Version 8.2.6-r1: 13rd October 2022 (8.2.6-r1-355d4c48-349ed056)

Bug fixes and small enhancements
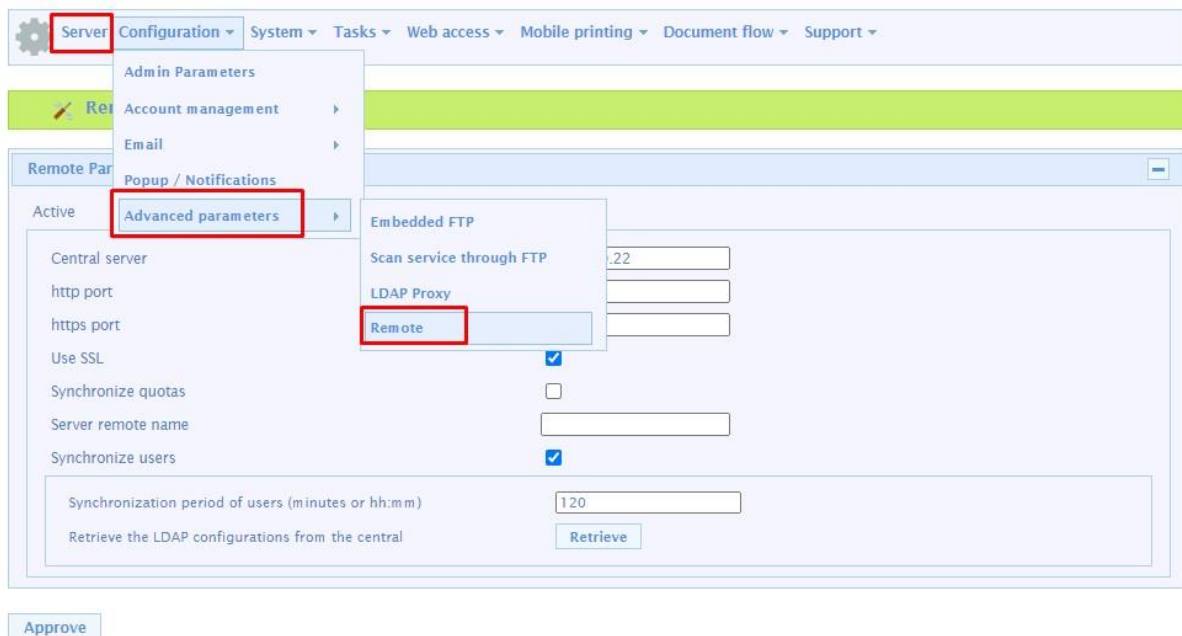- Server
  - Fix a problem to start the embedded FTP server on the previous version.

Version 8.2.6: 14th September 2022 (8.2.6-a3daead6-d8959a4f)

New features
- Linux server
  - Add a Gespage installer for Debian / Ubuntu distributions
- Remote
  - Add a new menu to simplify the remote configuration

- Add the possibility to synchronize users between the remote servers
  - With this mode, the users accounts are synchronized between servers.
  - The central server is the user's reference server and is the only server allowed to synchronized users from LDAP.
  - The modification of a user (for example card association) on a remote server is also synced from the remote server to the central.
  - The remote server may still contact the LDAP server for authenticating users by login and password. To do so, you need to retrieve the LDAP parameters ('Retrieve' button)
- Add the possibility to unallocate the remote server's licenses
- eTerminal
  - eTerminal Sharp
    - Add the compatibility with the new Sharp devices (OSA 6).

Bug fixes and small enhancements

- Agent
  - Add support to Microsoft print server July 2022 update
- eTerminal
  - eTerminal Toshiba
    - Fix a display issue for a long username
  - eTerminal Kyocera v1.7.2.2
    - Improve Gespage advanced scan management on Series 2 models
    - Fix wrong cases of automatic logout while scanning is in progress
    - Zero stop copy is better managed
    - Improve the management on printing options selection
  - eTerminal Canon v1.1.0
    - Fix a problem with scan to mail where the user was not able to use @ character
    - Improve support for card association
    - Add Spanish translation
    - Upgrade SDK (MEAP SDK v5.80, MEAP Login SDK v5.40)
  - eTerminal Ricoh
    - Support for push of the Gespage embedded application from Gespage server
- Cartadis terminals
  - DRC10
    - Embed DRC10 v2.8.0
- User interface
  - Add the possibility to hide the "history" widget
  - Add Polish translation
- Server
  - Fix support for Turkish Windows servers

Version 8.2.5-r2: 21st June 2022 (8.2.5-r2-159578e-d4462cd)

New features
- eTerminal
  - eTerminal Toshiba
    - add the possibility to set SlimPDF by default on the advanced scan features

Version 8.2.5-r1: 30th March 2022 (8.2.5-r1-0608221-7d72513)

New features
- Windows installer
  - Gespage Windows installers are now signed

Bug fixes and small enhancements
- cPadPay
  - Fix support for cPad-Pay payment through TCRS
- Server
  - Fix a problem to send a mail through SMTPS

Version 8.2.5: 17th January 2022 (8.2.5-adf9b8-0350bca)

New features

- Server
  - Add a new menu to Azure AADDS user synchronization:

  - Gespage Agent logs are now set as debug mode by default
  - PostgreSQL default version is now 12.9 on new install.
  - Update Log4J library to version 2.17.1
  - Environmental impact can now be get through Web API.
  - Gespage Mobile
    - Gespage Mobile license is no more a mandatory to use the mobile application or advanced scan feature, this license is now included by default.
    - Add pdfBox 3.0 to improve the rapidity of the mobile print job management

Bug fixes and small enhancement

- eTerminals
  - eTeminal Kyocera v1.7.2.1
    - Manage the scan in duplex mode
    - Better A3 scan management
    - Better manage memory usage on multiple pages scans
    - Improve accounting for USB printing
  - eTerminal Lexmark v6.4.5.2
    - improve the session timeout on the application pages
  - eTerminal Xerox
    - Improve accounting for USB printing
  - eTerminal Toshiba
    - fix error 404 issue when trying to use Gespage Mobile button
    - fix an issue by importing a personalized icon.
  - eTerminal HP
    - fix an issue about zero stop copy functionality
- server
  - fix an issue to export the cost report

- fix a problem to import an old database save on a new Gespage server
- fix a problem on license management

Version 8.2.4-r1: 18th October 2021 (8.2.4-r1-5fcdfa6f-672c77b)

New features
- eTerminals
  - eTerminal Lexmark v6.4.5.0
    - Manage OEM Luna models
      To provide support for Luna Copy menu, in the general configuration of Lexmark eTerminal, choose **External** option on **Application for Copy**

Bug fixes and small enhancements

- eTerminals
  - eTerminal Kyocera v1.7.2.0
    - Local configuration of the eTerminal
      - Enable SSL by default
      - Improve management of local configuration change
      - Fix in local Admin credentials verification
    - Improve the management of network loss
    - In the mixed login screen, fix management of user/password login
  - eTerminal Lexmark v6.4.5.0
    - Improve the scan from ADF of a document with many pages
  - eTerminal Sharp
    - Fix support for Sharp Browser 3.5 configuration
  - eTerminal Toshiba
    - Fix push of Toshiba eTerminal configuration on brand new MFP
- Cartadis terminals
  - cPad-Pay
    - Fix print jobs release process
- Server
  - eTerminal management
    - A new advanced parameter 'conf_max_jobs' can now be added in the eTerminal configurations to limit the number of jobs that can be simultaneously displayed and released at the eTerminal.

