

# WATCHDOC C



## Watchdoc and WSC versions history - v. 5.0 à v. 6.1

**DOXENSE** Print, breathe !

47, avenue de Flandre - 59290 Wasquehal - France  
65, rue de la Tombe Issoire - 75014 Paris - France

T +33 (0)3 62 21 14 00  
[www.doxense.com](http://www.doxense.com)



## Table of contents

Watchdoc/WSC 6.1.1.5556, WPC for Windows 7.0.5999 et Skyprint 7.0.5998 - 18/03/2026 .....	8
Watchdoc/WSC 6.1.1.5548, WPC for Windows 7.0.5983 and Skyprint 7.0.5983 - 10/03/2026 .....	8
Watchdoc/WSC 6.1.0.5543, WPC for Windows and Skyprint 7.0.5983 - 23/02/2026 .....	8
Watchdoc/WSC 6.1.1.5533, WPC for Windows 7.0.5979 and Skyprint 7.0.5979 - 23/02/2026 .....	9
Watchdoc/WSC 6.1.1.5528, WPC for Windows 7.0.5979 and Skyprint 7.0.5979 - 19/02/2026 .....	9
Watchdoc/WSC 6.1.1.5514, WPC for Windows 7.0.5973 and Skyprint 7.0.5973 - 04/02/2026 .....	11
Watchdoc/WSC 6.1.1.5500, WPC for Windows 7.0.5957 and Skyprint 7.0.5957 - 21/01/2026 .....	11
Watchdoc/WSC 6.1.1.5487, WPC for Windows 7.0.5944 and Skyprint 7.0.5947 - 08/01/2026 .....	12
Watchdoc/WSC 6.1.1.5486, WPC for Windows 7.0.5944 and Skyprint 7.0.5947 - 07/01/2026 .....	13
Watchdoc 6.1.1.5465 - 19/12/2025 .....	13
Watchdoc/WSC 6.1.1.5458, WPC for Windows 7.0.5912 and Skyprint 7.0.5911 - 11/12/2025 .....	14
Watchdoc/WSC 6.1.1.5452 - 04/12/2025 .....	15
Watchdoc/WSC 6.1.1.5430 et WPC for Windows 7.0.5821- 12/11/2025 .....	15
Watchdoc/WSC 6.1.1.5417 and WPC for Windows 7.0.5821 - 31/10/2025 .....	15
Watchdoc/WSC 6.1.1.5402 and WPC for Windows 7.0.5802- 15/10/2025 .....	16
Watchdoc/WSC 6.1.1.5388 and WPC for Windows 7.0.5727 - 01/10/2025 .....	17
Watchdoc/WSC 6.1.1.5373 and WPC for Windows 7.0.5496 - 17/09/2025 .....	17
Watchdoc/WSC 6.1.1.5368 and WPC for Windows 7.0.5496 - 11/09/2025 .....	18
Watchdoc/WSC 6.1.1.5360 and WPC for Windows 7.0.5496 - 04/09/2025 .....	18
Watchdoc/WSC 6.1.1. et WPC for Windows 7.0.5496 - 06/08/2025 .....	19
Watchdoc/WSC 6.1.0.5318 and WPC for Windows 7.0.5496 - 24/07/2025 .....	19
Watchdoc/WSC 6.1.0.5304 and WPC for Windows 7.0.5496 - 15/07/2025 .....	20
Watchdoc/WSC 6.1.0.5290 and WPC for Windows 7.0.5419 - 26/06/2025 .....	21
Watchdoc/WSC 6.1.0.5276 and WPC for Windows 7.0.5352 - 12/06/2025 .....	22
Watchdoc/WSC 6.1.0.5268 and WPC for Windows 7.0.5289 - 04/06/2025 .....	23
Watchdoc/WSC 6.1.0.5262 and WPC for Windows 7.0.5289 - 28/05/2025 .....	23
Watchdoc/WSC 6.1.0.5249 and WPC for Windows 7.0.5242 - 13/05/2025 .....	24
Watchdoc/WSC 6.1.0.5234 and WPC for Windows 7.0.5194 - 30/04/2025 .....	24
Watchdoc/WSC 6.1.0.5221 and WPC for Windows 7.0.7987 - 17/04/2025 .....	25
Watchdoc/WSC 6.1.0.5206 and WPC for Windows 7.0.7987 - 03/04/2025 .....	26
Watchdoc/WSC 6.1.0.5194 and WPC for Windows 7.0.7907 - 21/03/2025 .....	27
Watchdoc/WSC 6.1.0.5178 and WPC for Windows 7.0.4863 - 06/03/2025 .....	28
Versions Watchdoc/WSC 6.1.0.5164 and WPC for Windows 7.0.4798 - 20/02/2025 .....	29
Versions Watchdoc/WSC 6.1.0.5150 and WPC for Windows 7.0.4723 - 06/02/2025 .....	29
Versions Watchdoc/WSC 6.1.0.5138 and WPC for Windows 7.0.4681 -	30

---

01/27/2025 .....	
Watchdoc/WSC 6.1.0.5122 and WPC for Windows 7.0.4631 - 01/09/2025 .....	31
Watchdoc/WSC 6.1.0.5094 and WPC for Windows - 7.0.4612 - 12/12/2024 .....	31
Watchdoc/WSC 6.1.0.5082 and WPC for Windows 7.0.4586- 12/03/2024 .....	32
Watchdoc 6.1.0.5058 - 11/14/2024 .....	33
Watchdoc/WSC 6.1.0.5052 and WPC for Windows 7.0.4506- 11/04/2024 .....	33
Watchdoc/WSC 6.1.0.5038 and WPC for Windows 7.0.4506 - 10/18/2024 .....	33
Watchdoc/WSC 6.1.0.5025 and WPC for Windows 7.0.4506 - 10/03/2024 .....	34
Watchdoc/WSC 6.1.0.5011 and WPC for Windows 7.0.4478 - 09/19/2024 .....	35
Watchdoc/WSC 6.1.0.4996 and WPC for Windows 7.0.4458 - 09/06/2024 .....	35
Watchdoc 6.1.0.4980 - 07/19/2024 .....	36
Watchdoc/WSC 6.1.0.4940 and WPC for Windows 7.0.4379 - 11/07/2024 .....	37
Watchdoc/WSC 6.1.0.4913 and WPC for Windows 7.0.4350 - 06/17/2024 .....	38
Watchdoc/WSC 6.1.0.4891 - 05/22/2024 .....	38
Watchdoc/WSC 6.0.0.5318 and WPC for Windows 7.0.5496 - 24/07/2025 .....	40
Watchdoc/WSC 6.0.0.5304 and WPC for Windows 7.0.5496 - 15/07/2025 .....	40
Watchdoc/WSC 6.0.0.5290 and WPC for Windows 7.0.5419 - 26/06/2025 .....	40
Watchdoc/WSC 6.0.0.5276 and WPC for Windows 7.0.5352 - 12/06/2025 .....	40
Watchdoc/WSC 6.0.0.5234 and WPC for Windows 7.0.5194 - 30/04/2025 .....	40
Watchdoc/WSC 6.0.0.5178 and WPC for Windows 7.0.4863 - 06/03/2025 .....	40
Watchdoc/WSC 6.0.0.5094 - 12/12/2024 .....	40
Watchdoc/WSC 6.0.0.5011 - 09/18/2024 .....	40
Watchdoc/WSC 6.0.0.4968 - 07/08/2024 .....	40
Watchdoc/WSC 6.0.0.4940 - 07/10/2024 .....	40
Watchdoc/WSC 6.0.0.4898 - 05/29/2024 .....	40
Watchdoc/WSC 6.0.0.4884 - 05/16/2024 .....	40
Watchdoc/WSC 6.0.0.4856 - 04/18/2024 .....	40
Version 6.0.0.4843 - 04/04/2024 .....	41
Version 6.0.0.4800 - 02/09/2024 .....	42
Version 6.0.0.4686 - 11/02/2023 .....	45
Version 5.5.0.4646 - 28/09/2023 .....	45
Version 5.5.0.4547 - 15/06/2023 .....	46
Version 5.5.0.4547 - 15/06/2023 .....	46
Version 5.5.0.4490 - 10/05/2023 .....	47
Version 5.5.0.4470 - 14/04/2023 .....	47
Version 5.5.0.4442 - 14/03/2023 .....	47
Version 5.5.0.4436 - 27/02/2023 .....	47
Version 5.5.0.4408 - 24/01/2023 .....	48
Version 5.5.0.4373 - 20/12/2022 .....	48
Version 5.5.0.4361 - 13/12/2022 .....	48
Version 5.5.0.4346 - 28/11/2022 .....	48
Version 5.5.0.4331 - 14/11/2022 .....	49
Version 5.5.0.4317 - 03/11/2022 .....	49
Version 5.5.0.4303 - 13/10/2022 .....	50
Version 5.5.0.4277 - 19/09/2022 .....	50
Version 5.5.0.4275 - 15/09/2022 .....	50
Watchdoc and WSC 5.4.1.3967 - .NET 4.7.2 - 15/11/2021 .....	51
Watchdoc and WSC 5.4.1.3934 - .NET 4.7.2 - 11/10/2021 .....	52
Watchdoc and WSC 5.4.1.3875 - .NET 4.7.2 - 11/08/2021 .....	52

