CMI network card reader for MFPs that are not compatible with USB card readers.

Xerox standard login screen configuration

This menu allows you to modify the title and information text of the Xerox authentication page.

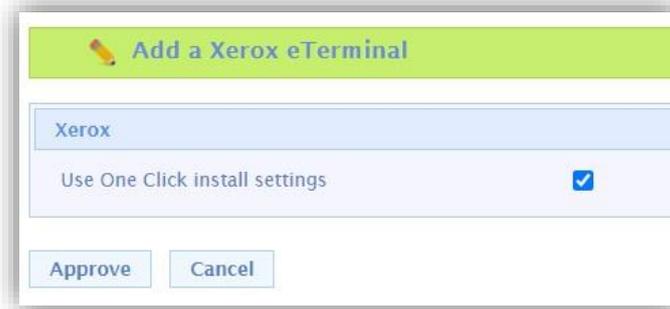
2.1.5 eTerminal configuration install settings

The above mentioned parameters can be configured in a install settings:



These install settings can be useful for installing several eTerminal with the same configuration.

In this case, just keep the box checked when creating the eTerminal:



2.1.6 Checking and configuration

It may be necessary to check that the information published on the eTerminal has been taken into account.

Some parameters also need to be configured manually.

If this is the case, the information to check is as follows:

Checking links

The connection links sent to the machine must first be checked.

They can be viewed using a tool called *reg_client.exe*, supplied on request to your Gespage support.

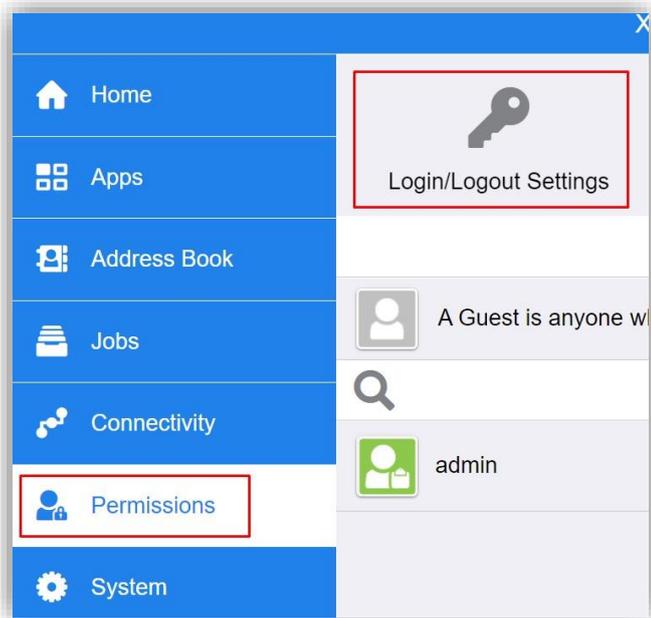
The value of the three links below is verified:

- Service Url: http://IP_Gespage:7180/gespage/webapp/eterminal/xerox/login.xhtml
- Description Url: http://IP_Gespage:7180/gespage/XeroxDispTextXML
- Small Icon Url: http://IP_Gespage:7180/gespage/image/terminal/printer_secv2_64.png

2.1.6.1 Configuration on VersaLink range

Checking the connection parameters (to check)

The connection/disconnection parameters can also be checked via the *Permissions / Login / Logout Settings* menu, then by choosing "Modify" in the "Convenience:" parameter.



The configuration should be as follows:

Convenience Login

Server

IP Address : Port* 10.0.100.22 : 7181

Path gespage/SmartAuthServerService

Alternate Login

Allow users to log in without their card?

Yes

No

Accounting Codes

Get codes automatically from server.

Users must manually enter codes at the Device.

Device Website Login Method

Local Edit

Network Select

* Required

Cancel OK

The "IP address: port *" field must match the IP address of the Gespage server. The port used must be port 7181.

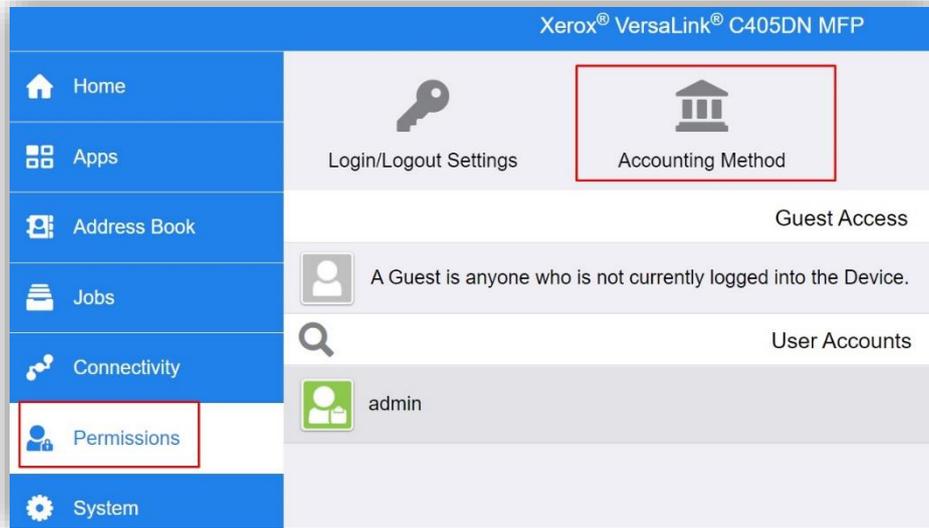
The path must be ***gespage/SmartAuthServerService***.

The *Alternate Login* menu is used to define whether a user, without a card, can log-in. When set to "Yes", another login button is displayed in the Xerox login menu to allow authentication using a keyboard.

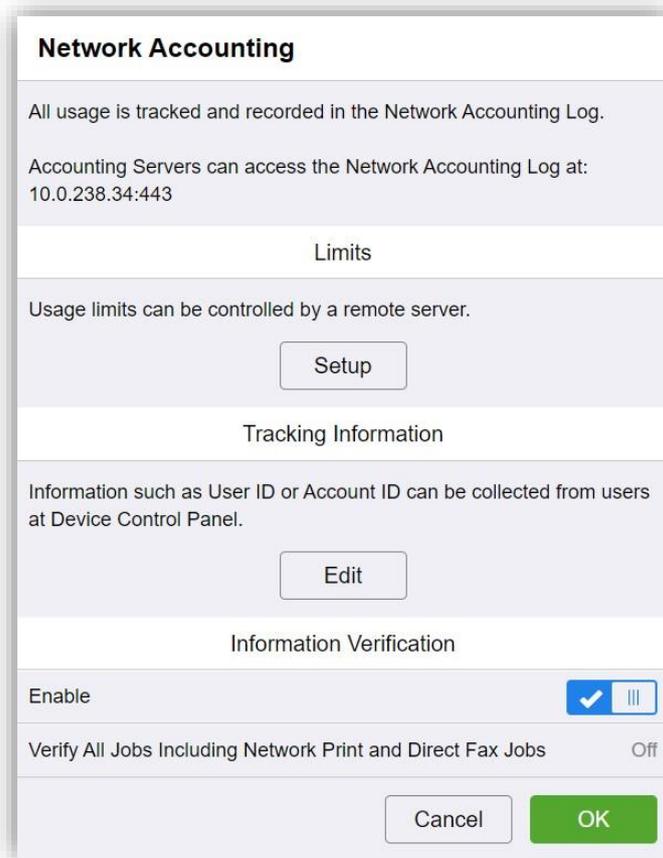
The "Accounting Codes" field must be set to "Get codes automatically from server".

Checking the accounting method

The accounting method can also be checked via the *Permissions / Accounting Method* menu, then by choosing "Modify" in the "Network" parameter:



the *Network Accounting* menu is displayed:



The configuration of the "Limits" can be checked:

Limits

Limits Server

Server URL*

https://10.0.100.22:7181/gespage/JobLimitsDeviceService

Timeout (10-180 Seconds)

30

What to Limit

Copies	<input checked="" type="checkbox"/>
Prints	<input type="checkbox"/>
Scans	<input checked="" type="checkbox"/>
Emails	<input type="checkbox"/>

* Required

Cancel OK

The Server URL must be the following:

https://@_IP_du_serveur:7181/gespage/JobLimitsDeviceService

The limits will be applied to the functions where the limits will be enabled: copies and scans.

It is not necessary to apply a limitation on the prints, they are supervised by the application server, and not the MFP.

Notifications for "Tracking Information" should be disabled:

Tracking Information

User ID

Default Label	<input type="text" value="UserID"/>
Default Value	<input type="text"/>
Ask Users	<input type="checkbox"/>

Account ID

Default Label	<input type="text" value="AccountID"/>
Default Value	<input type="text"/>
Ask Users	<input type="checkbox"/>

When to Prompt

Select which functions will display the prompt.