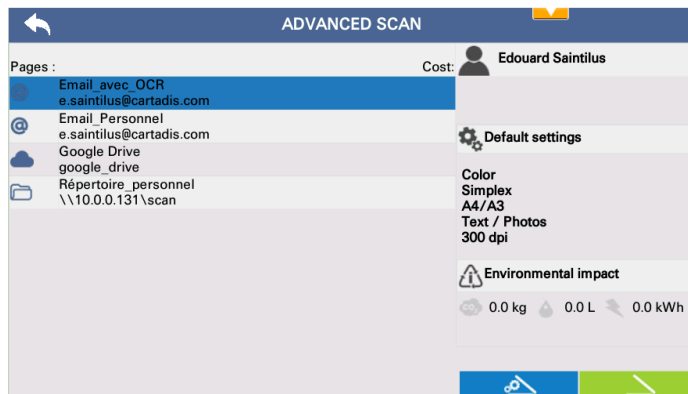## Version 8.2.4: 27ᵗʰ August 2021 (8.2.4-7869314-364f1bd)

New features

- eTerminals
  - eTerminal Kyocera v1.7.1.0
    - New Gespage main menu to be displayed after login.

- This menu provides shortcuts to Gespage print, Gespage scan, Copy, and MFP home menu.
- This menu can be disabled through an eTerminal parameter.

- New Gespage advanced scan screen

- Scanning destinations are configured through Gespage Flow feature (scan to email, scan to destination, scan to drive). They may differ depending on the user.
- Provide a quick scan function (using default settings being displayed) and an advanced scan function (with selection of scanning options).

- The advanced scan settings screen is the following
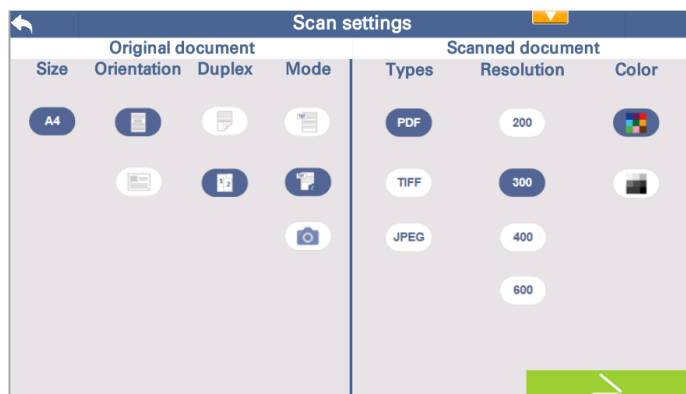
- The default scan settings can be configured in Gespage, in the eTerminal general configuration settings.

- Upgrade to Kyocera HyPAS 1.7.0 SDK.

- Mobile printing
  - For email printing with spool direct enabled, it is now possible to setup the profile to only print attachments.
- Advanced scan
  - OCR
    - Add support for Tesseract OCR versions 4.x and 5.0
  - Blank page management – It is now possible to tune blank page detection through a detection threshold

Bug fixes and small enhancements

- eTerminals
  - eTerminal KM
    - Improve management of user sessions, fixing rare case of login failure.
    - Fix support for card self-association by the user
    - Fix accounting of color copies when the initial page is in B&W.
  - eTerminal Lexmark v6.4.4.0
    - Fix automatic logout on inactivity
    - Allow ID card copy
    - Improve the management of the user session (login, logout).
    - Improve the management of login, logout by card
    - Improve the browsing through Gespage screens.
    - [Access rights] In the welcome screen, disable access to functions not allowed to the logged user (copy, scan).
    - Fix a possible case of blocked login after an MFP sleep period.
    - [Lang] Update translations for Swedish and Turkish.
  - eTerminal Sharp
    - Fix support for Gespage scan on Sharp A4 MFP
    - Improve management of scan orientation
    - Fix a rare case of login failure
  - eTerminal Toshiba
    - Fix compatibility with MFP with firmware prior to OpenPlatform v4.4 SDK.
    - When Gespage application is pushed on the MFP, previous EWB links are no more removed.
    - Fix a rare case of card login being blocked temporarily
  - eTerminal Xerox
    - Various improvement to the push of the configuration. It is now possible to push all settings on Altalink and Versalink.
    - Add support for Xerox EIP SDK v4.2 and Altalink 82xx range
    - Various fixes to the accounting of copies
    - Fix rare issue where unsigned cert could prevent to access Gespage.
- Cartadis terminals
  - cBot
    - Embed cBot v1.3.0
    - Add support for card self-association by the user on the cBot (from cBot v1.4.0)
    - Add support for modification of print options on the cBot (from cBot v1.4.0)
  - cPad-Pay
    - Fix filtering of print jobs per user

- Server
  - LDAP synchronization
    - Ignore blank spaces inside user's emails
  - Gespage Popup management
    - When print release is automatic, the job is automatically canceled after the Popup validation if the user balance is insufficient (global or color balance)
  - Notification task
    - It is now possible to add an image in Gespage customizable notification or information end user's emails.
  - License information
    - Display a clearer information when the license maintenance contract is expired or going to expire.
- Gespage advanced scan
  - OCR
    - Various improvement in Tesseract OCR support
    - Automatically detect the installed compatible Tesseract OCR version
    - Improve support to multiple languages
- Mobile printing
  - Fix automatic purge of mobile documents submitted by guests
- User interface
  - If a secondary card is setup for the user and the display of this information is enabled, it is now displayed in the user interface.
  - Fix the deletion of pending print jobs when requested by the user through the user interface.
- Gespage remote
  - Raise errors in the Gespage event logger when the remote server is disconnected from the central
- Reports
  - In the volumes CSV reports, add a column accounting the non-standard paper formats ('Other format' column)
  - In the 'Printing flow summary' report, fix the prints distribution graph
  - Fix display of column headers in Spanish and Turkish.
- Gespage agent v8.2.4.0
  - Lexmark Universal V2 driver: Fix duplex enforcing when the user has submitted its print job in simplex.
- Gespage Popup v.8.2.4
  - In the MSI installer, it is now possible to edit the Authentication and DefaultUser parameters.
- Integration API
  - Public API
    - Add an API to retrieve all users.

Version 8.2.3: 19th April 2021 (8.2.3-7146-660d990)

New features

- Support for Microsoft Universal Print

  Microsoft Universal Print (MUP) is the new print solution offered by Microsoft through their cloud services. Its goal is to replace the need for on-premises Windows print servers.

  Gespage 8.2.3 adds compatibility with MUP architecture. The MUP integration must be setup in Gespage configuration menus and a new Gespage agent dedicated to MUP printers is added.

  This configuration contains some limitations compared to standard on-premises print servers.