Watchdoc and WSC 5.4.1.3846 - .NET 4.7.2 - 13/07/2021 .....	52
Watchdoc and WSC 5.4.1.3773 - .NET 4.7.2 - 04/05/2021 .....	52
Watchdoc and WSC 15/11/2021 - The 5.3.0.3955 version .....	53
Watchdoc and WSC 11/10/2021 - The 5.3.0.3932 version .....	53
Watchdoc and WSC 11/08/2021 - The 5.3.0.3875 version .....	53
Watchdoc and WSC 13/07/2021 - The 5.3.0.3847 version .....	53
Watchdoc and WSC 04/05/2021 - The 5.3.0.3750 version .....	54
Watchdoc and WSC 18/03/2021 - The 5.3.0.3727 version .....	54
Watchdoc and WSC 09/02/2021 - The 5.3.0.3689 version .....	54
Watchdoc and WSC 27/11/2020 - The 5.3.0.3618 version .....	54
Watchdoc and WSC 5.3.0.3521 version .....	54
Watchdoc and WSC 12/08/2020 version .....	55
Watchdoc and WSC 5.3.0.3451 version .....	55
Watchdoc and WSC 5.3.0.3420 version .....	55
Watchdoc and WSC 5.3.0.3380 version .....	55
Watchdoc and WSC 5.3.0.3345 version .....	56
Watchdoc and WSC 5.3.0.3295 version .....	56
Watchdoc and WSC 5.3.0.3253 version .....	57
Watchdoc and WSC 5.3.0.3225 version .....	57
Watchdoc and WSC 5.3.0.3217 version .....	57
Watchdoc and WSC 5.3.0.3182 version .....	58
Watchdoc 5.2 .....	58
Watchdoc and WSC 27/07/2020 - Version 5.2.0.3493 .....	58
Watchdoc and WSC 24/06/2020 - Version 5.2.0.3461 .....	58
Watchdoc and WSC Version 5.2.0.3420 .....	58
Watchdoc and WSC version 5.2.0.3414 .....	59
Watchdoc and WSC Version 5.2.0.3406 .....	59
Watchdoc and WSC version 5.2.0.3296 .....	59
Watchdoc and WSC Version 5.2.0.3240 .....	59
Watchdoc and WSC Version 5.2.0.3225 .....	59
Watchdoc and WSC Version 5.2.0.3205 .....	59
Watchdoc and WSC Version 5.2.0.3169 .....	60
Watchdoc and WSC Version 5.2.0.3113 .....	60
Watchdoc and WSC Version 5.2.0.3090 .....	60
Watchdoc and WSC Version 5.2.0.3041 .....	61
Watchdoc and WSC Version 5.2.0.3015 .....	61
Watchdoc and WSC Version 5.2.0.2986 .....	61
Watchdoc and WSC Version 5.2.0.2944 .....	62
Watchdoc 5.1 .....	62
Watchdoc and WSC Version 5.1.1.3141 .....	62
Watchdoc and WSC Version 5.1.1.3048 .....	62
Watchdoc and WSC Version 5.1.1.2982 .....	63
Watchdoc and WSC Version 5.1.1.2867 .....	63
Watchdoc and WSC Version 5.1.0.2673 .....	64
Watchdoc and WSC Version 5.1.0.2537 .....	65
Watchdoc and WSC Version 5.1.0.2519 .....	65
Watchdoc and WSC Version 5.1.0.2404 .....	66
Watchdoc and WSC Version 5.1.0.2359 .....	67
Watchdoc 5.0 .....	68

---

Watchdoc and WSC Version 5.0.0.2328 .....	68
Version 5.0.0.2189 .....	69
Version 5.0.0.2169 .....	70
Version 5.0.0.2114 .....	70
Version 5.0.0.2100 .....	71
Version 5.0.0.2058 .....	71
Version 5.0.0.2016 .....	72
Version 5.0.0.1999 .....	72
Version 5.0.0.1925 .....	73
Version 5.0.0.1888 .....	73
Version 5.0.0.1862 .....	73
Version 5.0.0.1813 .....	74
Version 5.0.0.1782 .....	74

## Copyrights

© 2026. Doxense®. All rights reserved.

Watchdoc® and all product names or trademarks mentioned in this document are trademarks of their respective owners.

Reproduction in whole or part, by any means whatsoever is prohibited without prior authorisation. Any electronic copies, either by photocopy, photograph, film or any other means is an offense.

47, avenue de Flandre  
59290 Wasquehal - FRANCE  
[contact@doxense.com](mailto:contact@doxense.com)

Tel : +33(0)3.62.21.14.00  
Fax : +33(0)3.62.21.14.01  
[www.doxense.com](http://www.doxense.com)

## Watchdoc/WSC 6.1.1.5556, WPC for Windows 7.0.5999 et Skyprint 7.0.5998 - 18/03/2026

### Enhancements

- **Watchdoc:**
  - improvements to the logs to facilitate better troubleshooting in the event of issues updating the PUK code in WPC for Windows;
  - various improvements to interfaces, labels and translations;
  - improvements to the SNMP v.3 configuration of a print queue, enabling a group configuration to be applied to the queue;
  - improvements to the statistics export interface (simplification of the 'date' search criterion)
- **WPC for Window:** in the user interface, improved information regarding the status of the document being processed
- **WPC for Android:** integration of responsive design into the app to ensure it adapts to all types of Android screens (mobile phones and tablets)

### Fixes

- **Watchdoc :**
  - In the queue configuration, correction of the function that records spool processing activity by the Doxense spooler (custom spooler) to facilitate troubleshooting. This function was no longer operational
  - Addition of a parameter to restore correct counting when printing large formats (A3), which were being counted twice by the device
  - when the frequency of quota reloading is changed, the new parameter value is applied immediately
- **Print Client:** in the print history, document titles are obscured for all files, including personal files (USB files), when title replacement is enabled..

## Watchdoc/WSC 6.1.1.5548, WPC for Windows 7.0.5983 and Skyprint 7.0.5983 - 10/03/2026

### Fixes

- **WES Ricoh:** fixed an issue that prevented the Ricoh WES installation

## Watchdoc/WSC 6.1.0.5543, WPC for Windows and Skyprint 7.0.5983 - 23/02/2026

### Enhancements

- **Watchdoc:**
  - Addition of a filter to hide proxy queues by default in the print queue list in order to shorten the list loading time and avoid confusion/clarification of the error message in case of incorrect licenses/removal of the dependency on Visual C++ 2013/modification of SNMP encoding alerts to avoid log file overload
  - Clarification of the error message in case of an incorrect license

- Removal of dependency on Visual C++ 2013
- Modification of SNMP encoding alerts to prevent log file overload
- **WPC for Android:**
  - Improvement of the error message in the event that the printing device selected by the user is not operational.

### Fixes

- **Watchdoc:**
  - Correction of the error displaying consumables in the print queue list (the column did not display any data)
  - Correction of the PostgreSQL database update program (pgsql\_update\_[n°\_v].sql) ensuring that the database is updated without docID issues
  - Correction of the “PIN code” parameter, which appeared as an error in the META directory configuration after updating to version 6.1.1.5533
  - Fixed an issue causing an error on the “My Account” page (message “An error occurred - Error while calling method ScreenMyAccountStats”) related to enabling the “Display team statistics” setting when the user does not belong to any team.
  - Correction of the error preventing the integration of a server into a domain or changing the nature of a server (from slave to master) (error message “Wrong number of arguments or invalid property assignment: ‘adminDomainGetInfo’”)
- **WSC:**
  - Fixed an issue that prevented all printing devices from being displayed in the consumables level report.
  - Fixed an issue that displayed operational queues in the error queues report (alert for queues that can no longer print).
- **WES Toshiba:** fixed an issue that prevented jobs from printing when there was an internal device problem (SNMP “inside error” information).

## Watchdoc/WSC 6.1.1.5533, WPC for Windows 7.0.5979 and Skyprint 7.0.5979 - 23/02/2026

### Fixes

- **WES Sharp:** Fixed an issue that prevented the creation of the Xerox WES when the “WES accounting” checkbox was selected.

## Watchdoc/WSC 6.1.1.5528, WPC for Windows 7.0.5979 and Skyprint 7.0.5979 - 19/02/2026

### Enhancements

- **Watchdoc:**
  - in the configuration of SQL directories, removal of the “Oracle” type, which is incompatible with Watchdoc
  - in the management of rules on queues, removal of the option to redirect a print job to a pool of printing devices, as this function is not supported by Watchdoc

- In the domain management interface, the list of slave servers is now paginated for easier management.
- Harmonization of the default “Lifetime” parameter (8 hours) on all queue types (universal, physical, and virtual).
- In the statistics viewing interface (administration), the Export button has been restored.
- In print queue management, the input field for the Tag parameter (Platform section) has been replaced with checkboxes.
- **WSC:**
  - when propagating update packages, clarification of the “Security check failed” error message caused by a lack of write and read permissions on storage folders
  - in the server configuration interface, it is no longer possible to configure WSC with an unsecured port (5757), a configuration that generated “BadRequest” error messages
  - clarification of labels and error messages in the .CVS file import interfaces
- **WEScan:** when configuring a WES profile, it is now impossible to validate the profile if no scan profile is selected while the Scan function is enabled

## Fixes

- **Watchdoc:**
  - in email notifications, the time displayed was sometimes incorrect (one hour off). The notification now adjusts to the local time.
  - On the ‘My Account’ page, a preview of all print jobs is now displayed, even when encryption is enabled on Watchdoc, which was not possible in previous versions.
  - Correction of an anomaly in the display of the PUK code on the ‘My Account’ page when the user does not have a PIN code.
- **WPC for Windows:** correction of an anomaly that prevented the processing of large documents (> 150 pages). When the user sent a print request, the document appeared as ‘Sent’ and was listed in the WES job queue, but could not be printed.
- **WEScan:** modification of the component managing the interaction between the JSON DB and SQL to prevent scans from being deleted when the ScanToFolder function is enabled.
- **WSC/PNP:**
  - When migrating a queue from one server to another using Plug and Print, a message stating ‘Migration failed: the queue of id [ID\_No.] already exists!’ would appear when a proxy queue existed. Now, the proxy queue is deleted before the transfer.
  - The version number in the backup file was sometimes incorrect. Now, the correct version number is entered
  - in Guests account management, the Email field is checked, making this value optional and preventing duplicates (email address assigned to two different guests).
- **WES Sharp:**
  - the language configured on the device is taken into account to display WES messages when badge authentication is enabled.

- the logo is reactivated as an action button to access special actions on the device screen when badge authentication is enabled.

## Watchdoc/WSC 6.1.1.5514, WPC for Windows 7.0.5973 and Skyprint 7.0.5973 - 04/02/2026

### Enhancements

- **Watchdoc**
  - When configuring a “redirect to...” event that sends printing to a physical queue, improved information to warn that printing may be performed without validation.
  - Added online help in the configuration of locations with prerequisites and routing principles, and an alert message in case of incorrect or incomplete configuration
- **WPC for Windows**
  - Print queues deleted in Watchdoc are now also deleted in the MS Windows print manager
  - When a user sets a default queue, it now appears at the top of the list of available devices
- **WES Hewlett Packard:** When installing WES, improved messages relating to certificate cleanup: the administrator now knows why the action succeeded or failed.
- **WEScan:** Improvement of the information contained in the trace files in cases where the scan profile was not found. The information contained in the logs now allows for better diagnosis in the event of a malfunction.
- **Skyprint:** Better tracking of configuration operations: configuration changes and deletions are now recorded in log files to facilitate diagnosis in the event of a malfunction.