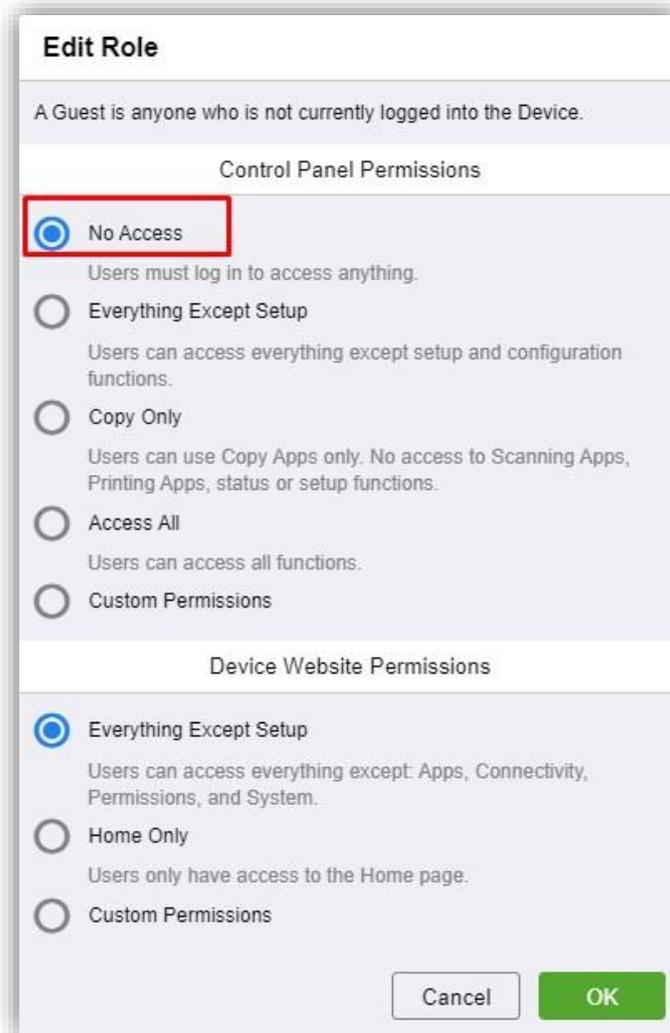
Copy	No Prompt
Print	No Prompt
Scan	No Prompt
Fax	No Prompt

Locking permissions for users

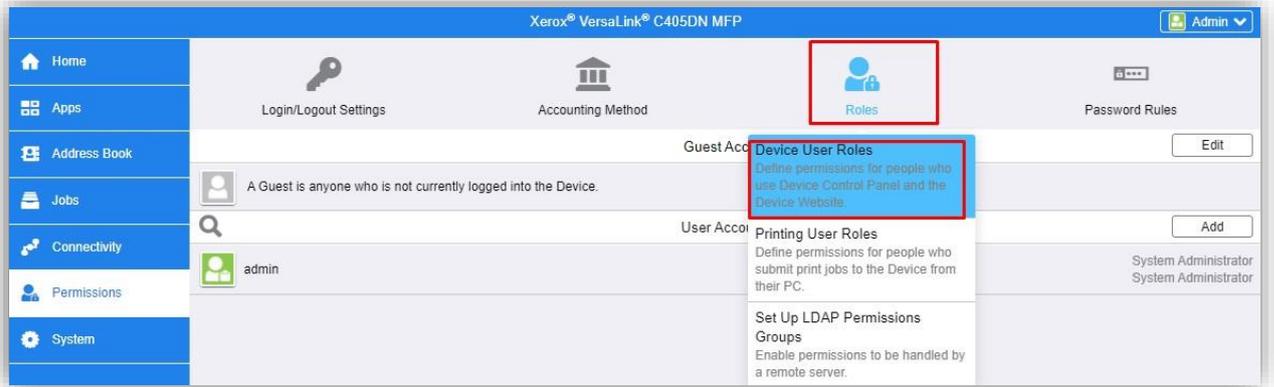
When no one is connected to the MFP, access to the MFP functions can be configured in the *Permissions* menu by clicking on "Edit" then "Device User Roles" in "Guest access"



then select "No access":



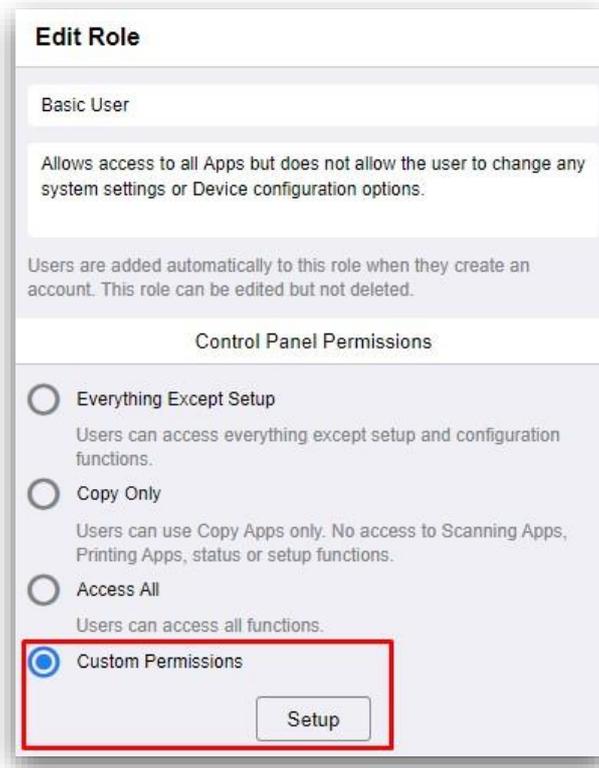
For logged in users, the ability to access the *Device* menu of the copier must be prohibited in the *Permissions / Roles / Device User Roles* menu so that the parameters cannot be changed.



then in "Edit" for "Custom Permissions" in "Basic User":



then select "Custom Permissions" then "Setup":



Edit Role

Basic User

Allows access to all Apps but does not allow the user to change any system settings or Device configuration options.

Users are added automatically to this role when they create an account. This role can be edited but not deleted.

Control Panel Permissions

- Everything Except Setup
Users can access everything except setup and configuration functions.
- Copy Only
Users can use Copy Apps only. No access to Scanning Apps, Printing Apps, status or setup functions.
- Access All
Users can access all functions.
- Custom Permissions

Setup

then select the "Device" button and "Hide" access from the device:



Device Permissions

Access Device

- Allow
- Hide

Cancel

OK

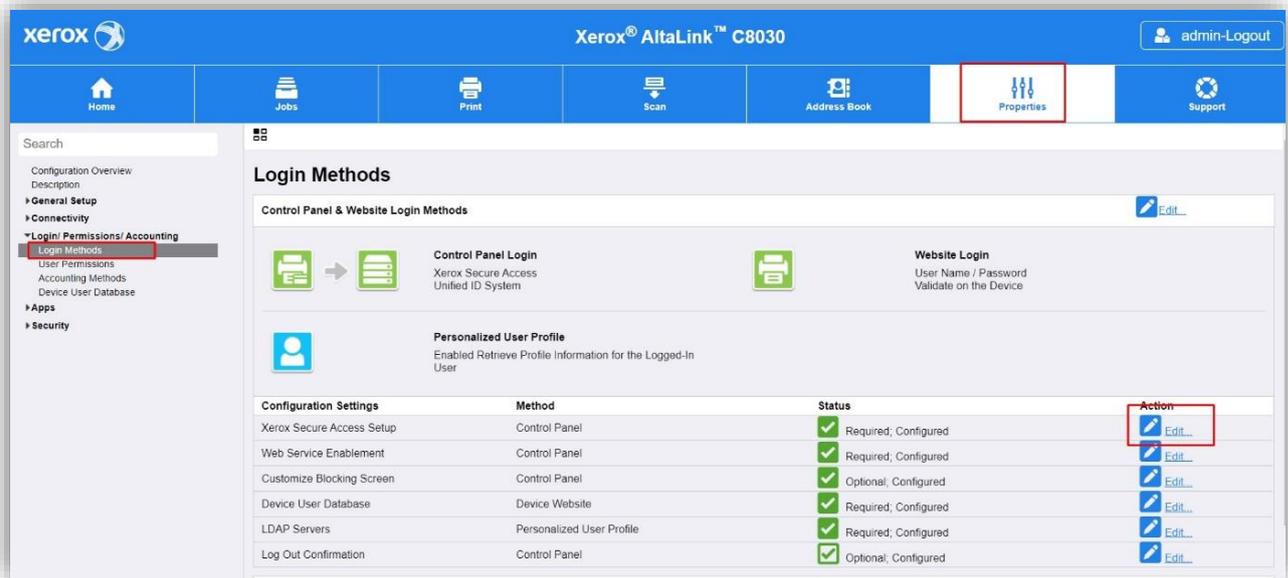
Device

Close

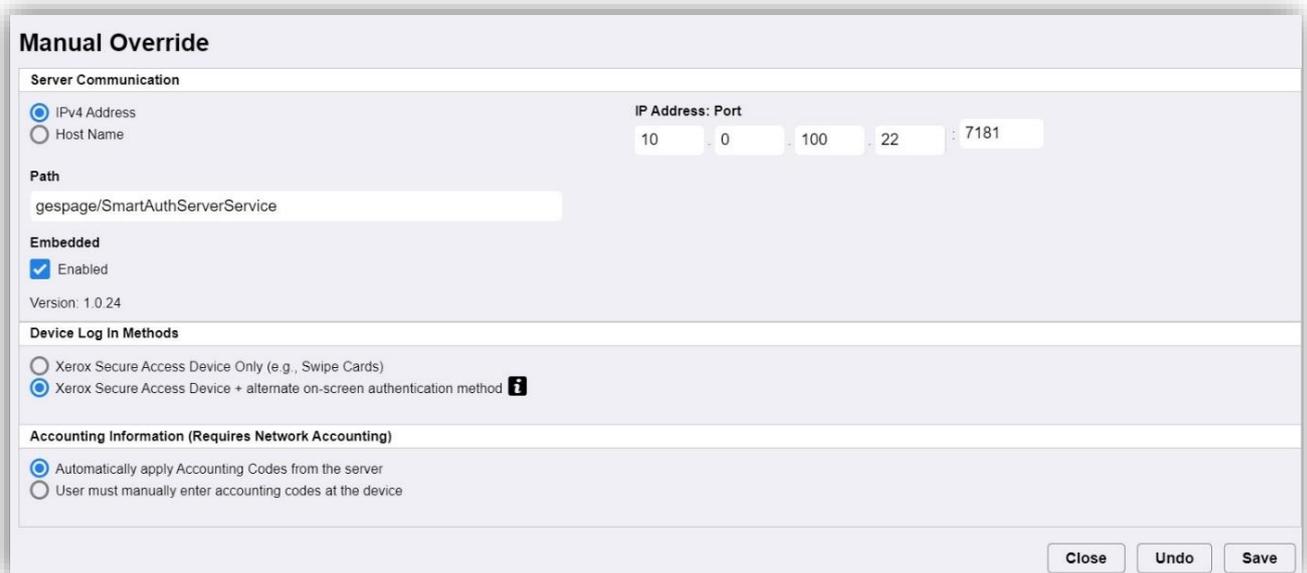
2.1.6.2 Configuration on Altalink range

Checking the connection parameters (to check)

The connection/disconnection parameters can also be checked via the *Properties* menu then *Login Methods / Xerox Secure Access Setup*:



The configuration should be as follows:



The "IP address: port" field must match the IP address of the Gespage server. The port used must be port 7181.