  The use of Microsoft Universal Print services is subject to Microsoft license.
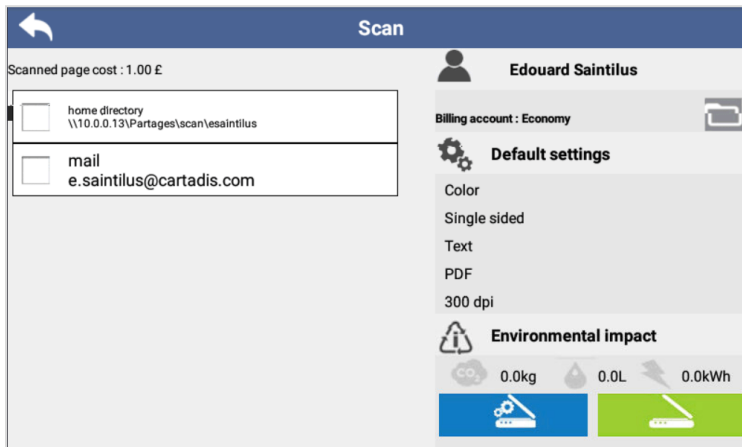
  Further information on this configuration is available in Gespage documentation.

- eTerminals
  - eTerminal Lexmark v6.4.1.0
    - New Gespage main menu to be displayed after the login.
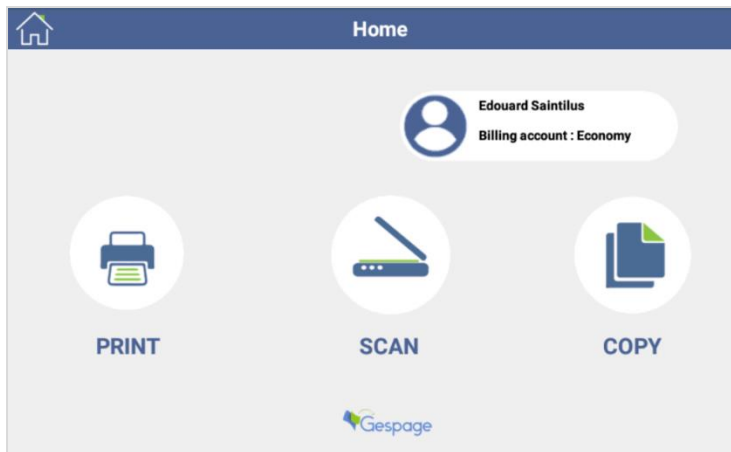
- This menu provides shortcuts to Gespage print, Gespage scan, Copy, and MFP home menu.

- This menu can be disabled through an eTerminal parameter.

- New Gespage scan menu

- Scanning destinations are configured through Gespage Flow feature (scan to email, scan to destination, scan to drive). They may differ depending on the user.

- Provide a quick scan function (using default settings being displayed) and an advanced scan function (with selection of scanning options).
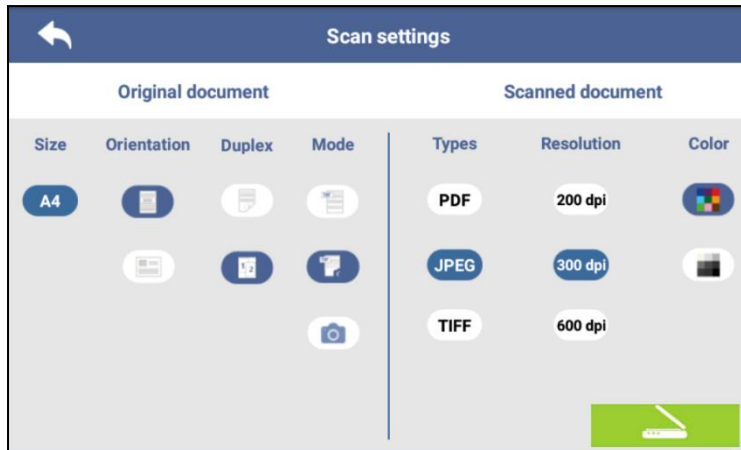
- The advanced scan settings menu is the following.

- The default scan settings can be configured in Gespage.

- eTerminal Sharp
  - It is now possible to customize the default scan options in Gespage scan menu.

- Cartadis terminals
 - cBot
    - Add support for cBot guest printing through email printing (job is selected through its print code).

- Gespage advanced scan
  - Add a new process to allow deletion of white pages from scanned PDF.

- Mobile printing
  - Add global email print feature. The global email print provides a generic email address for guest users printing (for release on compatible eTerminals).

- Database
  - On Windows, the default PostgreSQL Gespage database is now PostgreSQL v12.5
  - Add ability to archive the accounting database (through a dedicated Gespage script)

Bug fixes and small enhancements

- eTerminals
  - eTerminal Canon
    - Add support for a card reader profile.

  - eTerminal Epson
    - Improve the scan2me by email feature. The default recipient is now automatically filled with the logged user email.
    - Improve the displayed error when the user enters an empty password at login.

  - eTerminal Lexmark
    - GespageLexmark v6.4.1.0
      - In the login screen, the copyright information is now '© Gespage'.
      - Improve display when the logged username is very long.

- In the mixed login screen, disable login by username only.
- In the card association screen by print code, do not display the entered print code.
- [Lang] Update translations for German, Spanish and Swedish.
- The Lexmark eSF SDK has been updated to version ESS.64.003.

- eTerminal Toshiba
  - Improve user information in case of printing error. On EBX devices, the copier job status page is now displayed on printing error whatever the customer journey.
  - In the Gespage scan menu, display a warning information when the user has no access to scan destinations.
  - Improve login reliability when the card reader detects simultaneously 2 card ids for a user card (card having 2 technologies)
  - Fix support for guest mobile printing
  - The Toshiba OpenPlatform SDK has been updated to version 4.4.

- eTerminal Xerox
  - Fix displayed environmental information.
  - Fix login configuration using a CMI for fast release (FollowPrint).

- Cartadis terminals
  - cPad-Pay
    - Embed cPad-Pay v2.6.2
  - DRC10
    - Embed DRC10 v2.6.1
    - Fix user's account reloading when color quota is enabled on server.

- Server
  - User management
    - Add the ability to configure a secondary email address.
    - Add the ability for a user to be the operator from another user (instead of being the operator from a user group, that is still possible)
    - For user authentication, username verification is now case-insensitive.
  - Price management
    - Improve reliability when complex advanced prices are configured.
  - Print management
    - Improve management of print options modifications when a printer with eTerminal is configured with a generic driver.
    - Fix the management of BW enforcing on bouncing printer queue for users not allowed to print in color.

- Gespage advanced scan
  - Scan to a directory: Add support for File server setup with DFS (Distributed File System)
  - Fix support for OneDrive connector

- Admin interface
  - In the printer's mobile printing configuration, add the display of the printer QR code for mobile printing.
  - Reorganize the administrator menu for user interface, to ease its configuration.

- Add access and security settings for the administrator access.
  - Add parameter to redirect automatically to HTTPS.
  - Add parameter to restrict access to localhost or to a list of addresses.
- [Lang] Update translations for Turkish.