### Fixes

- **Watchdoc:** Fixed an issue that occurred when deleting a data source and prevented its deletion
- **WSC:** Fixed an error that occurred when launching the report configuration wizard (Advanced Configuration > Email Sending > Report...). The message “Method Not Allowed” was displayed instead of the “Periodic Event Configuration” interface
- **WES**
  - **Lexmark:** Removal of an error message in the installation report (pull print app is not installed) even though WES is correctly installed
  - **Sharp:** Support for accented characters and diacritics in the names of applications displayed on the WES and in device administration interfaces

## Watchdoc/WSC 6.1.1.5500, WPC for Windows 7.0.5957 and Skyprint 7.0.5957 - 21/01/2026

### Enhancement

- **Watchdoc:**
  - Removal of certain colors (yellow, in particular) that made it difficult to read the initials in the identicons
- **WPC for Windows:**
  - Improved performance when starting the service to limit the number of ICMP requests sent to the master server
  - Improved location selection interface to prevent certain buttons from overflowing when the interface size was reduced
- **WES**
  - **Lexmark:** When installing WES on the queue, clarification of the report indicating that the administrator password is incorrect or has been forgotten (“Could not retrieve session ID, probably because security is enabled on the device” becomes “Could not retrieve session ID, please check the password”)
  - **Sharp:** In the WES profile configuration, added a check on the parameters in the Redirection Management section to prevent a configuration error
  - **Xerox:** In the WES profile configuration, messages explaining the dependency between Device-based Accounting mode and Quotas have been added to prevent errors when saving the profile
- **WEScan - ScanToMail:** Addition of information to the logs (particularly WARN information) when the ScanToMail function fails (unsuccessfully sent) and the scan is deleted. These logs supplement the information displayed in the Watchdoc notifications interface
- **WPC for Android:** If the organization does not have EMM to make the application available to users, it can be installed from an .apk file.

## Fixes

- **Watchdoc:**
  - Correction of the print job redirection process to avoid generating unprocessed spools and automatic cleaning of these unprocessed spools to limit spooler clutter
  - Correction of reverse proxy management in the Web Server > DSP management interface, enabling the effective addition and deletion of entered addresses.
  - Verification of PIN codes entered by the user on the “My Account” page: the code length now complies with the expected length.
- **WSC:** Password obfuscation deactivation is now operational
- **WES Toshiba:** Correction of the Toshiba WES installation to make the ScanToMe function operational
- **WEScan Kyocera:** Removed punctuation characters that appeared in the job orientation options and added missing translations

## Watchdoc/WSC 6.1.1.5487, WPC for Windows 7.0.5944 and Skyprint 7.0.5947 - 08/01/2026

### Enhancements

- **WES Ricoh:** authentication token update (Token Access) - New expiry date = 22/02/2028. (For a token update without updating Watchdoc, please see

Troubleshoot the Ricoh WES)

## Watchdoc/WSC 6.1.1.5486, WPC for Windows 7.0.5944 and Skyprint 7.0.5947 - 07/01/2026

### Enhancements

- **WPC for Windows:** Users who do not wish to use WPC are no longer required to authenticate themselves (the authentication interface used to persistently display until authentication was completed). Users can now choose to authenticate themselves only after initiating a print job.
- **Skyprint:**
  - Improved configuration of email acceptance conditions. This makes it easier to use default restrictions or restrictions specific to a mailbox. In addition, it is possible to delete previously authorised domains or email addresses.
  - Improved management of reconnections between Skyprint and supervised mailboxes in the event of a restart following a failure.
- **WES Lexmark:** In the WES profile, addition of a setting to enable the deletion of suspended documents.

### Fixes

- **Watchdoc**
  - Update of components managing communication with a PostgreSQL database to prevent exceeding the number of simultaneous connections allowed. Exceeding this limit generated the error message 'Internal error while connecting to database pgsq...'
  - The Cards database was not automatically created in WSC when the configured database was of the PostgreSQL type. The anomaly has now been corrected.
  - Correction of Watchdoc's dependency on an SQL database: when the connection to an SQL database was not established, Watchdoc would sometimes fail to start. Now, Watchdoc starts regardless of whether the connection to the database is established or not.
  - When Watchdoc was running with the Doxense spooler (custom spooler), quotas were sometimes debited twice if the job was restarted after a printing incident. Now, quotas are only debited once. If two debits occurred, the second one is refunded.
- **WES Sharp:** Correction of the size of the 'My Prints' and 'WEScan' icons on the device screen. The size of the icons sometimes differed. The icons are now the same size (cf. Troubleshoot the Sharp WES).

## Watchdoc 6.1.1.5465 - 19/12/2025

### FixSharp WES - Troubleshoot the WES

- **WES Sharp:** Correction of the error occurring during the installation of WE (cf. Troubleshoot the Sharp WES)

## Watchdoc/WSC 6.1.1.5458, WPC for Windows 7.0.5912 and Skyprint 7.0.5911 - 11/12/2025

### Enhancements

- **Watchdoc:**
  - The inter-server function is now operational with Watchdoc servers equipped with different versions (particularly those prior to v. 6.1.0.4910).
  - In the Web Server > DSP configuration interface, a confirmation pop-up has been added for actions on web server entry points that have a significant impact on Watchdoc's operation (particularly 'deactivate' and 'delete').
  - For the 'report scheduling' function, unwanted email notifications for minor changes in the configuration interface have been removed.
- **WES Canon:** Addition of Canon Image Force 6155, C5140 and C5150 references to the list of compatible models
- **WEScan:** optimisation of label display in the Russian version of the interface
- **Skyprint:**
  - Clarification of the General Configuration interface by adding icons dedicated to the Update Certificate and Change Maintenance Password sections.
  - Addition of a function to automatically delete emails from supervised mailboxes as soon as they are processed by Watchdoc and moved to the 'Sent Jobs' list.
  - In the configuration interface for a supervised mailbox, clarification and graphical improvement of the default queue selection interface.
  - In the configuration interface for a supervised mailbox, addition of an explicit alert message in the event that the default queue no longer exists.
  - Overall improvement of labels in the interfaces.
- **Watchdoc Web Site Configurator Tool:** addition of a URI example in <https://>

### Fixes

- **Watchdoc :**
  - Fixed an issue causing Watchdoc Express v. 6.1.1.5444 installation to fail (Setup Failed) when Visual C++ 2022 was already installed on the server
  - Correction of quota flow when the job is not printed in cases where Watchdoc uses the custom spooler.
  - Fixed an issue preventing SMTP server authentication from being disabled for the Notifications feature
  - Corrected the synchronisation of WPC notifications between the master server and slave servers (notifications were sometimes not replicated on all servers in the domain).
  - The creation of an SQLite database is now operational (a message previously indicated 'The database creation script [...] was not found!').
- **Skyprint :**
  - In the configuration interface of a supervised mailbox, removal of an unnecessary automatic backup when deleting an email or domain listed in the terms of acceptance

- The icon indicating the connection status with the Watchdoc server is now functional (it sometimes did not update immediately)

## Watchdoc/WSC 6.1.1.5452 - 04/12/2025

### Fixes

- **Watchdoc:**
  - fix for an anomaly that prevented slave servers from restarting after an update if the master server was unavailable

## Watchdoc/WSC 6.1.1.5430 et WPC for Windows 7.0.5821- 12/11/2025

### Enhancement

- **Watchdoc:**
  - By default during installation, enable SSL communication in TLS 1.2 and TLS 1.3.
- **WES:**
  - **Lexmark:** Support of the Lexmark CX961 model
  - **Toshiba:** Addition of a parameter allowing you to configure the retention period for job logs. By default, they are deleted automatically. We recommend the shortest possible retention period in order to maintain the optimal performance of the printing device.

### Fixes

- **Watchdoc:**
  - repair of the function for creating customer configurations
- **WEScan Hewlett Packard:** repair of the "Assembly" feature
- **WSC:**
  - possibility of creating a print queue template with a .dat file
  - display a clear alert message when WSC is operating in degraded mode because the database is unavailable.
  - In degraded mode, correct the message indicating the status of operations (completed operations were indicated as 'in progress').

## Watchdoc/WSC 6.1.1.5417 and WPC for Windows 7.0.5821 - 31/10/2025

### New feature

- **WSC:** When creating a print queue with WES, it is possible to install WES from the queue creation interface.

### Enhancement

- **Watchdoc :**
  - Removal of report scheduling replication to prevent similar reports from being sent by all servers in the domain in a master/slave configuration.

#### Fixes

- **Watchdoc :**
  - Providing identifiers when running database scripts to be executed manually
  - Correcting an anomaly in the form used to add a data source for analytical codes
  - Correcting a rare problem that could cause unwanted logging
  - When configuring notifications, taking into account the web server name even if a space is entered by mistake
  - Correction of the delimitation of domains relating to badges and PUK codes
- **WES KM - Konica Minolta :** WES uninstallation now operational again
- **WEScan:**
  - HP - Hewlett Packard: removal of the swipe function on the WESCan screen, which could cause the screen to freeze
  - KM - Konica Minolta: correction of the uninstallation of WES Konica Minolta, now operational again

## Watchdoc/WSC 6.1.1.5402 and WPC for Windows 7.0.5802- 15/10/2025

#### Enhancements

- **Watchdoc:** addition of a validation button on the SMTP configuration page
- **WSC:** Backing up the driver store (DriverStore) during the update

#### Fixes

- **Watchdoc :**
  - Correction to the authentication mode configuration interface requiring the selection of TLS/SSL with the Exchange Online authentication mode.
  - Correction to the display in the 'is CA certificate' column. in the web server configuration interface.
  - Correction allowing the SMTP server configuration to be restored.
  - Correction of an anomaly preventing the authentication mode from being modified in the initial configuration interface.
- **WSC:**
  - Correction of an anomaly occurring during the creation of a print queue and generating the error message 'View execution failed'.
  - Correction of an anomaly preventing the creation of a virtual queue with the EMF spool type
  - Improved error handling when creating bulk print queues via CSV import
  - Correction of an anomaly preventing the creation of analytical codes
  - Correction of the deployment of the appropriate driver during bulk import of print queues, ensuring that the correct driver is deployed
- **WatchdocDiagTools :**
  - correction of an anomaly occurring during the generation of the log package

- **WEScan Toshiba :**
  - Fix making Scan To Mail functional again after installing a WES
- **WPC**
  - Correction of an anomaly concerning the first print with WPC (MS Windows message indicating failure)

## Watchdoc/WSC 6.1.1.5388 and WPC for Windows 7.0.5727 - 01/10/2025

### New feature

- **Watchdoc**
  - possibility of generating a PUK code based on an AD attribute from an MS Entra-Id directory

### Fixes

- **Watchdoc:** Correction of the display of the status of a Toshiba queue when it is online
- **WSC:** ability to add large drivers without causing installation failure
- **Outil Queue Creation Tool:** compatibility of the tool with Watchdoc v. 6.1.1
- **WES Sharp:**
  - Availability of the print job release function from the WES
  - Ability to install Sharp WES in SSL (even if there is no 'unsecure' port on the device or if this port is disabled by default)
  - Ability to enable and disable fault tolerance without restarting the printing device
- **WES Toshiba:** in the SOAP settings, removal of the automatic setting that set the value of the 'Port' field to '0' when it was empty

## Watchdoc/WSC 6.1.1.5373 and WPC for Windows 7.0.5496 - 17/09/2025

### Enhancements

- **Watchdoc**
  - Addition of logs in the CrystalAWD section to assist with certain diagnostics.
  - Improved visibility of buttons on the server management page.
  - Improved stability of configuration backups requiring a web server reset.
  - Optimisation of queries relating to statistics by team on the 'My Account' page.
  - Addition of logs in the event of Watchdoc service shutdown to facilitate diagnostics.
  - Ability to save logs from the quota SQL database to a separate file.