The path must be *gespage/SmartAuthServerService*.

The *Device Log in Methods* menu is used to define whether a user, without a card, can log-in. To also activate authentication by keyboard, login + password or print code, "Xerox Secure Access Device + alternative on-screen authentication method" must be checked.

The "Accounting Information (Requires Network Accounting)" field must be set to "Automatically apply Accounting Codes from the server".

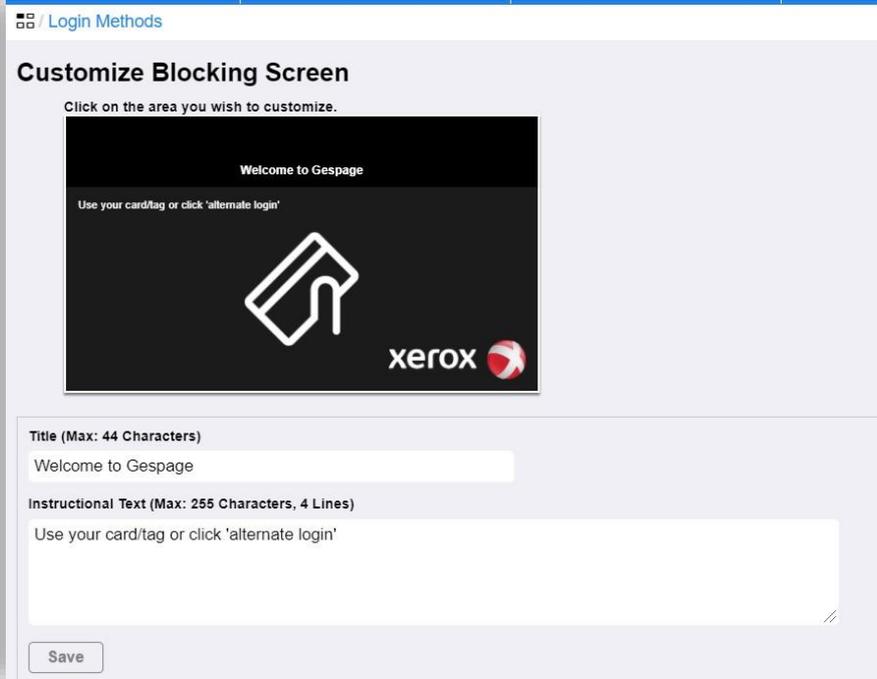
Customizing the lock screen

The locking screen for authentication may be customised by adding a title and an instructional text:



The screenshot shows the Xerox eTerminal configuration interface for a Xerox® AltaLink™ C8030. The 'Properties' tab is selected, and the 'Login Methods' section is visible. The 'Customize Blocking Screen' option is highlighted in the configuration table.

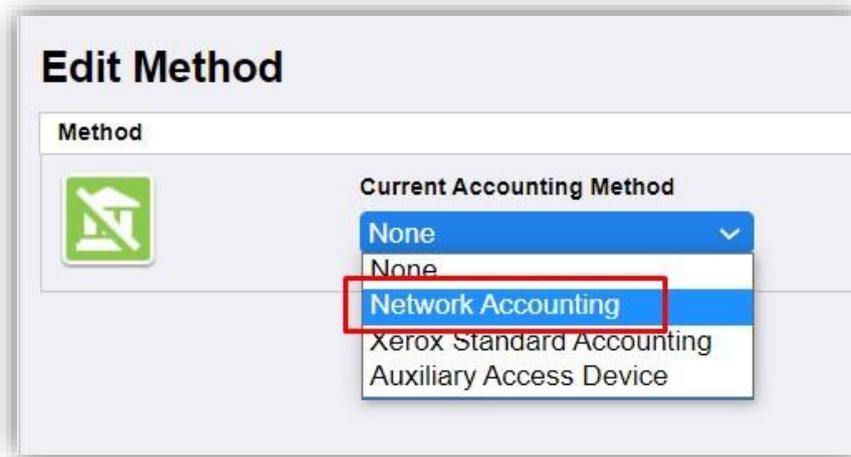
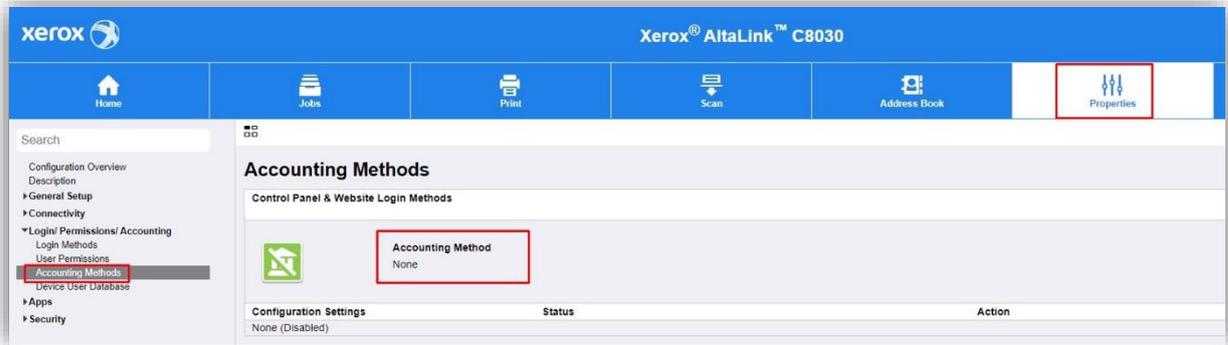
Configuration Settings	Method	Status	Action
Xerox Secure Access Setup	Control Panel	Required, Configured	Edit...
Web Service Enablement	Control Panel	Required, Configured	Edit...
Customize Blocking Screen	Control Panel	Optional, Configured	Edit...
Device User Database	Device Website	Required, Configured	Edit...
LDAP Servers	Personalized User Profile	Required, Configured	Edit...
Log Out Confirmation	Control Panel	Optional, Configured	Edit...



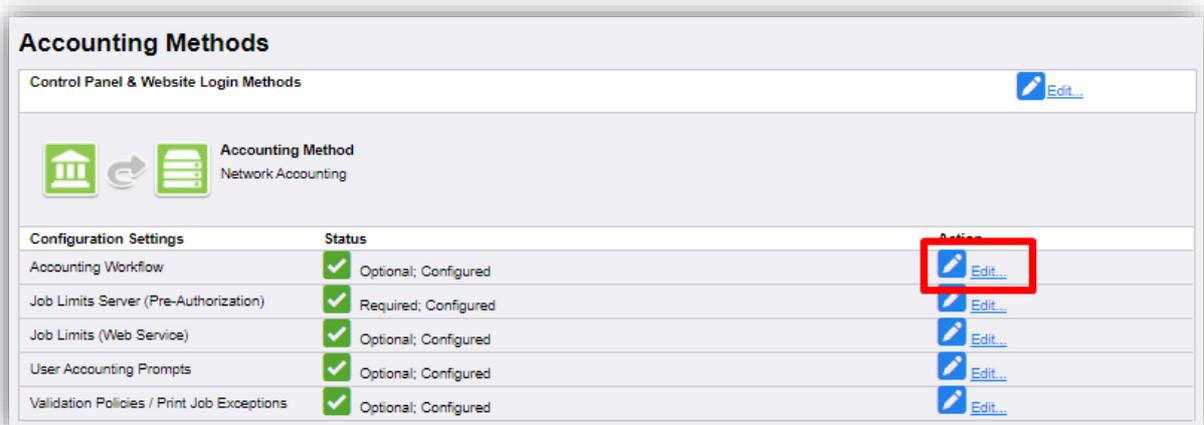
The screenshot shows the 'Customize Blocking Screen' configuration page. It features a preview of the lock screen with the text "Welcome to Gespage" and "Use your card/tag or click 'alternate login'". Below the preview are input fields for "Title (Max: 44 Characters)" and "Instructional Text (Max: 255 Characters, 4 Lines)", both containing the same text as the preview. A "Save" button is located at the bottom.

Checking the accounting method

The accounting method can also be checked via the *Properties* menu then *Accounting Methods*, click on the "Accounting method" button then select "Network Accounting":



Once the "Network Accounting" method is chosen, the "Accounting Workflow" must be configured, then the *Job Types* "Copy Jobs" and "Scan Jobs" must be set to "Pre-Authorization and Capture Usage":



Accounting Workflow

Job Types	Impacted Apps	Accounting Workflow
Copy Jobs	 	Pre-Authorization and Capture Usage ▼
Print Jobs	 	Capture Usage ▼
Scan Jobs	  	Pre-Authorization and Capture Usage ▼
Email Jobs		Capture Usage ▼
Server Fax Jobs		Capture Usage ▼
Internet Fax Send Jobs		Capture Usage
Internet Fax Receive Jobs		Capture Usage

Cancel Save

The *Job Limits Server* menu is displayed and will allow you to configure the job accounting server:

Accounting Methods

Control Panel & Website Login Methods  Edit...

  Accounting Method
Network Accounting

Configuration Settings	Status	Action
Accounting Workflow	✓ Optional; Configured	 Edit
Job Limits Server (Pre-Authorization)	✓ Required; Configured	 Edit...
Job Limits (Web Service)	✓ Optional; Configured	 Edit...
User Accounting Prompts	✓ Optional; Configured	 Edit...
Validation Policies / Print Job Exceptions	✓ Optional; Configured	 Edit...