- User interface
  - Updated user experience of the user interface login
  - Various security enhancements in user interface web pages, including:
    - Add two-step verification via email.
    - An account is automatically locked after 5 failed logins. It must be unlocked by an administrator.
    - Add parameter to redirect automatically to HTTPS.

- Mobile printing
  - Add the ability to configure an alias to replace the printer's name.
  - Email printing
    - Fix management of emails containing multiple documents, when one of the documents is incompatible with email printing.

- Web payment
  - Improve management of Dibs payment gateway.

- Reports
  - Fix the counters report when running on all printers.

- Gespage agent v8.2.3.1
  - Improve handling for Kyocera driver '3207 CI KX'.
  - Improve a rare case of Windows printer queue being blocked for printing.

- Integration API
  - Public API
    - Add user's department and operator configuration.
   - Add user's print code retrieval.
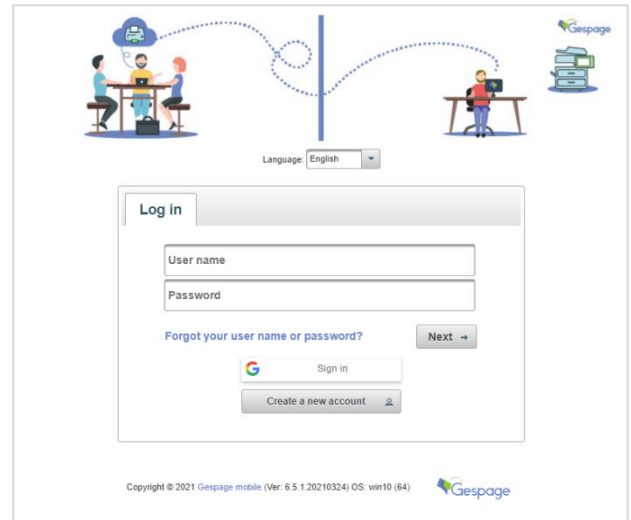
Important note
- eTerminal Toshiba
  - The Toshiba MFP firmware has to be compatible with SDK 4.4 prior to upgrade to this version.

Version 8.2.2-r2: 24th February 2021 (8.2.2-r2-6905-4ef040d)

New features

- eTerminals
  - eTerminal Kyocera v1.3.0
    - New user interface in the Gespage eTerminal screens
    - Availability of mixed login feature (user/password and print code) (from Gespage 8.2.3)
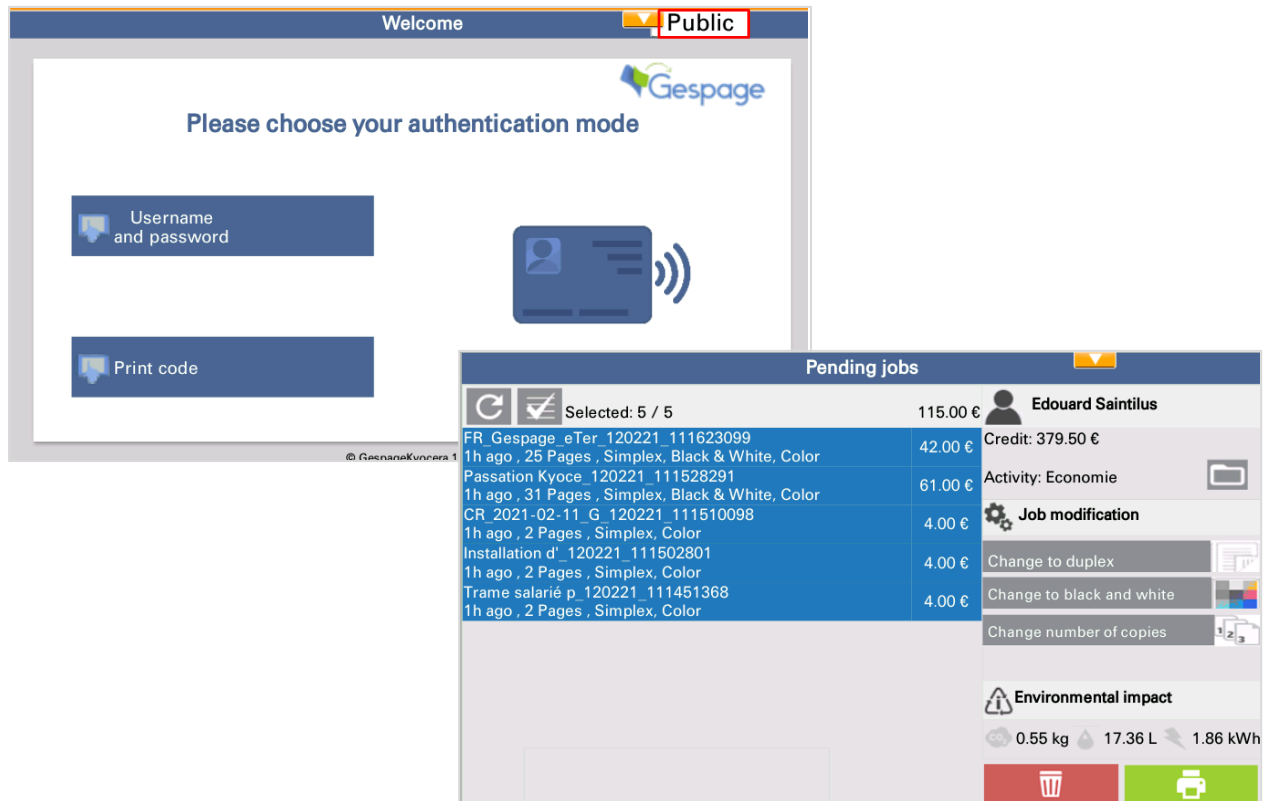
  - eTerminal Lexmark v6.4.0.0
    - Add support for mixed login feature (user/password or print code)

Bug fixes and small enhancements

- eTerminals
  - eTerminal Kyocera v1.3.0
    - Fixed accounting of print jobs released automatically at login.
    - Properly restrict access to administrator menus following a previous administrator login

  - eTerminal Lexmark v6.4.0.0
    - Add new advanced parameter *enabled_MFP_features*, to allow customization of the Lexmark features accessible to the logged user.
    - In the print release screen, add Gespage parameters to customize the automatic selection of pending jobs and the display of print release options.

- Various improvements in the user login management.
- Improve management of automatic logout.
- Improve uninstallation of Gespage FLS.
- In the print release screen, fix the support for 'unselect all jobs' button.
- In the card association screen, fix support for credentials using a long string.