### Fixes

- **Watchdoc :**
  - Addition of missing translations in various administration interfaces
  - Validation of the conformity of data entered in the DNS field as part of an update to 6.1.1

- preservation of the .net remoting port configuration as it was configured in v. 6.1.0 when updating to 6.1.1
- ability to configure WES without SSL
- removal of the error message displayed when the Quota Database is not enabled
- **WSC :**
  - Revision of the wording for PUK code generation in the guest account creation form
  - Addition of a field allowing the creation of a PIN code in the guest account creation form
  - Default activation of password obfuscation upon installation

## Watchdoc/WSC 6.1.1.5368 and WPC for Windows 7.0.5496 - 11/09/2025

### Fixes

- **Watchdoc:**
  - SSL negotiation is stopped when this parameter is disabled in the configuration
  - When migrating from v. 6.1.0 to v. 6.1.1, the Unsecured DSP Port parameter is retained and remains active if it was configured as such in the previous version

## Watchdoc/WSC 6.1.1.5360 and WPC for Windows 7.0.5496 - 04/09/2025

### New features

- **WSC:**
  - ability to configure SNMP v. 2 when creating a single queue and bulk queues
  - ability to use OAUTH as the authentication mode for configuring the WSC SMTP server

### Fixes

- **Watchdoc:**
  - update of identifiers in manual database update scripts
  - display of the server MAC address in the licence menu
  - correct replication of the universal queue
  - preservation of the custom .net remoting port in v. 6.1.0 when updating to v. 6.1.1
- **WES:**
  - addition of missing translations in the WES profile configuration interface
  - correction of the navigation bar overlap on the WES profile configuration interface
- **WSC:**
  - ability to enter a special character (diacritical) in the 'Name' field of the Watchdoc update addition interface

- correct translation of locations in the print queue list
- Translated with DeepL.com (free version)

## Watchdoc/WSC 6.1.1. et WPC for Windows 7.0.5496 - 06/08/2025

### New features

- **Watchdoc:**
  - Addition of a navigation bar to facilitate navigation within the configuration interface of a WES or WEB profile
  - Addition of OAUTH as an authentication mode for configuring the Watchdoc SMTP server

### Enhancements

- **Watchdoc:** Removal of keyword search for print queue
- **WSC:** Disabling SMTP configuration import for security reasons
- **WES Sharp:** Visual improvement of the dynamic menu display for devices equipped with AMX2 / BP-MX10

### Fixes

- **Watchdoc:**
  - The modification of the ClientId for WPC and Web SSO is taken into account
  - The selection of a tariff in the savings calculator is now limited to the standard tariff
  - Fixes an issue that occurs after moving print queues from one server to another in an environment where the cross-server feature is enabled
  - Restriction and control of input fields (ports, rates, costs) to limit errors and enhance security
- **WES Sharp:** Correction to make the WES Sharp AMX2 / BP-MX10 compatible with the MX-3070 model
- **WSC:** Correction relating to the function for adding printer drivers from the template management interface, now working again
- **WEScan :**
  - **Kyocera:** Correction of PPTX format interpretation in the OCE function (the format is no longer converted to PDF)
  - **Xerox:** Correction of the accounting treatment of printing jobs
- **WPC for Windows:** Correcting the frequency and number of authentication attempts in the event of failure

## Watchdoc/WSC 6.1.0.5318 and WPC for Windows 7.0.5496 - 24/07/2025

### New feature

- **WSC:** when deleting a print queue via WSC, automatic creation of an external queue so that the full statistics of the deleted queue can be retained.

## Enhancements

- **Watchdoc:** compatibility of the Savings Calculator function with a PostgreSQL® database
- **WES Sharp:** activation of Sharp WES with AMX2 option on print devices with n 2.0 browser (model 3070, for example)
- **WSC:** improved error handling when saving a template

## Fixes

- **Watchdoc:**
  - restriction of authorised characters for the PIN code: only numbers are authorised
  - correction of a signature problem in the update package
  - possibility of configuring encoding in the universal queue
  - fixed the bug that made VPN Site-to-Site connectivity non-functional
- **WSC:**
  - correction to the function for modifying a queue which no longer causes the statistics for this queue to be lost
  - fixed the maintenance function that no longer deleted print jobs from a universal queue
  - fixed a bug that caused the driver name to change when two templates were configured with two different versions of the same driver.
  - restriction of the characters allowed when naming a queue saved as a template: special characters are not allowed.

## Watchdoc/WSC 6.1.0.5304 and WPC for Windows 7.0.5496 - 15/07/2025

### New features

- **Watchdoc**
  - ability to configure the “My Account” page to display team statistics
  - creation of a ‘Crystal’ certificate and associated 5744 secure port for new installations or upgrades to 6.1.1
  - addition of a navigation bar for easy configuration of web and WES profiles

### Enhancements

- **Watchdoc**
  - support for Windows 11 version 24H2
  - correction of labels to harmonise the Watchdoc Print Client for Windows configuration interface
  - addition of a link to the interface for activating the sending of periodic reports by e-mail in the report scheduling warning message, to make it easier to configure this function
  - added a search bar in the list of countries in the location configuration interface to make it easier to configure this function
  - addition of the MailKit® library for sending emails from Watchdoc
- **WES**
  - harmonisation of the error message displayed on WESs if the badge is not identified (now in line with other similar messages)
  - Sharp:

- updated the wording of the 'AMX2' option, now called 'BP-AM10'.
- improved interfacing with the 'AMX2 / BP-AM10' option, which now allows direct access from the WES to the "photocopy" and 'scan' functions (instead of using the print device menu)
- improved interfacing with the 'AMX2 / BP-AM10' option, which now installs authentication when the WES is installed.
- **WSC**
  - improved display of servers in the print queue creation interface
  - addition of a 'WES' column in the list of installed print queues
  - addition of the MailKit<sup>®</sup> library for sending emails from WSC

## Fixes

- **Watchdoc**
  - addition of missing translations for interfacing an Entra ID directory
  - statistics accounting corrected
  - removed the DSP section from the System Configuration interface and moved it to the new Web Server interface
  - fixed 'Show all locations' filter in location management, now functional again
  - fixed the configuration of a location when a default queue is associated with it
- **WSC**
  - graphical corrections to the interface for adding a driver
  - ban on entering a negative or zero value for the number of days before badge deletion in maintenance operations > user auditing
  - correction to the detection of signed drivers, now functional
- **WES**
  - Canon: corrected wording in the Keyboard Authentication section of the WES profile
  - Sharp : correction of the Stapling finish, now functional again
  - Toshiba: fixed encoding problem in installation report messages
  - Toshiba OP and Xerox: spelling correction in the WES configuration interface (Device section)
- **WEScan**: corrected activation of scan destinations, now functional again
- **Cap Monétique -Izly**: inability to make photocopies resulting in a negative balance

## Watchdoc/WSC 6.1.0.5290 and WPC for Windows 7.0.5419 - 26/06/2025

### New features

- **Watchdoc**: new bar for easier navigation in administration pages
- **WES Sharp**: support for the AMX2 option (BP-AM10) and development of a home screen supporting this option to reduce Sharp licensing costs
- **WSC**: when creating or editing a Xerox print queue, information about authorization to edit a registry key containing the path to the configuration file (.xml)
- **WPC**: ability to choose a physical queue as the default print queue for the WPC

on a given location and for a given group of users, enabling you to offer a full Cloud solution for direct printing

### Enhancements

- **Watchdoc :**
  - improve master server performance
  - increase the frequency of communication with a master server when a domain server encounters an error when calling the master server, so as not to overload the master server
  - secure link (https) between the administration interface and the machine's website
  - automatic delayed start-up of Watchdoc service 2 minutes after installation completion
  - clarification of the SHD parameter label in the initial Watchdoc Standard configuration page
  - translation of the term "Encoding" to "Encodage" in the French version of Watchdoc
  - simplification of the icon on the "WEB Server Management" page
  - identicone limited to 3 characters and special characters removed to make the identicone more legible
- **WES Toshiba:** job logs storage
- **WES Xerox:** Cyrillic alphabet support

### Fixes

- **Watchdoc:** correction of a malfunction preventing print jobs from arriving at WES
- **WES Canon:** correction of LPR print recognition on plotters (no longer in error)
- **WEScan Kyocera:** correction of OCR, which is now functional again
- **WSC:** selection of the correct template when modifying a file via WSC
- **WES Toshiba:** installation of appropriate certificate when installing WES

## Watchdoc/WSC 6.1.0.5276 and WPC for Windows 7.0.5352 - 12/06/2025

### New features

- **WES**
  - Availability of password authentication for Epson, Hewlett Packard, Konica Minolta, Sharp, Toshiba and Xerox WES.
  - Sharp WES: availability of a welcome screen supporting the AMX2 option.

### Enhancements

- **Watchdoc**
  - Reading of the registry key to check that it is not already in use in the event that you wish to specify, via a registry key, the path to a configuration (.xml) for a Xerox print queue in order to minimise the rights problems associated with registry key editing.
  - Lexmark (in particular on the Lexmark CX961 model): correction of the interpretation of SNMP '0/0' data. When the information relates to a property not supported by the device, Watchdoc no longer considers the information to be KO. As a result, Watchdoc no longer generates unjustified alerts.