Job Limits Server

Server Communication

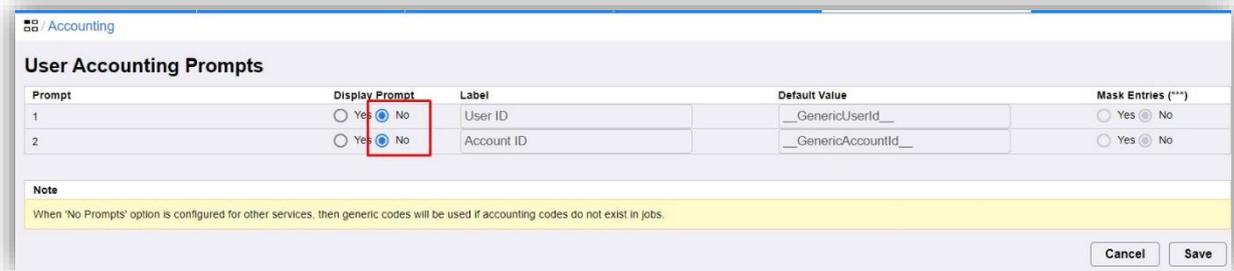
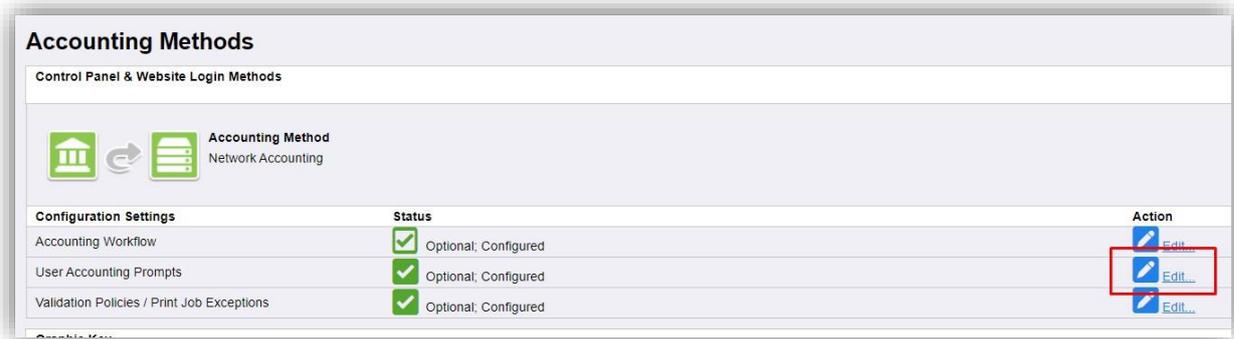
Server URL

Timeout
 seconds (10 - 180)

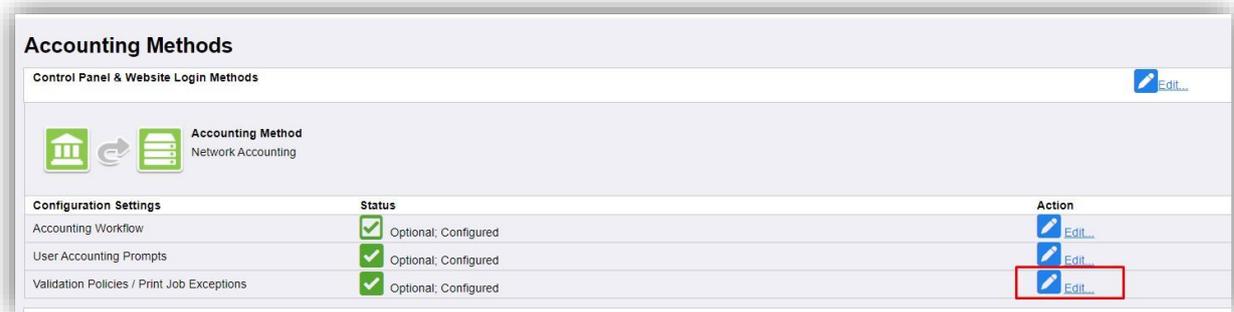
Back Save

The "Server URL" must be the following:
<https://@ IP du serveur:7181/gespage/JobLimitsDeviceService>.

then the "User Accounting Prompts" must be modified in order to disable them:



then also select manual start while keeping the accounting in the *Validation Policies* strategy menu



2.1.7 Installation of a card reader

The eTerminal is compatible with Cartadis TCM3 and TCM4 card readers.

For card login, the Cartadis TCM3 or TCM4 contactless card readers are recommended.

NOTE: The card reader has to be directly connected in USB on the MFP.



2.1.7.1 Card reader configuration on Xerox Altalink

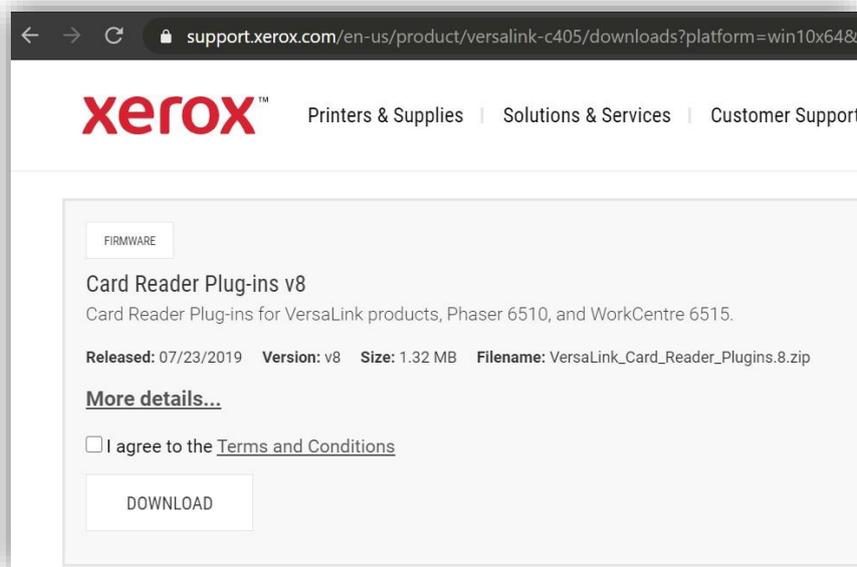
For the Altalink range, the card reader is recognized natively.

2.1.7.2 Card reader configuration on Xerox Versalink

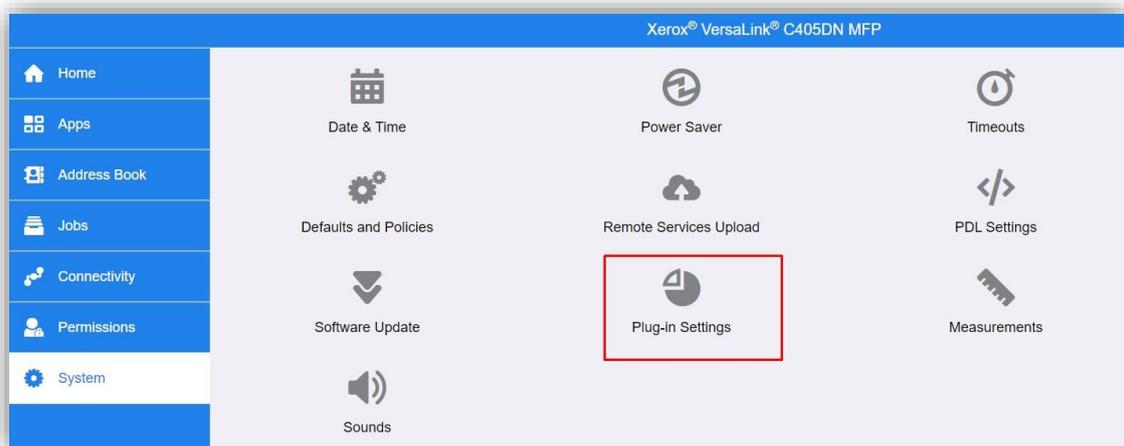
For the Versalink range, in order for the copier to recognize the card reader connected via USB, a driver must be installed to recognize the unit.

The driver can be downloaded directly from the Xerox site

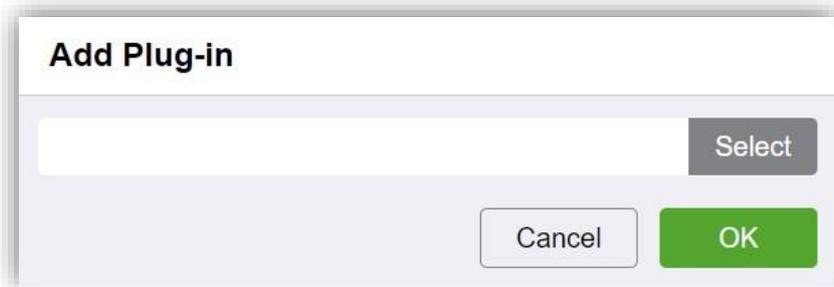
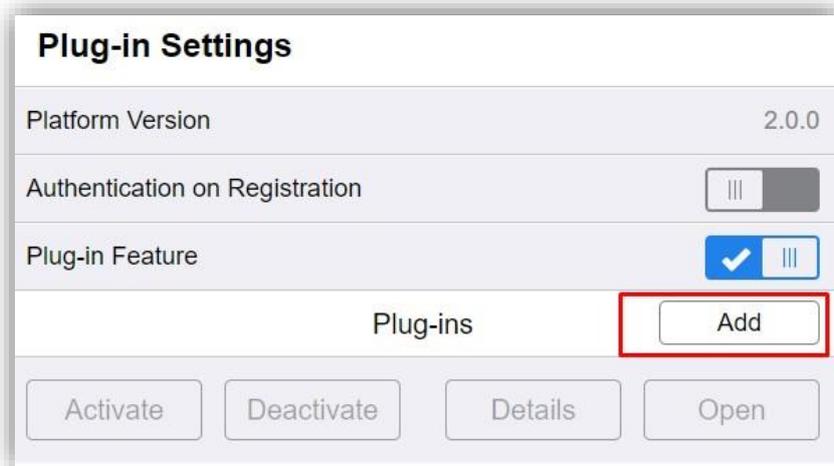
www.support.xerox.com/support/downloads on the same page as the printer driver download.