- eTerminal Toshiba
  - Improve the Toshiba login management (using MDS token mechanism)

Version 8.2.2-r1: 17th November 2020 (8.2.2-r1-6670-4ef04d0)

New features

- eTerminals
  - eTerminal Ricoh v2.2.4 (GespageRicohSOP)
    - Add support for billing codes

Bug fixes and small enhancements

- eTerminals
  - eTerminal Ricoh v2.2.4
    - Add option to setup Gespage application in a custom language that is not available in the MFP supported languages
    - Improve reliability
    - Update translations: Hebrew, Spanish, Swedish
  - eTerminal Toshiba
    - Improve support of Toshiba new A4 models
    - Fix support for insufficient color quota at login for copying
  - eTerminal Xerox
    - Fix logout by card on Altalink models

- Gespage remote
  - Fix support for remote license synchronization when central or remote server is running on Linux

- Gespage agent v8.2.2.4
  - Improve support for user identication for prints from MAC client with macOS Catalina (through new agent parameters *UseNotifyName* and *UserNameToSubstitute*)

## Version 8.2.2: 30th September 2020 (8.2.2.6529-38f1035)

New features

- eTerminals
  - eTerminal Canon v1.0.0
    - First release of Gespage eTerminal for Canon
      - Authentication by keyboard and card
      - Print2me release
      - Accounting of local MFP functions (copy, scan)
      - Scan2me by email
      - *Compatible from Canon Meap v3 platform*
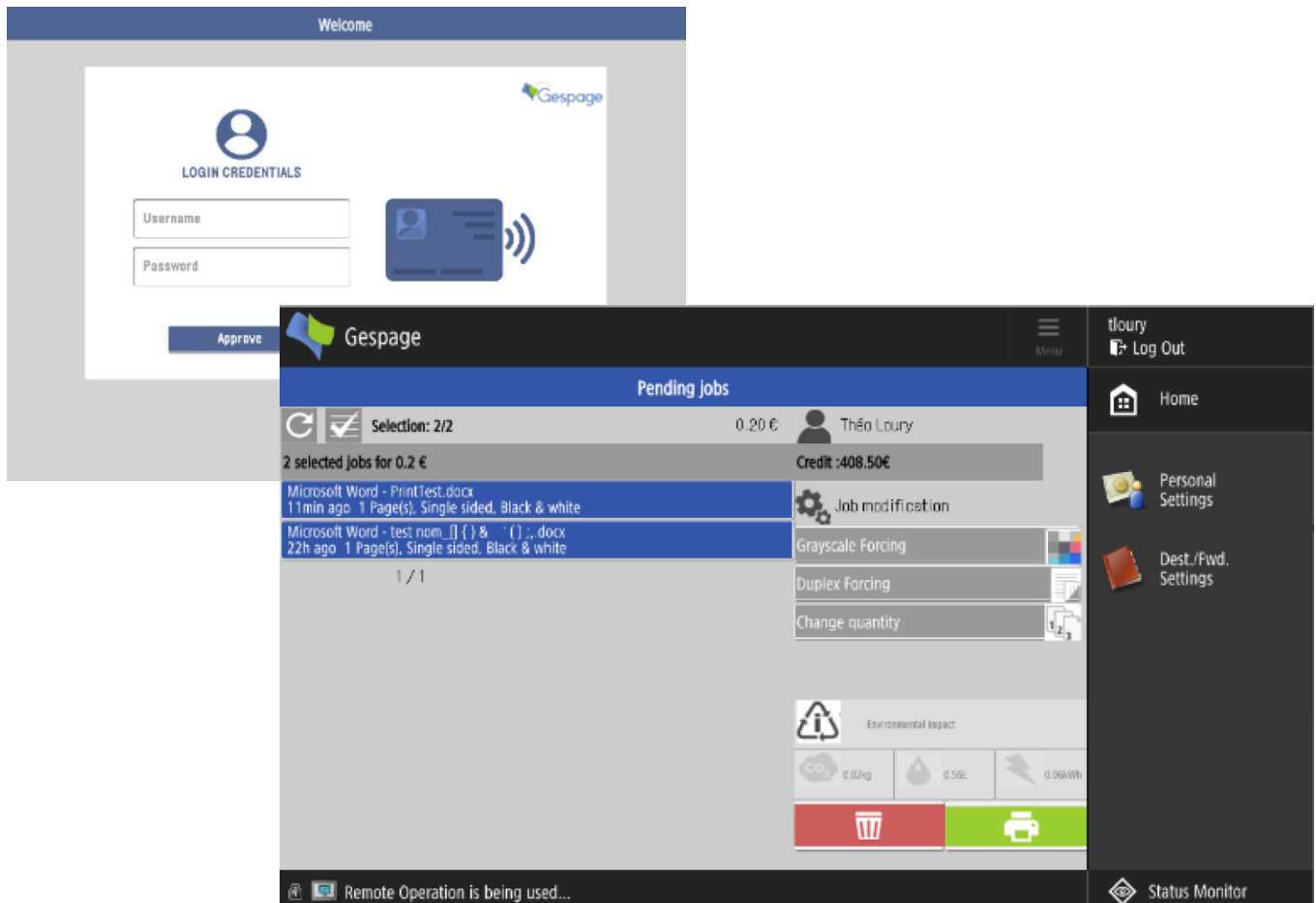
- eTerminal Xerox
  - New generation of Gespage eTerminal for Xerox
    - New user interface in the Gespage eTerminal screens
    - Automatic installation of the eTerminal on the MFP by the server (push of the configuration). A Xerox eTerminal template is available to ease setup of multiple MFP.
    - New handling of zero stop for copies
    - Add support for Izly French purse (through TCM4-Izly)
    - *Compatible from Xerox EIP v2.0 platform*
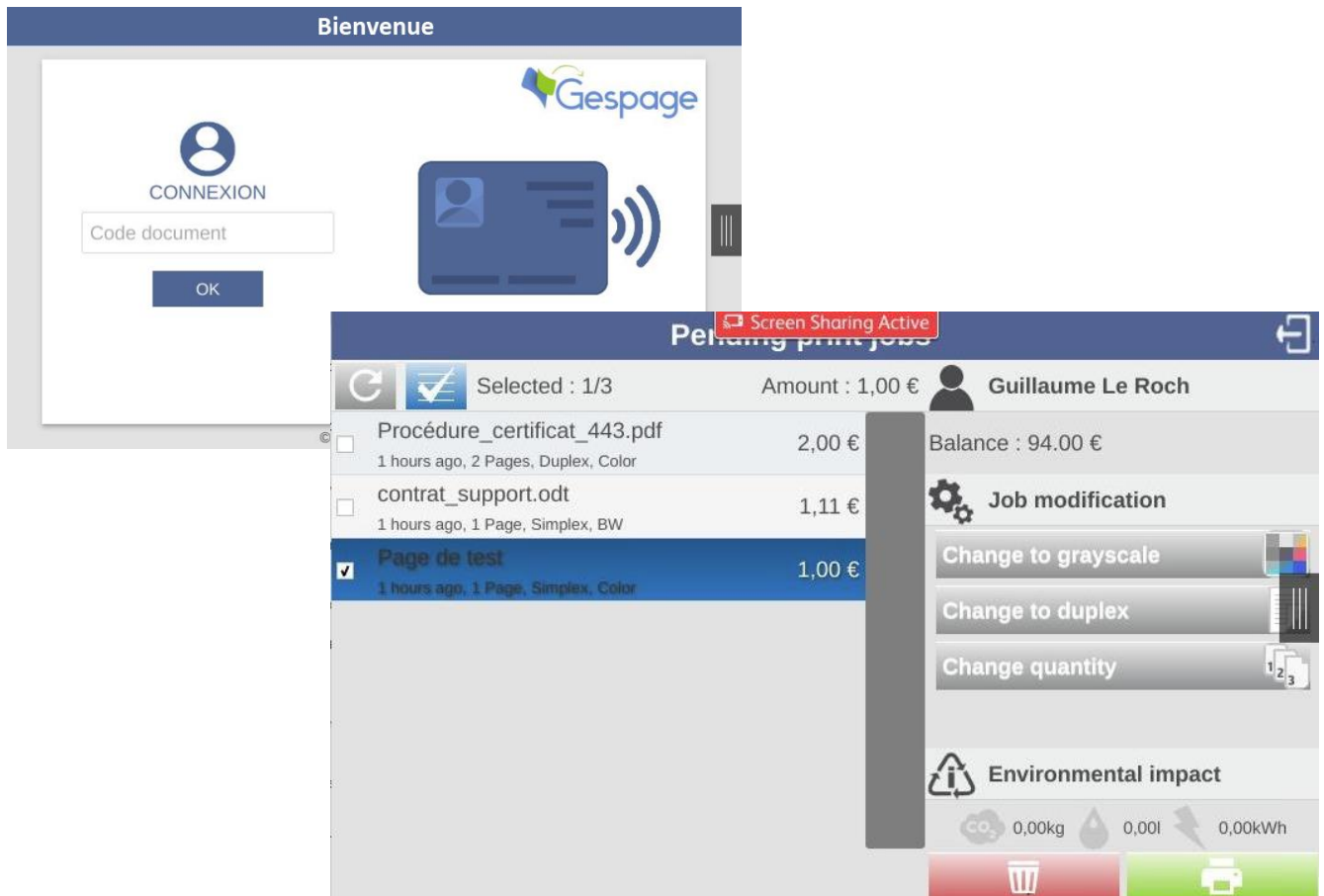
- Server
  - New watermarking features
    - Watermarks are added on printed documents through Gespage printing rules.
    - The content of the watermark is setup in the Gespage rule and can include print release information (date, user)