- Automatic creation of a copy of the configuration when a server is singled out using the “Singleify” command via WCLI, so that the initial configuration can be restored in the event of an error.

### Fixes

- **Watchdoc**
  - Restore the badge dissociation (de-enrolment) function from the WES.
  - Restore the badge association function (enrolment) after authentication using the user name and print code.
- **WES Hewlett Packard**
  - Restore access to applications from the WES on Hewlett Packard devices.

## Watchdoc/WSC 6.1.0.5268 and WPC for Windows 7.0.5289 - 04/06/2025

### Fixes

- **WPC:** WPC for Windows: fixed WPC connection error.

## Watchdoc/WSC 6.1.0.5262 and WPC for Windows 7.0.5289 - 28/05/2025

### New features

- **Watchdoc :**
  - Possibility of configuring an alternative DSP port with a dedicated SSL certificate for WES deployment. This makes it easier to deploy WESs and simplifies certificate management;
  - in a WES profile, the ability to create customised ports to which an SSL certificate can be associated. This will facilitate WES deployments and simplify certificate management;
  - creation of a DSP server management interface to replace the certificate management page;
  - ability to configure the endpoint (port or certificate) used when editing a WES profile.

### Enhancements

- **Watchdoc :**
  - when configuring a WES profile, the default authentication mode becomes User Name / Pin Code instead of PUK Code (authentication mode not recommended).
- **WSC :**
  - possibility of redefining the path of the folder to which the decompressed archives are sent in order to avoid any rights problems. This is configured via the configuration point, which has no interface. You will need to edit general/driver-store-path-unzip. For example: <driver-store-path-unzip>%data%/DriverStore/.reserved</driver-store-path-unzip> when editing the details of a driver managed
  - in WSC, ‘Signed’ becomes ‘Signed by Doxense’ in order to specify the origin of the certificate.
- **WPC:** updated version of the Flutter<sup>®</sup> development framework.

## Fixes

- **Watchdoc:**
  - correction to the size of an icon in the WES profile editor: the size of the '+' icon has been standardised
  - spelling correction in the editing window of a WESMUL-4753 profile
  - spelling correction in the generic error window
  - update stabilisation when only the website is installed without the Watchdoc service
- **WES Lexmark:** avoids connection errors when using an intermediate certificate
- **Cap Monétique:**
  - Battery of tests on the operation of Izly with Toshiba for Sharp.
  - correction of auto-enrolment with an IZLY badge.
- **WPC:** this prevents a potential routing error in the event of a print job being sent from an account with a homonym in a different user directory.
- **WSC:** spelling correction in the window for adding a guest account if the account already exists.

## Watchdoc/WSC 6.1.0.5249 and WPC for Windows 7.0.5242 - 13/05/2025

### Enhancements

- **Watchdoc:**
  - It is now possible to specify the driver encoding in the configuration (in expert mode) of the print queue and print queue group.
  - add a sub-menus to the System configuration page.
- **WPC:** display of the domain to which the user belongs when authenticating by user account and PIN code. This prevents confusion in infrastructures containing several domains and homonymous user accounts.
- **WES:** addition of an alert message when configuring PUK authentication (authentication mode not recommended).

### Fixes

- **Toshiba WES:** Quotas work on Toshiba e-STUDIO devices
- **WSC:**
  - Correction of the procedure for propagating updates from WSC and clarification of the summary message.
  - Correction relating to the transfer of a queue from one server to another via WSC in the case of a PROXY type queue.
- **WPC:** using the driver's default print processor.
- **Cap Monétique:** compliance of identity fields in the base for printing using the IZLY account balance

## Watchdoc/WSC 6.1.0.5234 and WPC for Windows 7.0.5194 - 30/04/2025

### Enhancements

- **Watchdoc:**
  - improved performance of interserver communications
  - improved performance by caching default print queue information
- **WSC:** improved wording for closing pop-ups

### Fixes

- **WSC:** correction to apply the correct template distributed to WPC for Windows
- **Cap Monétique:**
  - correction to the mapping between the docID in the 'Document' table and the fbdocID in the 'formatbreakdown' table
- **Watchdoc:**
  - automatic application of security rules in the firewall when installing Watchdoc
  - adding missing translations
  - correction of the alignment of the Monochrome pages, Colour pages and Number of copies labels to make them easier to understand
- **WES Konica Minolta:**
  - Quota source description displayed permanently when editing the WES profile
  - correction to prevent duplicate unblocking of print jobs
- **WES Hewlett Packard:**
  - improving WES security
  - correction of the anomaly that required you to sign in twice to authenticate yourself
- **WESCan Epson:** correction to the display of the Scan2Me function on WF-579 models

## Watchdoc/WSC 6.1.0.5221 and WPC for Windows 7.0.7987 - 17/04/2025

### New features

- **Watchdoc:**
  - in the list of locations, addition of a pictogram informing of the assignment of a default queue
  - in the list of print queues, addition of a pictogram designating the default queues associated with locations
- **WES:** ability to disable fault tolerance to improve performance

### Enhancements

- **Watchdoc:** master server performance improvements
- **WSC:**
  - secure driver propagation by masking driver location information
  - optimized error handling and clarification of error messages when adding a driver
    - additional field control and error message when the PUK code assigned to a guest already exists
- **WEScan:** optimized presentation of parameters to clarify ScanToMail

destination management

- **WES Xerox:** C7000 model added to compatibility list

## Fixes

- **Watchdoc:**
  - more secure web administration interface and web page "My account" (In the case of a remote IIS server, this involves modifying the Watchdoc firewall rules)
  - instant recognition of changes to a print queue port
  - instant recognition of changes to the location of WES Traces log files
  - unique encryption of passwords when replicated
- **WES:**
  - corrected management of duplicate documents when activating the
  - Toshiba WES interserver: administrator login taken into account from WES
- **WEScan Epson:** activation of ScanToMe on model WF-579
- **WSC :**
  - secure user search field
  - corrected an error when creating a guest account

## Watchdoc/WSC 6.1.0.5206 and WPC for Windows 7.0.7987 - 03/04/2025

### Enhancements

- **Watchdoc:**
  - securing the 'discover' service by deleting certain information
  - update of external dependencies
- **WSC:**
  - clarification of the error message when a database cannot be reached when creating a print queue
  - improved error handling when adding drivers
  - update of external dependencies
  - improved security
- **Hewlett Packard WES:** improved stability of WES during incidents involving inter-server communication

### Fixes

- **Watchdoc:**
  - fixed popups displaying a '404 error' message
  - fixed an error causing a print queue to be invalid if the 'Default' directory was set to 'Roles'
  - correction relating to the refresh token which refers to the META directory instead of the directory to which the user belongs
  - correction of an anomaly relating to homonyms
  - addition of missing translations
  - ability to create a scan destination beginning with a number
  - ability to modify the spool transformation profile by activating debug mode
  - correction to currency rate change
- **WSC:**

- correction of headings in the configuration of the Guests database to make it easier to understand the creation of PUK code
- correction relating to the simulation of crontables
- correction relating to the removal of a guest management view
- support for large .mwlk licences
- correction relating to adding and reallocating badges
- fixed mail-test function
- **Sharp WES:** correction relating to badge authentication
- **Cap Monétique:**
  - correction to the correspondence between docID and gbDOCID in the FormatBreakdown table for printouts using the Izly balance
  - recording of scans in the FormatBreakdown table when several scans are performed without the user logging out
  - correction to prevent paid scans when quotas are negative
  - correction to prevent copies resulting in a negative balance
  - correspondence between Izly and PMV balances in the FormatBreakdown table
  - display of the Izly reference in the FormatBreakdown table when a printout uses two PMV balances and one Izly balance

## Watchdoc/WSC 6.1.0.5194 and WPC for Windows 7.0.7907 - 21/03/2025

### New features

- **WPC for Windows:**
  - ability to associate a default queue with a role and a location;
  - the user can be authorised (or not) to modify the default queue configured for a location.
- **WSC:** release of the German version of the interface.

### Enhancements

- **Hewlett Packard WES:** improved WES stability in the event of inter-server incidents
- **WSC:** enhanced interface security

### Fixes

- **Watchdoc:** enhanced security for the add server page.
- **WESCan:** correct the layout of a scanned document containing several pages.
- **WPC for Chrome:** addition of missing translations.
- **WES Kyocera:** All screen sizes are taken into account when displaying WES.
- **WES Sharp:** correction relating to the connection of Sharp devices at remote sites to the Watchdoc server.
- **Cap Monétique:**
  - correction for photocopies appearing in the FormatBreakdown table with an identifier other than 0 and corresponding to the DocID
  - correction for costs per format in the FormatBreakdown table
  - The Paybox balance becomes negative when you make more photocopies

- than you can for Izly
- Izly scans are present in the FormatBreakdown table for Izly

## Watchdoc/WSC 6.1.0.5178 and WPC for Windows 7.0.4863 - 06/03/2025

### Enhancements

- **Watchdoc:**
  - deletion of OpenAPI settings (obsolete) in the print queue settings menu
  - deletion of the 'Slow down spool file sending' option in the Print Queue Properties, Spool File Sending section, (except for expert users in DEBUG mode)
  - removal of the obfuscation options for document titles (obsolete). This option is now synchronised at group level.
  - update of the 'SNMP Walker' documentation in the product installation files;
  - masking of the 'Encrypt document title in shared queue' option, now managed natively by Windows.
- **WESCan:** improved logs in cases where no scan profile is found, to facilitate diagnosis.
- **WSC:**
  - display of a warning message when adding a driver signed with a WHQL signature (Windows) and invitation to sign the driver with a certificate from the client domain or by Doxense.
  - display of the certificate issuer when adding a driver.

### Fixes

- **Watchdoc:**
  - label translations in the 'Send spool files' section of print queue properties
  - addition of missing translations;
- **Cap Monétique:**
  - correction allowing a Paybox user's account to be reloaded;
  - improvement to the Paybox reload form to force values to be entered in mandatory fields;
- **WES Hewlett Packard:** improved accounting for scans and photocopies by taking into account the user domain;
- **WES Oki / Toshiba:** correction of an error message displayed during authentication.
- **WES Xerox :** correction of an anomaly that changed the 'short edge' duplex printing option to 'long edge'.
- **WSC :**
  - spelling corrections in the supervision console interfaces
  - removal of the 'Restart Telemetry Service' checkbox (obsolete) in the WSC updater.