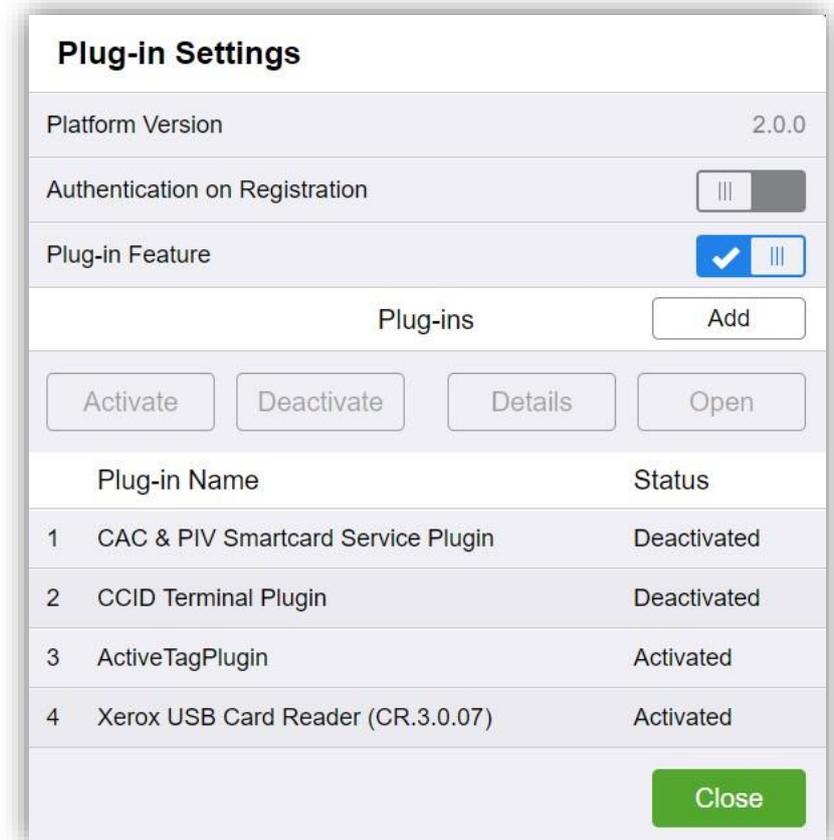
This driver is installed via the *System / Plug-in Settings* menu:



Then click on "Add" then load the downloaded plug-in:



The plug-in configuration should be as follows:

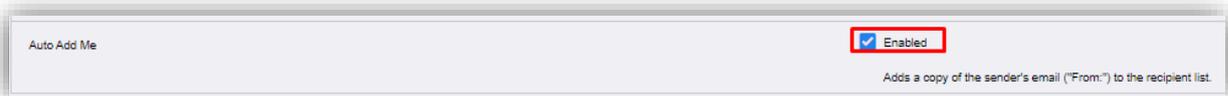
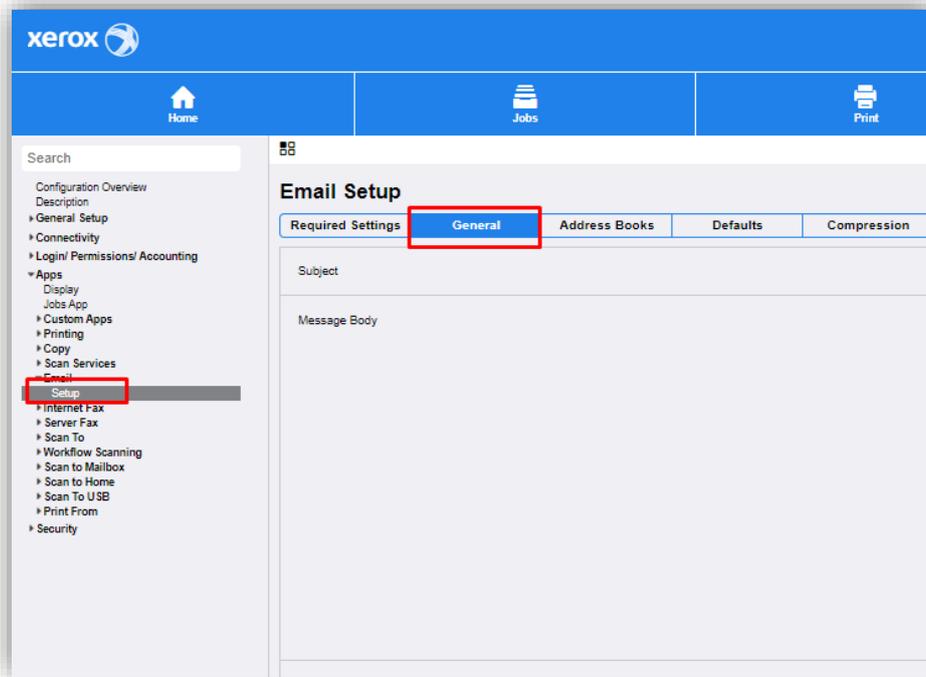


2.1.8 Scan to email configuration

2.1.8.1 Scan to mail configuration on Altalink

The user's email address can be filled in directly during authentication.

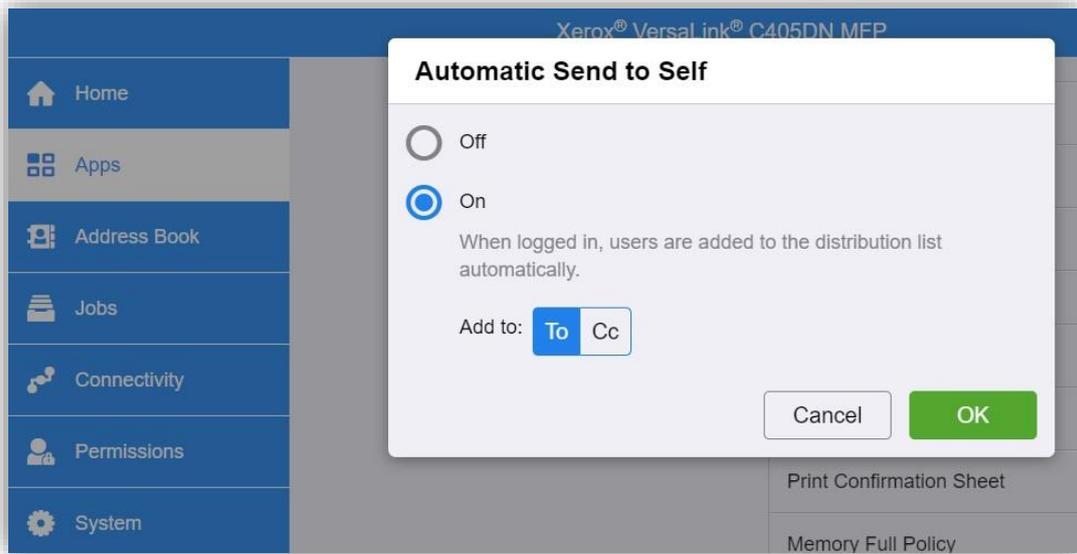
To do this, enable "Auto Add Me" in the menu *Apps/Email/Setup* under the tab *General*



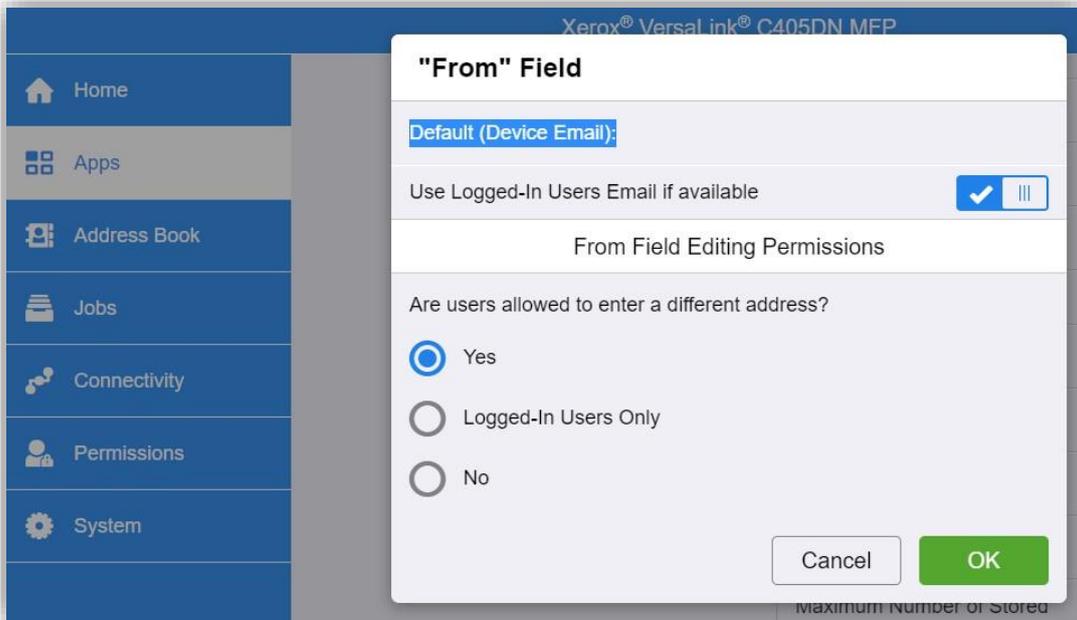
2.1.8.2 Scan to mail configuration on Versalink

The user's email address can be filled in directly during authentication.

For this, enable "Automatic Send to Self" in the *Apps* and *email* menu:



The sender's address is by default configured to use the email address of the MFP. This configuration may be modified in the same menu under the "From" Field" parameter:



2.1.9 Setting up access rights

The setting up of access rights to functions is not sent by the server to the MFP. If necessary, this configuration must be performed on the web page of the MFP.

Attention: this configuration runs only on machines of the Altalink range, there is no management of access rights on the Versalink range.

The configuration is performed in two steps.

2.1.9.1 LDAP configuration

The first step is to add an LDAP connection to the Gespage server.

The Gespage server features an LDAP proxy to allow querying of access rights according to user groups.

The configuration is to be performed in the *Connection/Access Authorisation /Accounting – Login Methods* menu then choose "Modify" for the LDAP server:

The screenshot shows the Xerox AltaLink C8030 web interface. The top navigation bar includes Home, Jobs, Print, Scan, Address Book, Properties, and Support. The left sidebar contains a search bar and a menu with categories like Configuration Overview, General Setup, Connectivity, Login Methods (highlighted), User Permissions, Accounting Methods, Device User Database, Apps, and Security. The main content area is titled 'Login Methods' and contains sections for 'Control Panel & Website Login Methods' and 'Personalized User Profile'. A table below lists configuration settings with columns for Method, Status, and Action. The 'LDAP Servers' row is highlighted in the sidebar, and the 'Edit' button for the 'Personalized User Profile' method is highlighted in the table.