Bug fixes and small enhancements

- eTerminals
  - eTerminal Kyocera v1.2.2
    - Add support for MFP from Asian regions
    - Add ability to disable print release options in the print release screen
    - [Lang] Add Spanish support
    - DIsplay detailed error message to the user in case of insufficient credit

  - eTerminal Lexmark
    - GespageLexmark v6.3.2.0
      - Add Single-Sign On with Lexmark Scan center. This brings scan2me to home directory through Lexmark Scan center.
      - Display the logged username in the Lexmark menu screen header
    - GespageLexmark v6.3.1.0
      - Add support for public mode access
      - [Lang] Add Spanish support

- Improve stability when copying many pages

- eTerminal Toshiba
  - Add ability to configure Gespage default scan options
  - Improve display of long document titles
  - Skip the billing code selection screen when a user has only access to one billing code

- Cartadis terminals
  - DRC10
    - Embed DRC10 firmware v2.6.0 and add server features related to the version

- Server
  - Billing codes
    - Add the ability to setup a favorite billing code in the user configuration
    - When searching for a billing code on a release terminal, the search criteria now also includes the billing code comment
  - Advanced scan
    - Add support for advanced scan on MS-SQL DB installation
    - Improve retry and recovery when access to the document directory is lost
    - Fix scan destination access management for users included in a group through their department
  - Printing
    - Do not display pending jobs on the release terminals when the GespagePopup window is pending
    - Fix display of operator pending jobs on the release terminal when the operator user is not having any pending jobs on its own.
    - Fix possible case of incomplete anonymization for some document titles
    - Fix rare case of a printer being removed from Windows but not removed from Gespage
  - Color quota
    - Improve management of color quota at the department level
    - Improve error message on the release terminal when color quota is insufficient
  - LDAP synchronization
    - Disable by default configuration requiring admin rights (print code synchronization to the AD)

- Admin interface
  - Users
    - Add the associated login in the user list export
  - Reports / Costs menu
    - Fix quick search in Expenses and Savings menus
  - Access rights
    - Fix access to reports for allowed admin users limited to a group of printers

- User interface
  - User information
    - Hide color balance display when the feature is not enabled
  - Web payment
    - Improve reliability when recharge amount is a float value

- Mobile printing
  - Web printing
    - Fix support for default mobile printer
  - Email printing
    - Add ability to setup a mail server using a self-signed certificate. This configuration is not recommended.
  - Gespage App printing
    - Fix support when printing on a printer configured with a Kyocera driver

- Reports
  - Counters meter report
    - In the CSV report in difference mode, add the absolute counter values
  - Fix display of non-translated messages inside reports and set them to English

- Gespage agent v8.2.2.3
  - Kyocera PCL driver: Fix handling for duplex setup enforcing

- Gespage Popup v8.2.2 / GPayStation v8.2.2
  - [Lang] Update Spanish language

- Installer
  - Improve handling of Gespage mobile service when running an upgrade
  - Fix startup of Gespage LDAP proxy service on a fresh install

Version 8.2.1-r2: 10th July 2020 (8.2.1-r2-6402-28b9613)

Bug fixes and small enhancements

- eTerminals
  - eTerminal Sharp
    - In the Gespage welcome screen, replace the 'OTHER' shortcut by the 'COPY' shortcut
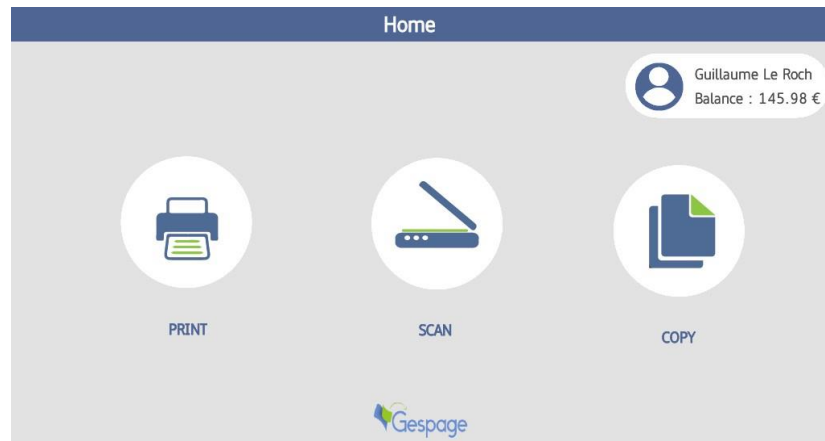

    - Clarify the Sharp setup URL information in Gespage admin interface
    - Fix the login workflow when Gespage home page is disabled
    - Fix support for MFP with browser 3.5 (advanced scan and welcome are not available with such configuration)
    - Fix support for MFP without Sharp AMX-2 license (advanced scan and welcome are not available with such configuration)
    - Fix wrong eTerminal behavior when print release options are enabled at installation
    - Fix eTerminal post-accounting for documents printed in A4_R format
- Advanced scan
  - Improve reliability of scans delivery in case of bulked scans
  - Improve reliability of scans delivery in case of login by print code
- User interface
  - In the print history screen, filter on the print release date