## Versions Watchdoc/WSC 6.1.0.5164 and WPC for Windows 7.0.4798 - 20/02/2025

### New features

- **WPC:**
  - the Watchdoc administrator can define a default print queue for a given user role and location
  - the user can define their default print queue if they are not happy with the administrator's initial choice

### Enhancements

- **Watchdoc Express:** enhanced security for the setup program, which now uses accounts with the fewest possible privileges
- **WSC:**
  - enhanced security through minification of the Supervision Console's Javascript®.
  - improved information on the time to purge print jobs, now expressed in hour(s)
  - badge maintenance moved to the server maintenance page for greater consistency
- **WPC:** PrintAPI certificate retained when WPC is updated
- **WES Toshiba:** optimised configuration during installation

### Fixes

- **Watchdoc:** spelling correction and translation of certain fields in the location configuration
- **Watchdoc :**
  - replacement of a WML key by a clear wording in the titles of emails sent to users or administrators
  - display of a message indicating that the password is incorrect when an unsuccessful connection attempt is made
- **WPC for Chrome:** correction of authentication via Google®, now functional again with the 2FA
- **WES Hewlett Pakard:** the domain name is taken into account for accounting purposes, making it possible to distinguish between scans and photocopies by users with the same name belonging to two different domains
- **WES Oki:** removal of an inappropriate error message (editing disabled)
- **WES Sharp:** corrected enrolment from WES Sharp, which indicated that the badge/code association had failed
- **WES Toshiba:** fixed a bug that was deleting the machine's LDAP directory when WES was installed
- **WSC:** spelling corrections in the interface for adding drivers and deletion of a template

## Versions Watchdoc/WSC 6.1.0.5150 and WPC for Windows 7.0.4723 - 06/02/2025

### New feature

- **Watchdoc:** modification of the JsonDb database used by Watchdoc to store certain cold information (such as the progress of a scan, for example). Until now, the JsonDb has taken the form of files on disks. To prevent certain antivirus programs from locking the JsonDb files, thereby causing problems, the Watchdoc administrator can now choose the target of the JsonDb: materialise it as files on disks (default mode) or point to an SQL server.

### Enhancements

- **Watchdoc:** addition of security attributes to HTTP cookies in order to strengthen security.
- **WESCan Kyocera:** improved error message in the event of an exception occurring in JsonDb during the scan, to facilitate diagnosis. Administrators can also use the new functionality that allows them to choose to materialise the JsonDb in the form of a SQL server instead of disk files.

### Fixes

- **Watchdoc :**
  - various fixes to the Izly API (Cap Monétique®)
  - secure user input to protect against injections
- **WES:** added missing translations to the functionality for unlinking a badge from the print device
- **WES Kyocera:** correct display of the WES the Kyocera MA4000 model
- **WES Ricoh:** correction of the Secure Print function, which was no longer functional
- **WESCan:** correction of scan destinations that propagate when a scan profile is duplicated
- **WESCan Hewlett Packard:** modification of default scan profiles for optimum contrast
- **WPC:** effective deletion of a cancelled print job
- **WSC :**
  - correction to the display of servers in the supervision console when telemetry is replicated and the servers have no location
  - secure user input to protect against injections

## Versions Watchdoc/WSC 6.1.0.5138 and WPC for Windows 7.0.4681 - 01/27/2025

### Enhancements

- **Watchdoc:** javascript **minification**<sup>1</sup> of the Watchdoc administration portal to enhance security
- **WES Ricoh:** improved error handling during WES configuration

---

<sup>1</sup>Minification (also minimisation or minimization) is the process of removing all unnecessary characters from the source code of interpreted programming languages or markup languages without changing its functionality. These unnecessary characters usually include whitespace characters, new line characters, comments, and sometimes block delimiters, which are used to add readability to the code but are not required for it to execute. Minification reduces the size of the source code, making its transmission over a network (e.g. the Internet) more efficient. (Source: Wikipedia)

## Fixes

- **Watchdoc**
  - translation of certain fields in the locations configuration
  - correction of the interpretation of PUK codes starting with 0
  - fixed printing code hiding on 'My account' page
- **WES Hewlett-Packard**: fixed Back button, now functional again
- **WPC**: synchronisation of PUK codes in WPC (in Silent mode), taking account of code changes made in Watchdoc

## Watchdoc/WSC 6.1.0.5122 and WPC for Windows 7.0.4631 - 01/09/2025

### Enhancements

- **WES**: improvements of logs for Epson machines to reduce false negatives in ERROR/FATAL
- **WEScan Kyocera**: continuous duplex scanning from the MFP feeder
- **WSC**:
  - alphabetical sorting of drivers to make it easier to add a new driver
  - save backup files and update logs when Watchdoc is updated from the Supervision Console in /data/updates-backup /{Update\_Name}/ {OperationId}.
- **WPC for Chrome (Chrome Extension)**: addition of the identité (identity icon common to all Watchdoc applications) in place of the user's first and last name
- **Watchdoc wizard updater**: ability to specify (on the command line) the path to a folder in which backup files are stored

### Fixes

- **Watchdoc**: user directory search corrected to take account of PUK codes starting with zero (0)
- **WEScan**: display of an explicit error message (instead of a 500 error) if a Scan To URL link has expired
- **WPC for Windows**: correction of an anomaly preventing the user interface from working properly
- **WPC for Chrome (Chrome Extension)**:
  - corrected an anomaly concerning the name of the server to which the printer is connected
  - added missing translation at location level

## Watchdoc/WSC 6.1.0.5094 and WPC for Windows - 7.0.4612 - 12/12/2024

### Enhancements

- **Watchdoc** :
  - updated counters for Ricoh
  - evolution of the algorithm used to ensure driver security to support drivers that do not comply with the WHQL specification
- **WEScan Hewlett\_Packard** :

- It is now possible to increase the space and size of fonts on Aurora screens
- It is now possible to swipe your finger to move from one settings page to another
- Job assembly is now deactivated by default. This added an unnecessary confirmation screen. The user experience has therefore been improved
- **WSC** : reduced verbosity of error messages to enhance security
- **WPC for Windows** : instant reconnection of WPC in the event of a network change

### Fixes

- **Watchdoc** :
  - bugfix allowing LDAP user directory creation via the wizard
  - bugfix preventing to enter negative print rates
  - bugfix related to photocopies count on Izly balance
- **WPC** : patch to prevent the WPC from reopening unexpectedly when the user closes the window
- **WPC for Chrome**: translation of the universal queue is now correctly translated
- **WSC** :
  - update of the component used to display graphs to take advantage of security patches
  - securing user input to protect against injections
  - correction of the display of server activity graphs

## Watchdoc/WSC 6.1.0.5082 and WPC for Windows 7.0.4586- 12/03/2024

### Enhancements

- **Watchdoc**
  - improved functionality for downloading all the logs for a file in one click. It now indicates whether the logs are activated or not
  - ability to recover user codes from competing software
  - application of a security patch to protect against XML injections

### Fixes

- **Watchdoc**
  - correction of the button for downloading the logs of a file, which now includes the traces for WESs coded in JAVA
  - visual improvements (empty field in a multiple selection disappears) and ease of use (simplified date entry)
  - correction of the directory configuration wizard
- **WES Sharp**
  - correction of the centring of the user's initials in the WES identicone (coloured icon specific to each user)
- **WSC**
  - correction to the Watchdoc update propagation functionality from the supervision console. It is no longer possible to launch duplicate propagation
  - corrected server activity graphs
- **SignatureManager**
  - improved logs in the case of Profile verbosity

- **WCLI**
  - improved logs in the case of Profile verbosity

## Watchdoc 6.1.0.5058 - 11/14/2024

### Fixes

- **Watchdoc**
  - Correction relating to the anonymisation of document titles, so that it is ensured in pending documents and in quotas
  - Corrected statistics to remove duplicate lines when quotas were activated

## Watchdoc/WSC 6.1.0.5052 and WPC for Windows 7.0.4506- 11/04/2024

### New features

- **Watchdoc**
  - ability to de-enrol a badge from the WES interface
  - ability to activate log files on print queues to facilitate diagnostics

### Enhancements

- **Watchdoc**
  - ability to replicate certificate alert settings ;
  - support for Xerox C82xx printing devices.
- **WES Xerox**
  - Addition of a parameter to prevent a document from being rejected

### Fixes

- **Watchdoc**
  - visual improvements
  - fixed a bug with statistics and quotas for an anonymous user
  - fixed an error relating to SNMP monitoring not starting with a Konica Minolta printing device
  - correction of the sending of IPP(S) or RAW documents
- **WES Sharp:** fixed a bug preventing popup closures
- **WES Hewlett-Packard:** correction of documents sent for printing to a Hewlett Packard printing device that are no longer forced in IPPS
- **WEScan Xerox:** correction of a translation anomaly
- **IZLY**
  - support for debits over €40;
  - addition of photocopies.

## Watchdoc/WSC 6.1.0.5038 and WPC for Windows 7.0.4506 - 10/18/2024

### New features

- **Watchdoc:** ability to test scan destination variables (such as \$HOME) in a directory

### Enhancements

- **Watchdoc:**
  - when installed for the first time, scans are free by default
  - optimisation of SQL queries issued in the case of inter-server configuration
  - the Watchdoc identity icon (identicone) has been integrated into the 'My Account' page
- **WES Lexmark:** update of the referencing files for new models

### Fixes

- **Watchdoc:**
  - visual improvements in the 'My Account' user interface
  - correction of the 'Watchdoc operator' role, which allows you to access print queues and perform basic operations
  - corrected error messages in the Incidents and Faults page
  - fixed a bug where AES password encryption was enabled
  - fixed a bug with resetting the cache in the case of a disk cache
  - fixed a bug that prevented a complex tariff from being selected
  - visual improvements
- **Konica Minolta WES:** correction of anomalies related to quotas
- **WSC:** correction of the 'test user' field (non-operational) in the Security Profiles and Directory Management interfaces;
- **WPC:** correction of a bug that froze the WPC for Windows user interface.