Configuration Settings	Method	Status	Action
Xerox Secure Access Setup	Control Panel	Required, Configured	Edit
Web Service Enablement	Control Panel	Required, Configured	Edit
Customize Blocking Screen	Control Panel	Optional, Configured	Edit
Device User Database	Device Website	Required, Configured	Edit
LDAP Servers	Personalized User Profile	Required, Configured	Edit
Log Out Confirmation	Control Panel	Optional, Configured	Edit

then select "Add New":

The screenshot shows the Xerox web interface for the 'LDAP' configuration page. The top navigation bar includes Home, Jobs, and Print. The left sidebar contains a search bar and a menu with categories like Configuration Overview, Description, General Setup, and Connectivity. The main content area is titled 'LDAP' and contains three buttons: 'Add New' (highlighted in a red box), 'Copy From', and 'Delete All'.

The following configuration must be set up:

The screenshot displays the 'LDAP Server' configuration page in the Xerox management interface. The page is titled 'LDAP Server' and has four tabs: 'Server', 'Contexts', 'User Mappings', and 'Custom Filters'. The 'Server' tab is selected. The configuration is organized into several sections:

- Server Information:** Includes radio buttons for 'IPy4 Address' (selected), 'IPv6 Address', and 'Host Name'. The 'Friendly Name' is 'Gespage'. The 'IP Address: Port' is set to '10.0.100.109' and the 'Backup IP Address: Port' is '0.0.0.0:389'.
- LDAP Server:** A dropdown menu is set to 'Exchange'.
- Optional Information:** The 'Search Directory Root' is 'ou=gespagetest109/Xerox_altalink_C8030,dc=gespage,dc=local'. Under 'Login Credentials to Access LDAP Server', 'Device' is selected. The 'Login Name' is 'uid=gespage,ou=gespagetest109/Xerox_alt' and there are fields for 'Password' and 'Retype password'. A checkbox for 'Select to save new password' is present.
- Secure LDAP Connection:** 'Enable Secure Connection (LDAPS)' and 'Validate Server Certificate' are unchecked. A dropdown for 'Root/Intermediate Trusted Certificates' is set to 'GeoTrust Global CA'.
- Search Criteria:** 'Maximum Number of Search Results' is set to '100' (5-100) with 'Use LDAP Server Maximum' selected. 'Search Timeout' is set to '30' seconds (5-100) with 'Wait' selected. Under 'Perform Search on Mapped Field(s)', 'Name', 'Surname and Given Name', and 'Display Name' are checked. Under 'Sort Results by Mapped Field', 'Name' is selected. 'LDAP Referrals' is unchecked.

Friendly name

Name that you want to give to the LDAP service on the MFP.

IP Adress: Port

Gespage server IP address, the port must be 10389.

LDAP Server

It must be set to "Exchange".

Search Directory Root

This field must contain in "OU" the complete name of the printer in Gespage followed by the domain of Gespage, so: *ou= ServerName\PrinterName,dc=gespage,dc=local*.

Login Credentials to Access LDAP Server

It must set to "Device".

The connection name must be the same as for the search in the root of the directory, however "uid=gespage" is added at the beginning of the string to specify the name of the user.

The default password is 123456.

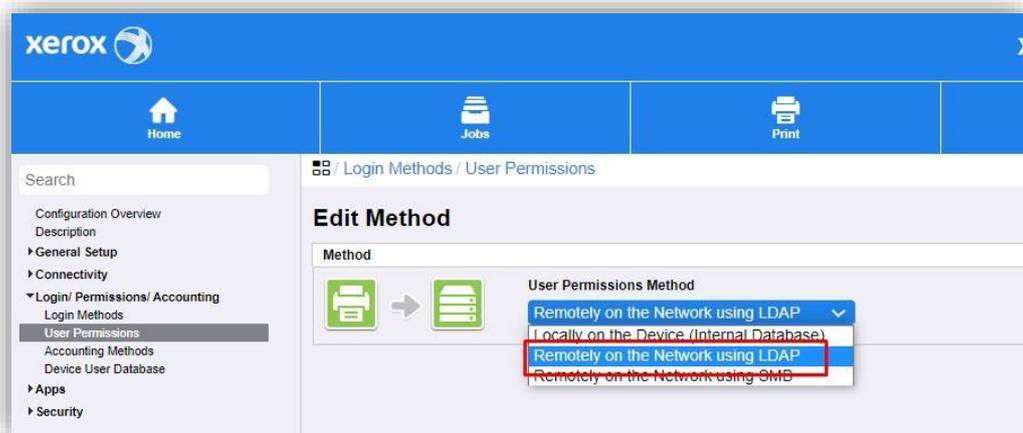
This password may be modified in the configuration of the Gespage LDAP proxy (see the Gespage manual).

The other parameters will depend on the configuration of our users on Gespage.

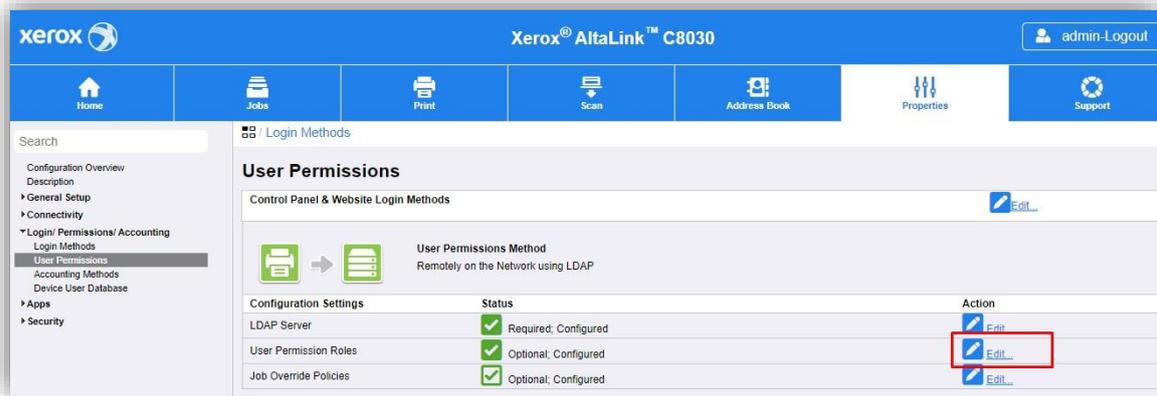
2.1.9.2 Access rights configuration on the MFP

The configuration of the access rights on the MFP are defined in the *Login / Permissions / Accounting - User Permissions* menu.

The method must be modified, select "Remotely on the Network using LDAP":



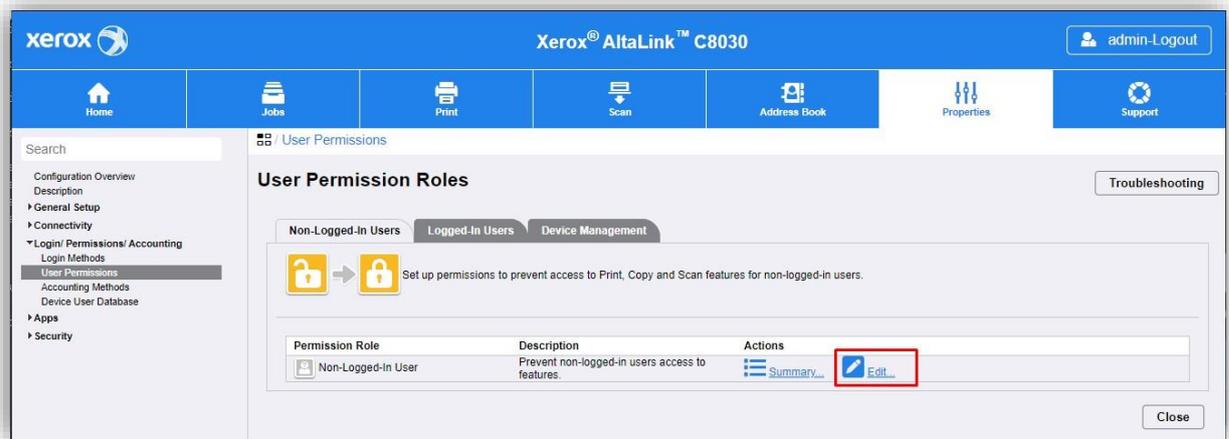
to define each right, then select "Edit" for "User Permissions Roles":