Version 8.2.1-r1: 4th May 2020 (8.2.1-r1.6197-5f64116)

Bug fixes and small enhancements

- eTerminals
    - eTerminal Sharp
        - Fix handling of Gespage advanced scan options
        - Fix support for Sharp MFP without AMX2 license
    - eTerminal Xerox
        - Add support for pushing eTerminal when it is connected on a subnetwork different from server's one.
- Cartadis terminals
    - cBot
        - Embed cBot v1.1.0
    - CMI
        - Fix support for CMI terminal for fast release
    - cPad-Pay:
        - Embed cPad-Pay v2.6.0
- Server
    - Fix payment for jobs from users in departments with limited quota
- Admin interface
    - Fix the deletion of a Gespage task
- Reports
    - Volume by user / Cost by user: Fix cases of missing export of the total line
- Popup v8.2.1.1
    - Fix behavior when user is entering an unknown username at authentication
    - Hide user balance in case of configuration with external balance
- Gespage agent v8.2.1.2
    - Kyocera KPDL driver: Fix handling for duplex setup enforcing
- Gespage parser v8.2.1.1
   - Kyocera KPDL driver: Improve detection of number of copies

Version 8.2.1: 6th February 2020 (8.2.1.6070-7ebdef8)

New features
- eTerminals
  - eTerminal Sharp
    - New Gespage main menu to be displayed after the login
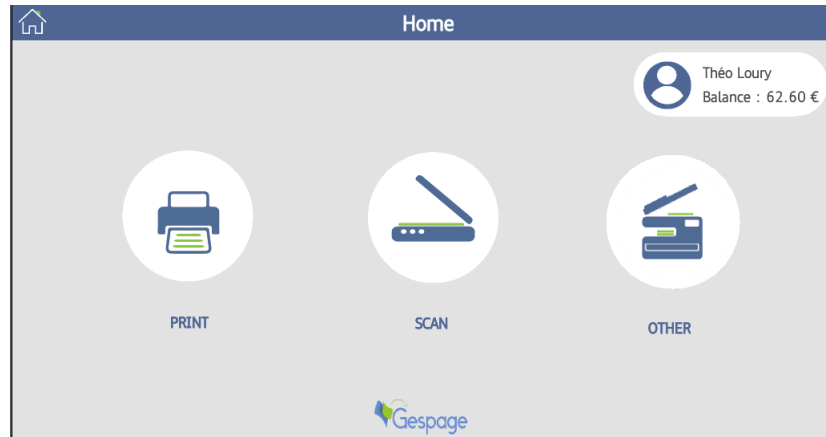
- - This menu provides shortcuts to Gespage print, Gespage scan, MFP home menu.
  - The activation of the Gespage main menu requires a new configuration of the eTerminal on the MFP (requires browser n2.0)
  - This menu can be disabled through an eTerminal parameter
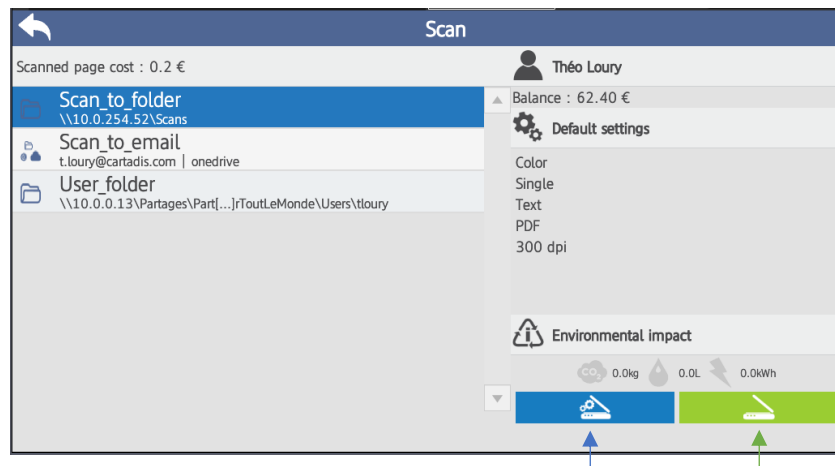
- - New Gespage scan menu


Advanced scan   Quick scan

- - Scanning destinations are configured through Gespage Flow feature (scan to email, scan to destination, scan to drive). They may differ depending on the user.
  - Provide a quick scan function (with default settings being displayed) and an advanced scan function (with selection of scanning options). The advanced scan settings menu is the following:
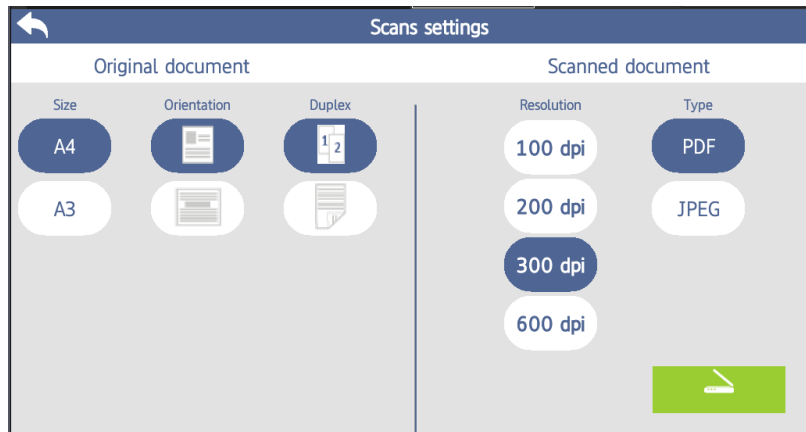
- - The eTerminal scanning configuration is set through Gespage flow advanced scan menus. The destinations can be configured through user group conditions.
  - The activation of the scan menu requires a new configuration of the eTerminal on the MFP (requires browser n2.0)
  - ▪ Add support for Sharp offline mode: This provides the possibility to enable a degraded MFP access in case of network outage
- eTerminal Lexmark
  - ▪ New generation of Lexmark eTerminal: FLS v6.3.0.0
    - - The user interface has been modernized with the new Gespage design
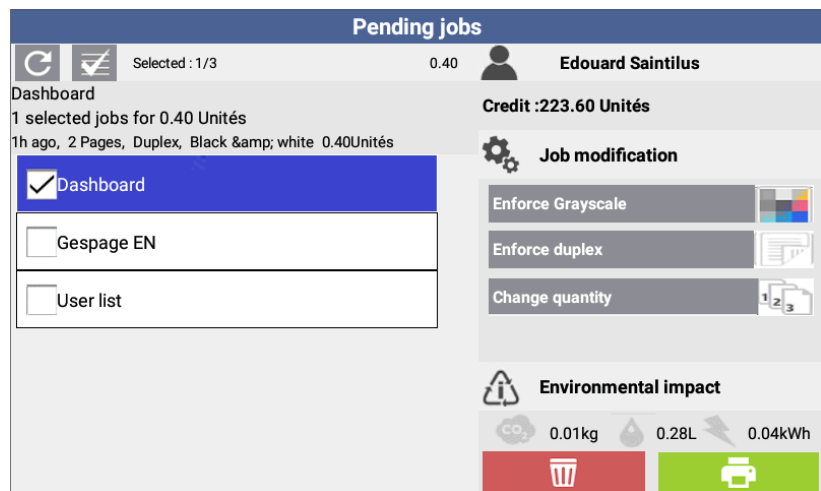
- - This new FLS is only compatible with MFP from LeSF v5 platform.