## Watchdoc/WSC 6.1.0.5025 and WPC for Windows 7.0.4506 - 10/03/2024

### Enhancements

- **Watchdoc:**
  - implementation of replication of notification event configuration
  - deactivation of Paybox<sup>®</sup> and Izly<sup>®</sup> by default
  - improvement of traces in the event of a problem with the sending of mail for users without a badge
- **WES Sharp:** an increase in font size to adapt the Galerie authentication mode to smaller screens
- **WEScan Konica Minolta:** changed the position of the 'Standard paper size' icons to make them easier to understand
- **WPC for Windows:** integration of the identity icon (identicone)

### Fixes

- **Watchdoc:** correction concerning replication of SMTP configuration with AES
- **WES:** correction relating to quotas (error (erreur « Invalid object name "dbo.formatbreakdown" »))
- **WES Sharp:**
  - correction of the colour of the identity icon for authentication in Gallery mode;
  - recovery of Watchdoc identity icons (identicones) on the 'Search' and 'login' pages for directories
- **WEScan:** reactivation of the \$HOME variable (temporarily inoperative).
- **WSC:**
  - fixed a bug that prevented security profiles from being deleted
  - visual improvement in the 'Security Profile' page

## Watchdoc/WSC 6.1.0.5011 and WPC for Windows 7.0.4478 - 09/19/2024

### New features

- **Watchdoc:**
  - integration of an identity icon for each user of Watchdoc and all other Doxense applications (visible in particular in authentication in gallery mode on the Sharp WES)
- **WES Epson:**
  - implementation of ScanToMe and ScanToFolder functions (scans to the email address or folder of the authenticated user).
  - implementation of a "Back to home screen" button on the Epson WES

### Enhancements

- **WPC for Windows:**
  - default display of the user "Profile" tab when WPC is configured in "silent mode"
  - graphical enhancements to the "Print Jobs" tab
  - ability to enable or disable spools retention on the WPC
  - spool retention can be configured using 3 combinable parameters:
    - number of spools retained
    - maximum size allocated on disk for spool retention
    - maximum retention time
  - for Xerox printing devices, advanced functions are deactivated by default

### Fixes

- **Watchdoc:**
  - correction of an anomaly causing disconnection between the printing device and the server following its editing in Watchdoc Admin (5 brands affected)
  - fixed an issue that prevented the creation of quotas
  - correction of a problem affecting the transformation of spools when spool encryption was activated
- **WES Toshiba:**
  - Correction of a problem with cards authentication

## Watchdoc/WSC 6.1.0.4996 and WPC for Windows 7.0.4458 - 09/06/2024

### New features

- **WPC:**
  - add of a new tab displaying the history of jobs sent from the WPC
  - ability to reprint a job from the print jobs tab
- **WES Sharp:** add of a new authentication mode in Gallery mode for Sharp
- **WEScan:**
  - Hewlett-Packard: compatibility with Hewlett-Packard devices authorising the features Scan To me, Scan to mail, Scan to folder and Scan to url.

### Enhancements

- **Watchdoc:**
  - activation of password encryption by default
  - ability to replicate AES configuration (password encryption)
- **WES Konica Minolta:** PUK code can be entered from an external keyboard
- **WSC:**
  - removal of the replication menu, as replication is now performed in Watchdoc (Manage a domain)
  - display of locations in the server management interface
- **WPC :**
  - the WPC MSI includes the PrintAPI certificate as a parameter to facilitate certain mass deployments

### Fixes

- **Watchdoc:**
  - fixed the partitioning defect in the Watchdocs administration interface
  - removed the html tags visible in the My Account page
  - made telemetry replication available
  - made it possible to use the configuration of the statistics database for the PUK directory
- **WESCan :**
  - the \$Account destination variable (account only)
  - update of the list of destination restriction directories, now complete
- **WPC :**
  - activation of high availability when WPC for Windows starts up while all servers are unavailable
  - re-launch of the direct print proposal when servers are unavailable
  - correction of direct print job sending in the context of high availability
- **WSC :**
  - improved error handling for updating the fleet from WSC in cases where the certificate is not verified by the server
  - fixed a visual bug in the operations tracker that caused it to flash

## Watchdoc 6.1.0.4980 - 07/19/2024

### New features

- **Watchdoc**
  - Scan constraints now integrated into the **ScanProfileCustomizer** tool, with a link to the documentation.
  - Watchdoc compatible with IZLY for counting and quoting printouts.

### Enhancements

- **Watchdoc:** improved quotas to ensure reloading, even when reloading periods have been missed.
- **WSC:** you can select the name of the driver you want to add.
- **WPC:**
  - WPC installation no longer requires high levels of rights.
  - To ensure high availability, WPC can now rely on a server other than the discovery server.

### Fixes

- **Watchdoc:** fixed a problem with negative value quotas for black and white prints.

- **WESCan:**
  - match the date to the geographical area when naming the document with the keyword \$LONGDATE ;
  - page numbering when receiving several documents in a single email.
- **WESCan Sharp:** fixed a problem where the scan operation was terminated after 30 seconds.
- **WES Hewlett-Packard:** consideration of authorised and rejected applications.
- **WES Kyocera:** correction of display faults.
- **WES Canon:** correction of a problem on the Canon 4735 copier preventing connection as administrator.
- **WES Lexmark:** fixed a problem with firmware 900.70
- **WSC:** fixed a problem where a false licence alert was being displayed (no longer necessary since v6.1).

## Watchdoc/WSC 6.1.0.4940 and WPC for Windows 7.0.4379 - 11/07/2024

### New features

- **Watchdoc**
  - integration of scan constraints into the ScanProfileCustomizer tool; in addition, a link to documented constraints is accessible from the tool
  - compatibility with the IZLY<sup>®</sup> electronic wallet for counting and quotas.

### Enhancements

- **Watchdoc:** quotas: simplification of the automatic reloading of quotas when it has not been possible to reload them periodically.
- **WSC :** driver name selection when adding a printer driver
- **WPC**
  - simplified installation of WPC for Windows: high-level rights are no longer required
  - simplification of high availability: WPC for Windows can now request a server other than the discovery server.

### Fixes

- **Watchdoc :** Fixed a problem with negative value quotas on black and white prints
- **WESCan**
  - consistency between the date displayed and the geographical area when naming a document with the keyword \$LONGDATE ;
  - document numbering when receiving several documents in a single email
- **WESCan Sharp :** Fixed a problem that required scanning to be completed in less than 30 seconds.
- **WES Hewlett Packard :** Authorised and unauthorised applications taken into account
- **WES Kyocera :** fix of display errors
- **WES Canon:** Fix problem on Canon 4735 copier preventing administrator login
- **WES Lexmark:** fix of a problem concerning firmware 900.70
- **WES Xerox:** fix of a problem where photocopies and scans did not appear in the statistics for Xerox C8155 printing devices.

- **WSC** : Fixed a problem displaying a false license alert (useless when using WSC since v6.1)

## Watchdoc/WSC 6.1.0.4913 and WPC for Windows 7.0.4350 - 06/17/2024

### New features

- **Watchdoc**
  - SNMP V3 support
- **WPC**
  - operation in hybrid mode by default: no longer opens automatically if not needed, but remains available from the taskbar

### Enhancements

- **Watchdoc**
  - improved wording and translations
  - added dedicated notification of interserver database status
  - added an additional configuration method for cache management and interserver database recovery mode

### Fixes

- **Watchdoc**
  - addition of missing modern icons in Watchdoc Admin
  - fixed a problem concerning PUK codes in a META directory in case of homonymy
  - fixed a problem with the ScanProfileCustomizer tool that prevented the import of a Konica Minolta scan profile
  - statistics PDF generation function restored
- **WES Samsung**
  - fixed "My Prints" button
  - corrected back button when editing print queue rights
  - WCLI slave server creation functionality stabilized
- **WSC**
  - corrected functionality for updating a domain from WSC
    - restoration of the progress bar when updating from a Windows Server
    - adjustment of update window size
    - improved message displayed during update propagation
    - in MailBox mode, close propagation operations and apply the update
- **WPC**
  - correction of a WPC fault that could occur when changing site without restarting the WPC, preventing the user from printing.

## Watchdoc/WSC 6.1.0.4891 - 05/22/2024

### New features

- **Watchdoc**
  - Centralised management of configuration common to both master and slave servers

- **WSC**
  - Centralised updating of all the servers in a domain: the master server update is propagated to all the servers in the domain that depend on it
- **WPC**
  - addition of a "high availability" mode in the event of failure of the servers used for direct printing
  - WPC for Windows can be customised graphically
  - availability of the WPC for Android application on the professional Google Play store.

### Enhancements

- **Watchdoc**
    - graphical updating of administration interfaces
    - modification of the printing policy: possibility of retaining the initial printing criteria, even if a printing policy is applied
    - enhanced interface security mechanisms (WHQL, anti bruteforce attacks, anti CSRF mechanism)
  - **WSC**
    - secure driver installation by verifying certificates. **Drivers must be reinstalled** after updating to WSC v6.1.
  - support du SNMP V3
-

**Watchdoc/WSC 6.0.0.5318 and WPC for Windows  
7.0.5496 - 24/07/2025**

**Watchdoc/WSC 6.0.0.5304 and WPC for Windows  
7.0.5496 - 15/07/2025**

**Watchdoc/WSC 6.0.0.5290 and WPC for Windows  
7.0.5419 - 26/06/2025**

**Watchdoc/WSC 6.0.0.5276 and WPC for Windows  
7.0.5352 - 12/06/2025**

**Watchdoc/WSC 6.0.0.5234 and WPC for Windows  
7.0.5194 - 30/04/2025**

**Watchdoc/WSC 6.0.0.5178 and WPC for Windows  
7.0.4863 - 06/03/2025**

**Watchdoc/WSC 6.0.0.5094 - 12/12/2024**

**Watchdoc/WSC 6.0.0.5011 - 09/18/2024**

**Watchdoc/WSC 6.0.0.4968 - 07/08/2024**

**Watchdoc/WSC 6.0.0.4940 - 07/10/2024**

**Watchdoc/WSC 6.0.0.4898 - 05/29/2024**

**Watchdoc/WSC 6.0.0.4884 - 05/16/2024**

**Watchdoc/WSC 6.0.0.4856 - 04/18/2024**

#### **New feature**

- **WATCHDOC**
  - compatibility with the TLS v1.3 security protocol

#### **Enhancements**

- **WES Sharp**
  - WES is installed in a single step and also installs the authentication screen on the device. It is no longer necessary to associate the device with the queue.