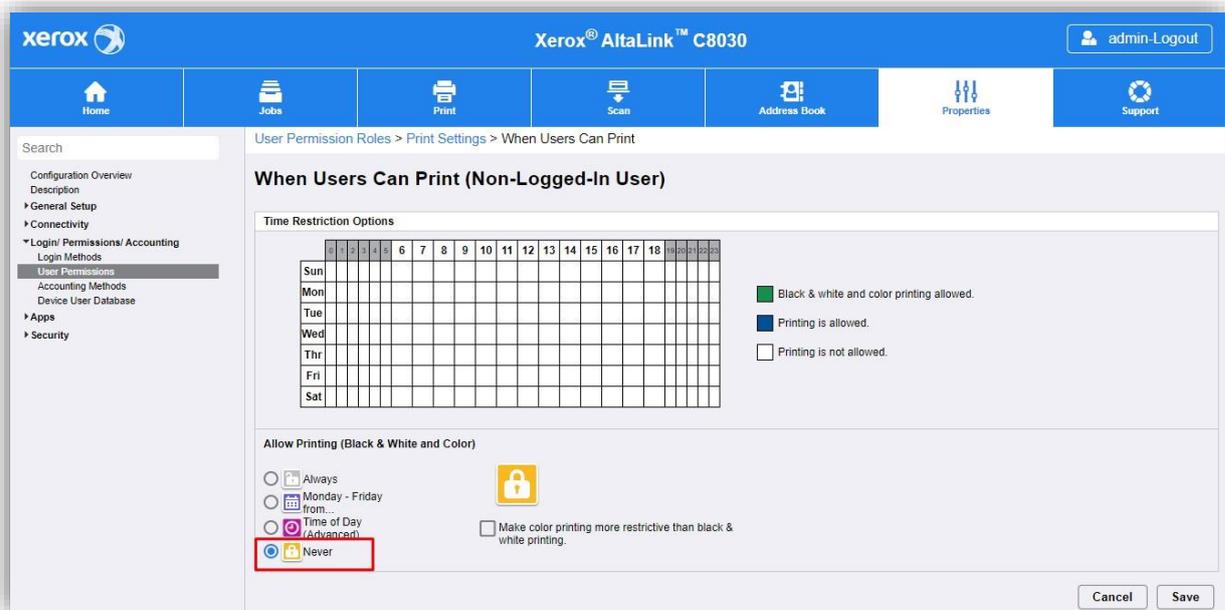
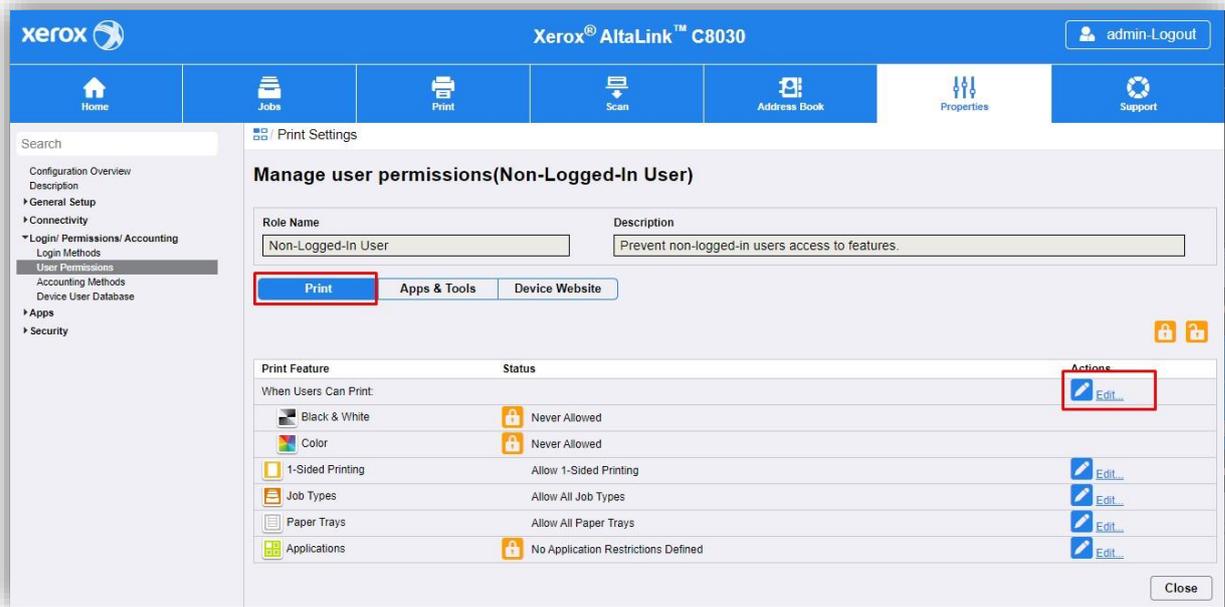
User Permission Roles page

Non-Logged-In Users

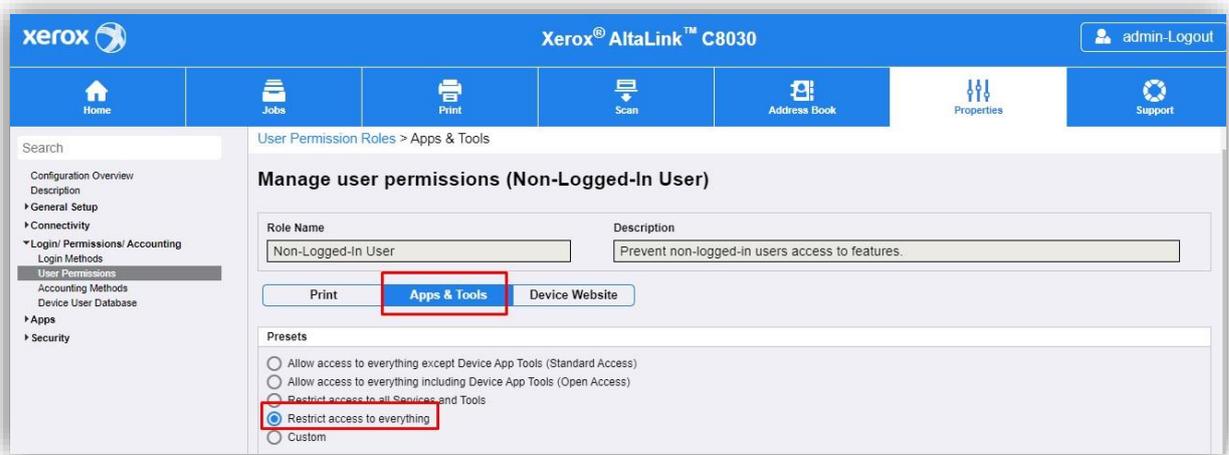
First of all, the rights for non-connected users must be specified on the MFP. You simply have to remove access to all functions when no one is connected but it is quite possible to maintain access to the scan, for example without authentication. Select "Edit" to define the rights:



Select "Edit" to disable prints then select "Never":



The *Apps & Tools* tab is used to disable access to the functions of the MFP. For users who are not logged in, "Restrict access to everything" can be selected. The access can be customised by function by selecting "Custom":



Logged-In Users

The definition of rights for logged-in users is carried out by adding roles to customise. Gespage features five roles that will be recovered at the MFP level. Then, for each of the roles, we will define the allowed access by the roles on the MFP.

The five available roles are:

- **BW_Print**: define the access rights if the user has the right to black and white printing.
- **BW_Copy**: define the access rights if the user has black and white copy rights.
- **Color_Print**: define the access rights if the user has the right to colour printing.
- **Color_Copy**: define the access rights if the user has the right to colour copy.
- **Scanning**: define the access rights if the user has the right to scan.

These roles refer to the access rights defined for the MFP in the Gespage administration menu:



The roles are added via the *Login / Permissions / Accounting - User permissions* menu under the *Logged-In Users* tab. Select "Add new role"



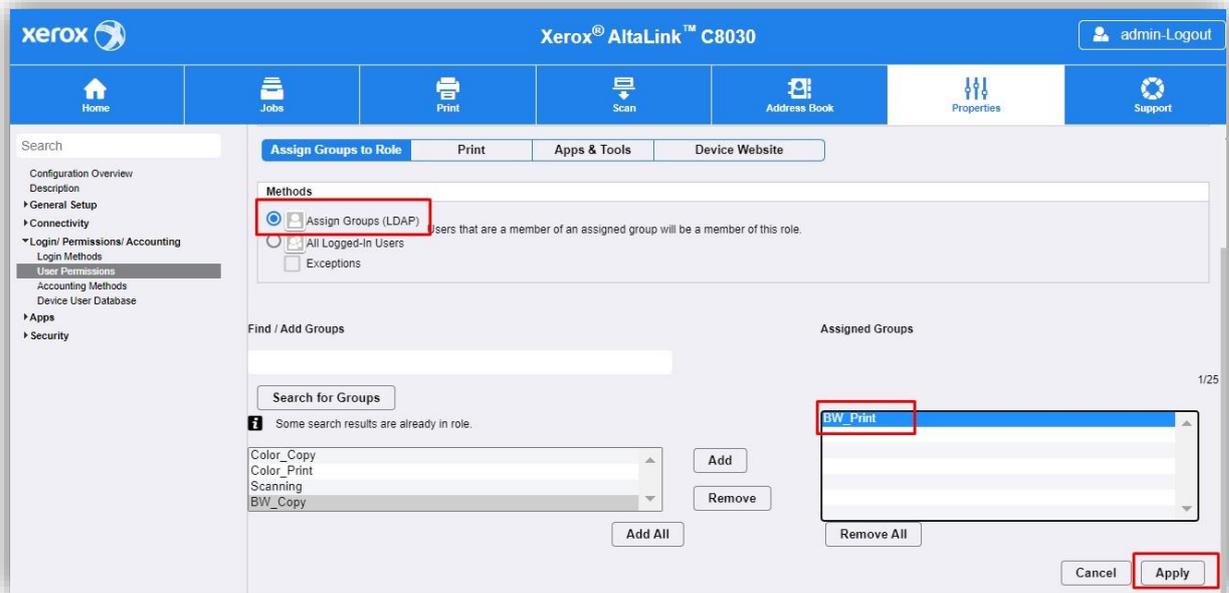
In our example, we will set the BW_Print option, so we must fill in the "Role name (Required)" then click on "Create":



The role configuration page is displayed.

"Assign Groups (LDAP)" must be selected in order to be able to recover the access rights present in Gespage then click on "Search for Groups" to display the groups of rights available.

Then select the group "BW_Print" in the list then "Add" to switch it to the right column finally click on "Apply":



We can then move to the *Print* tab to define the possible actions with this right for printing. Click on "Edit" to disable colour printing which cannot be possible for the "BW_Print" role:

Manage user permissions

Role Name: Description:

Assign Groups to Role: **Print** Apps & Tools Device Website

Print Feature	Status	Actions
When Users Can Print:		<input checked="" type="checkbox"/> Edit...
Black & White	Always Allowed	
Color	Always Allowed	
1-Sided Printing	Allow 1-Sided Printing	<input checked="" type="checkbox"/> Edit...
Job Types	Allow All Job Types	<input checked="" type="checkbox"/> Edit...
Paper Trays	Allow All Paper Trays	<input checked="" type="checkbox"/> Edit...
Applications	No Application Restrictions Defined	<input checked="" type="checkbox"/> Edit...

Close

When Users Can Print

Time Restriction Options

	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sun																		
Mon																		
Tue																		
Wed																		
Thu																		
Fri																		
Sat																		

Black & white and color printing allowed.
 Printing is allowed.
 Printing is not allowed.