- Cartadis terminals
  - cPad-Pay:
    - ▪ Embed cPad-Pay v2.5.3
  - cBot
    - ▪ Embed cBot v1.0.6
  - DRC10
    - ▪ Embed DRC10 v2.5.5

Bug fixes and small enhancements

- eTerminals
  - eTerminal HP
    - Add support for TCM4-Izly card reader on HP card reader
  - eTerminal Lexmark (FLS v6.4.0.0)
    - Improve stability of the application on the LeSF 6 models
    - Update Swedish translation
  - eTerminal Sharp
    - Improve support for latest Sharp MFP firmware
  - eTerminal Toshiba
    - Enable by default the network error page (requires a new push of the eTerminal on the MFP)
    - Add the Gespage logo in Gespage installation path to help configuration on the MFP home menu (available under server\resources\medias)
    - Improve the display of the total price when the price unit is configured with more than 2 decimals
  - eTerminal Xerox
    - Fix support for reverse DNS configuration
- Cartadis terminals
  - cBot
    - Fix compatibility to cBot v1.0.5 API
- Gespage mobile
  - Add support Gespage mobile server hosted on a DMZ (for one print2me queue)
  - Improved support for remote Gespage mobile server
- Gespage mobile App
  - Fix issue on print release through Gespage mobile App
- User interface
  - Improve error messages on wrong registration form entries
  - Fix language selector in login page when Google login is enabled
  - Security fix in user interface web pages
  - Web Payment
    - Ingenico ePayments: Fix support for reloading prices including decimals on latest gateway version
- Admin interface
  - Improve login time when server has no internet access
  - Improve XLS export of deleted jobs
- Server
  - Scan to a directory: Add compatibility to SMB2 and SMB3 protocols
- Popup v8.2.1
  - Improve authentication error cases
  - Fix unrequired display of color balance when function is disabled
- Gespage agent v8.2.1.1
  - XPS printing: Reduce the CPU usage when redirecting XPS spool files
  - SNMP Monitoring: Improve support for KM bizhub models
  - Print enforcing rules: Fix support for BW enforcing with Kyocera KX driver

Version 8.2.0: 30th September 2019 (8.2.0.5813-315aa6d)

New features
- eTerminals
  - eTerminal Toshiba
    - New Gespage main menu to be displayed after the login

    - This menu provides shortcuts to Gespage print, Gespage scan, MFP copy, MFP home menu.
    - This menu can be disabled through an eTerminal parameter

    - New Gespage scan menu

    Advanced scan   Quick scan

    - Scanning destinations are configured through Gespage Flow feature (scan to email, scan to destination, scan to drive). They may differ depending on the user.
    - Provide a quick scan function (with default settings being displayed) or an advanced scan function (with selection of scanning options)

- The eTerminal scanning configuration is set through new Gespage flow advanced scan menus. The destinations can be configured through user group conditions.
      - The activation of these functions requires a new push of the eTerminal on the MFP
    - Add support for Izly on eTerminals (French students' purse)
      - Requires the use of Cartadis TCM4-Izly card reader
      - Compatible eTerminals: Kyocera, KM, Lexmark, Ricoh, Sharp, Toshiba
    - eTerminal Kyocera
      - Embed Kyocera Gespage application v1.2.1 (pkg)
    - eTerminal Lexmark
      - Embed Lexmark Gespage application v6.2.2.0 (fls)
- Cartadis terminals
  - cPad
    - Embed GApp v2.1.7 (cPad v2)
- User interface
  - Add support for login by Google OAuth API
  - Web payment
    - Ogone provider: Add support for multiple Ogone merchant accounts handled by a server, depending on the user's group (for example to handle different merchant accounts for several schools sharing a Gespage server)
- Connectors
  - Add support for OneDrive connector
    - Scan to OneDrive through Gespage Flow
    - Print from OneDrive through Gespage Mobile
- Advanced features
  - Security
    - Add an advanced parameter on card association to allow it only for users without a registered card.
  - Color quota
    - Add color credit management for departments
    - Add color quota display in the Popup
    - Add color quota display in the user interface

Bug fixes and small enhancements

- eTerminals
  - eTerminal KM
    - On recent KM models, fix the possibility for a user to login again while its previous job is still in process by the MFP
  - eTerminal Kyocera v1.2.1
    - This version is compatible with all Kyocera models (recent and old models).
    - [Lang] Add Swedish support
    - Fix display of pending jobs in case of many pending documents
    - Fix support for the modification of the print job to BW by the user (requires Kyocera KX driver to be set in PCLXL mode)
    - Fix support for the modification of print job copies by the user
  - eTerminal Lexmark v6.2.2.0
    - Hide irrelevant fls parameters for scan features
  - eTerminal Ricoh

- ▪ Fix support for advanced Ricoh eTerminal parameter 'firmware_autoupdate_filename'
  - eTerminal Sharp
    - ▪ Fix accounting for A3 copy jobs
  - eTerminal Toshiba
    - ▪ Gespage scan: Automatically select the scan profile when only one is configured
    - ▪ Add an error page in case of network connection error (requires a new push of the eTerminal on the MFP)
    - ▪ Guest printing: Reset the document code when job release is canceled by the user
- Cartadis terminals
  - cBot
    - ▪ Add compatibility to cBot v1.0.5 API
- User interface
  - Fix the storage of the user's new email address when modified through the user interface (if the option is enabled to users)
  - Fix support for the free quota offer that can be enabled in the user interface
- Gespage mobile
  - Fix issue on document purge in case of Gespage mobile service being separated from Gespage service.
- Gespage remote
  - Fix support for quota synchronization in case of a large number of users
- Administration menu
  - Gespage event logger
    - ▪ Add events about Gespage flow failure cases in the Gespage event logger (output network directory access error…)
    - ▪ Add an event on print job submission from an unregistered user
  - Add new filtering options to filter the users' list
  - In the users' list export, add the user's home directory in the users' list export
  - Allow the deletion of an email printing profile when it is configured on a printer (it is automatically removed from the printer)
- Advanced features
  - Color quota
    - ▪ Add the possibility to set the color quota for the users of a department through the cashier menu
    - ▪ Ensure balance dedicated to color printing is not higher than the user's global balance.
  - Scan through FTP
    - ▪ Improve scan through FTP feature to handle the case of scanned document being in transfer process at user logout.
  - LDAP / AD
    - ▪ The print code is no more synchronized for a user if it is another user's duplicate.
  - Database
    - ▪ Fix database migration support for database prior to 8.1.2 version
- Gespage agent v8.1.2.2
  - Fix a rare case of Gespage agent taking high CPU following a printer configuration modification
- Integration API
  - External user balance API

- Add an API for external balance reloading

- Cartadis terminals
  - Automatic registration of cPad-Pay and cBot product is unavailable. New devices have to be registered through the Gespage admin interface.