Allow Printing
 Always Monday - Friday from... Time of Day (Advanced)... Never

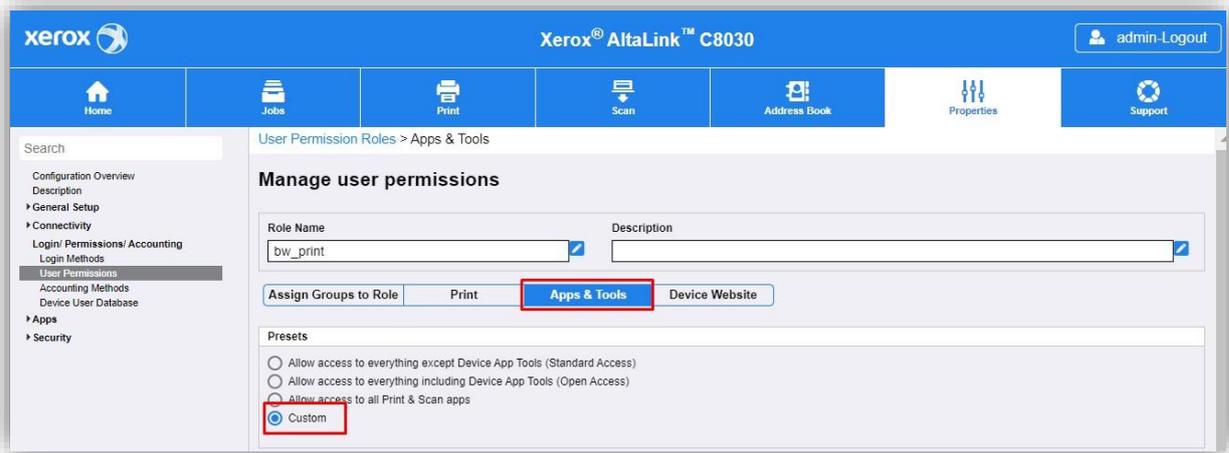
Make color printing more restrictive than black & white printing.

Allow Color Printing
 Always Monday - Friday from... Time of Day (Advanced)... Never

Cancel Save

Since the BW_Print right is dedicated to printing, all functions other than printing must be disabled. All applications that are not related to printing must be locked in the *Apps & Tools* tab.

Attention: the Gespage V2 application gives access to the print menu and must therefore remain authorised:



Then click on "Apply" to validate the role and apply the required configuration for each of the other roles.

3. Use

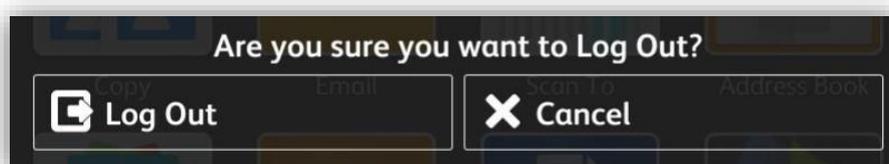
3.1 Examples of user menus

The screenshots below are from the Xerox Versalink range.

3.1.1 User login

The user must authenticate to access to the MFP services.

Disconnection is carried out by pressing the user name at the top left of the screen and then validating the disconnection.



Login by card or user name + password

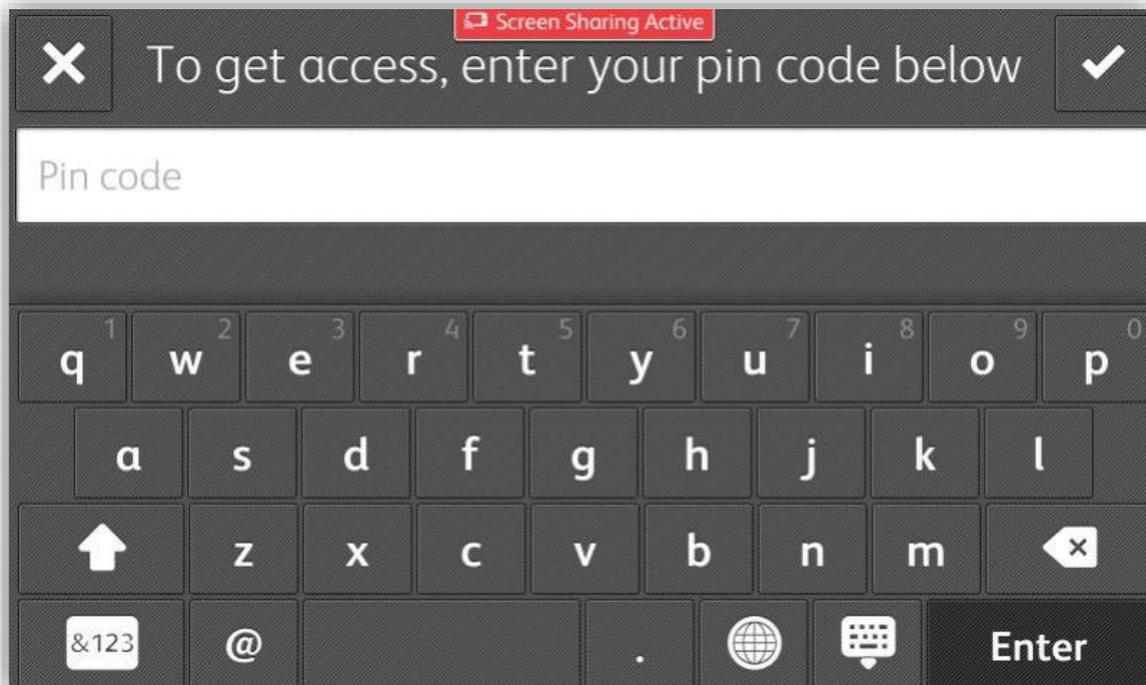
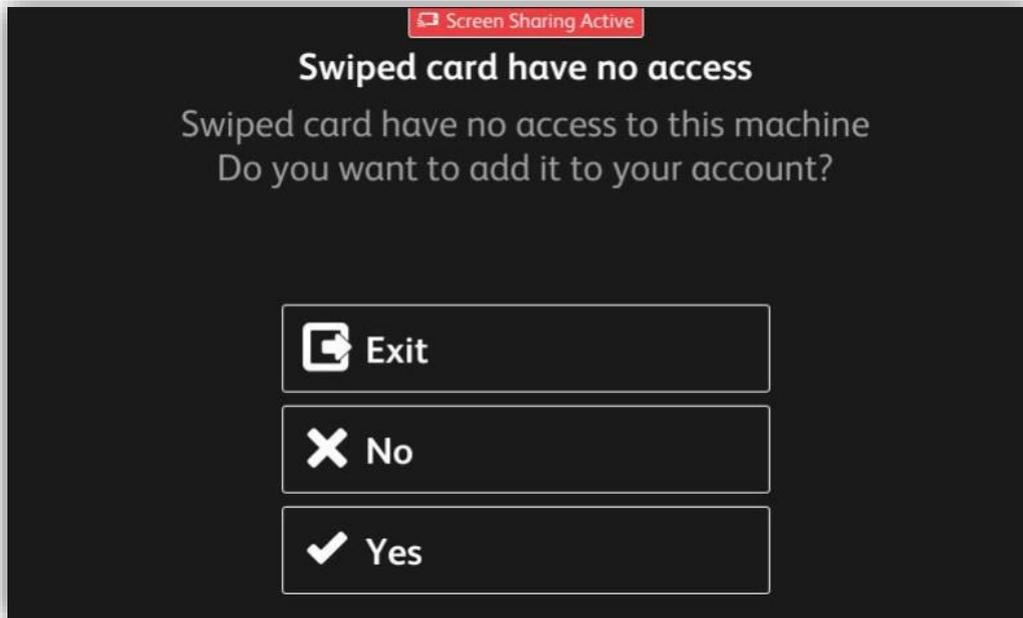
The screenshot shows a login interface on a tablet. At the top, a blue header contains the word "Welcome". In the top right corner, the Gespage logo is displayed. The main area is white and features a blue person icon with the text "LOG IN" below it. To the left of the "LOG IN" text are two input fields: "User name" and "Password". Below these fields is a blue button labeled "OK". To the right of the input fields is a blue icon of a card with a person silhouette and a signal icon. At the bottom center, the text "©Gespage 8.2.0.1" is visible.

Login by card or print code

The screenshot shows a login interface on a tablet, similar to the one above. It has a blue header with "Welcome" and the Gespage logo in the top right. The main area is white and features a blue person icon with the text "LOG IN" below it. To the left of the "LOG IN" text is a single input field labeled "Print code". Below this field is a blue button labeled "OK". To the right of the input field is a blue icon of a card with a person silhouette and a signal icon. At the bottom center, the text "©Gespage 8.2.0.1" is visible.

Association of a card

If the server configuration provides the association of a card by a user, he must perform a standard login after having passed his new card.



3.1.2 Print release

The print release screen enables pending prints to be selected for printing, deletion or modification.

The environmental impact informs the user about the impact of his prints on the environment.

The cost of printing automatically appears at the end of each print line. The total cost is available at the top of the screen.

The page of pending prints may contain a maximum of six print jobs, beyond a paging will be applied. Forcing keys enable the printing to be changed:

Pending jobs

The screenshot shows the 'Pending print jobs' interface. At the top, it displays 'Screen Sharing Active', a refresh icon, a checkmark icon, and 'Selected : 1/2'. The user's name 'Guillaume Le Roch' and balance 'Balance : 88.00 €' are shown. A list of jobs is displayed:

Job Name	Time	Pages	Color	Cost
<input checked="" type="checkbox"/> Gespage EN	12 minutes ago	2 Pages	Simplex, Color	.40 €
<input type="checkbox"/> Page de test	13 minutes ago	1 Page	Simplex, Color	.30 €

Below the list, there is a 'Job modification' section with options: 'Change to grayscale', 'Change to duplex', and 'Set/change the number of'. An 'Enviornment impact' section shows icons for CO₂, water, and electricity with values: .00kg, .00l, and .00kWh. At the bottom, there are two buttons: a red one with a trash icon and a green one with a printer icon.

Callouts and their descriptions:

- Job Refreshing**: Points to the refresh icon at the top left.
- To select / deselect pending prints, click on the line wished**: Points to the checkmark icon at the top left.
- Modification of the job**: Points to the 'Job modification' section.
- Detail of the enviornment impact of a (or more) print(s)**: Points to the 'Enviornment impact' section.
- Deletion of the prints selected**: Points to the red trash icon button.
- Printing of the documents selected**: Points to the green printer icon button.

Print screen in operator mode

It is possible to activate for certain users the possibility of releasing the documents of other users (for users of reprographic services or for secretarial positions).

In this case, the name of the user who printed prefix each document.