- **WES Lexmark**
  - Provision of a Watchdoc ROOT certificate marked CA= true by default to accommodate a Lexmark firmware update that makes this mandatory. In the event of a problem with an existing installation, consult the [Troubleshooting](#) section.
- **Chrome Extension**
  - Availability of the Chrome Extension in G Suite Admin<sup>®</sup>.
- **WSC**
  - possibility of updating WSC in "quiet" mode (without interface) if you want to deploy a large number of supervision consoles using a script

### Fixes

- **WPC**
  - in the specific case of a queue installed in "direct IP" mode that is not known to the Discovery server, the statistics for this queue are now taken into account in Watchdoc
- **WES Xerox**
  - fixed a rare problem with base replication when Xerox Accounting WES was activ
- **Tools**
  - Corrective action on the diagnostic tool ([cf. WatchdocDiagTool presentation](#))

## Version 6.0.0.4843 - 04/04/2024

### New features

- **WPC for Windows**
  - addition of high availability functions on the WPC so that printing can continue even when the server is offline.
  - added the ability to configure the WPC's high availability
  - ability to customise the WPC's colours and logo
- **WES**
  - ability to confirm that a job will be printed in colour, even if it has been automatically converted to black and white according to the printing policy applied by the WES

### Enhancements

- **Watchdoc**
  - any change of location on a server is now effective immediately
  - possibility of replicating configurations from the master server to the slave servers that depend on it (in particular the address of the supervision console, access rights, designation of the default directory).
  - added the ability to use the statistics database for the PUK code directory
- **WPC for Windows**
  - added the ability to exclude a physical file from the WPC for Windows configuration by adding the !win32 tag
  - improved user password protection
  - added a visual indicator when a print queue is installed from WPC

- **WES**
  - added high availability feature on the WES: ability to connect to the WES even when the interserver database is offline.
- **WEScan**
  - WEScan server performance improvements
  - Kyocera WEScan: constraints added to prevent selection of invalid scan parameter combinations

### Fixes

- **Watchdoc**
  - translated labels that were not being translated in location management
  - fixed a problem that could prevent the Watchdoc service from starting following a recent update
  - fixed a problem relating to the rights configured in the consultation and export of balance sheets
  - fixed a problem affecting certain printouts in EMF mode
  - fixed calculation of "Deleted by Watchdoc" and "Virtualised pages" statistics on databases with several versions of Watchdoc
  - fixed replication of statistics in the specific case of a non-recommended architecture involving proxies
- **WPC**
  - fixed the addition of printers with certain drivers
  - fixed a minor problem that could cause a black square to be displayed instead of the WPC icon
- **WSC - PNP**
  - fixed a problem that prevented WES from being deactivated when modifying a queue via PNP
- **WES HP**
  - fixed a problem preventing anonymous connection
- **WES Canon :**
  - fixed a problem that could lead to an error when authenticating and stabilising printing when using an HP driver on Canon WES
- **WES Epson**
  - fixed a problem that required users to log in again after using the Print on Demand application
- **WES Ricoh**
  - the Ricoh API access token has been updated, correcting potential problems associated with
- **WES Kyocera**
  - fixed a problem that prevented logs from being obtained
- **WESCan Kyocera**
  - fixed a rare problem that prevented scanning of very large files

## Version 6.0.0.4800 - 02/09/2024

### New features

- **Watchdoc**
  - it is now possible to use the product without creating locations
  - it is now possible to use the same licence file for all servers in the fleet
- **WEScan**

- it is now possible to customise WEScan images and colours
- it is now possible to read a custom field in the directory to retrieve the user's email address
- OCR capability added for non-compatible MFPs via scan post-processing with KCM
- **WSC**
  - the supervision console no longer requires a licence to operate
  - it is now possible to delete an old licence
  - it is now possible to connect with Azure AD
  - in the list of print queues, it is now possible to search for a printer by its IP address
- **WPC**
  - the WPC can now be configured from the Watchdoc administration site

## Enhancements

- **Watchdoc**
  - improved performance when initialising the Watchdoc service
  - improved PUK code management with Azure
  - various display improvements in the Watchdoc administration pages
  - addition of missing translations relating to locations
  - when editing a location, it is now possible to delete connectivity
  - a location can no longer be selected by the WPC if it has children
- **Wes Kyocera**
  - display improvements to WES Kyocera V2
- **Wes Xerox**
  - improved installation of Xerox WES
  - messages on the home screen of Xerox Versalink devices can now be changed
  - WES Accounting improved
  - improved messaging
- **Wes Ricoh**
  - added WES deployment support for new Ricoh ranges
- **Wes Konica Minolta**
  - improved Konica Minolta WES deployment
  - improved spool transformation (job transformation) on Wes Konica Minolta
- **Wes Kyocera**
  - display improvements for the Kyocera WES V2
- **Wes Ricoh**
  - WES compatibility with new Ricoh ranges
- **Wes Xerox**
  - improved installation of Xerox WES
  - ability to change the message on the home screen of Xerox Versalink devices
  - WES Accounting improved
  - improved messages
- **WEScan**
  - improved diagnostic message (custom scan profiles and cross-server base not enabled)
  - WES compatibility with Konica Minolta's 8 Range
- **WEScan Kyocera**

- improved scan profiles
- **WSC**
  - the authentication page is now responsive (adapted to very small screen sizes)
  - ability to change the language from the authentication page
  - improved filtering by location from the queue list
- **Plug and Print**
  - Konica Minolta WES can now be deployed when a file is deployed via Plug and Print
  - modification of a print queue no longer systematically results in deletion/re-creation
  - improved error handling when importing print queues en masse
  - improved error message to facilitate diagnosis (addition of a driver when the database is out of date)
- **WPC**
  - improved display when using zoomed Windows

## Fixes

- **Watchdoc**
  - configuration download button (.dat) removed for virtual and universal queues
  - fixed a problem that could prevent a filter from being created
  - improved error message when restarting a print queue
  - fixed a problem where the universal queue was wrongly displayed as a disappeared queue in the controlled devices tab
- **WES**
  - fixed a problem where the wrong quota was displayed in the case of a group quota
- **WES Kyocera**
  - the keyboard used to enter passwords on the Kyocera WES now contains special characters
- **WES Xerox**
  - corrected a problem displaying the balance on the Xerox WES
- **WES Konica Minolta**
  - correction of a display problem when connecting in anonymous mode on WES Konica Minolta
- **WEScan**
  - correction of a problem preventing the saving of a personalised scanning profile in WEScan
- **WEScan Kyocera**
  - fixed a rare problem preventing multiple duplex scanning on WEScan Kyocera
- **Plug and Print**
  - fixed an issue when adding a printer driver containing special characters
- **WPC for Windows**
  - fixed an issue removing discovery url affecting msi versions 7.0.4165 to 7.0.4197 (cf. Troubleshooting)

## Version 6.0.0.4686 - 11/02/2023

### New features

- **Watchdoc**
  - new Entra ID (Azure AD) directory connector
  - new unidirectional synchronisation mode between the master server and the other servers (MailBox mode)
  - users authenticate themselves securely using different methods
  - Watchdoc Print Client for Windows

### Enhancements

- **Plug and Print**
  - improved administration interface
  - improved location administration
  - automatic driver and mfp deployment



---

## Version 5.5.0.4646 - 28/09/2023

### Enhancements:

- WSC - bulk creation: possibility to create queues with the same name in different servers
- WSC: WES Toshiba automatic deployment
- WSC - bulk import: possibility to set a WES and not deploy it
- WSC - queue creation: when we choose a brand, only WES of this brand are proposed
- WSC - queue creation: error message improvement in case of Windows error 1753
- WSC: creation of a Xerox default configuration
- ScanProfileEditor: creation of configuration files for all brands
- WSC - queue list: registration of select filters
- WSC - add driver: drive 64 bits selected first

### Corrections:

- WSC: print history lost after transfert
- WES Toshiba: fix related to 5.5 migration
- Watchdoc: Export of incidents and faults not available
- PNP - queue creation: fix in location sort
- WESCAN KYO: fix in application start
- Watchdoc : queue configuration backup problem
- WES Toshiba : Scan and Fax not available on new models
- PNP - automatic scan: fix in printer Model Name and Template Name comparison
- Watchdoc: fix in statistics replication over http
- Watchdoc: ACL configuration on scan destinations not available
- PNP - add driver : synchronisation problem when the driver is too big
- Wes Ricoh : SOP G3 problem

## Version 5.5.0.4547 - 15/06/2023

### Enhancements:

- Watchdoc : Fdb error logs frequency improvement
- Watchdoc : Puk code database creation simplification
- WSC - queue creation : possibility to not publish a shared queue
- WSC - queue creation : possibilité to change the location of a shared queue
- WSC - queue creation : add a search in groups
- WSC - queue creation : add a configuration (xml) to add a node
- WSC - queue creation : no more limit in queue names
- WSC - queue creation : usage of domain names instead of IP adress
- WSC - queue creation : default configuration file for univiversal queue
- WSC - queue creation : new property "Publish printer" in templates
- WSC - queue creation : template choice for the universal queue
- WSC - Drivers : catalog synchronisation between Watchdoc servers
- WSC - bulk import : ability to set a WES without deployment
- WSC - bulk creation : ability to create several queues with the same name on different servers
- WESCAN : email adress set by user saved in user's profile
- WESCAN Kyocera : display of specific scan destinations related to informations set in Active Directory
- WES EPSON : Adaptation of screen sizes for new machines
- WES CANON : spool transformation via HP driver

### Errors corrections:

- Watchdoc - My account : pending jobs preview
- Watchdoc - Quotas : printing after spool transformation
- Watchdoc - Quotas : inject userName in spool file
- Watchdoc : release error with spooler custom
- WSC - vitual queue modification : error in initialisation popup
- WSC - operations : sort by date
- WES Lexmark : compatibility with Lexmark MX532adwe
- WES Xerox : WES installation with new Xerox browser
- WES Toshiba : SSL connections
- WES Canon : function release in quota mode

## Version 5.5.0.4547 - 15/06/2023

### Enhancements:

- WSC : Watchdoc servers can scan network to discover printers
- Watchdoc : unable netbios lookup in configuration file

### Errors corrections:

- Watchdoc : WEScan uninstallation message in administration web site
- WSC : print queue refresh fix
- WES XEROX : release of the administrator web page in partial lock mode
- WES LEXMARK : slow connexion to server
- WES Xerox : German translation fix
- WES : Spanish translation fix

## Version 5.5.0.4490 - 10/05/2023

### Enhancements:

- WeScan - Scan to mail : email customisation improvement
- Watchdoc : Canon spools transformation using HP driver

### Errors corrections:

- WSC : location field hidden after 5.5 update
- WES KM : WES Accounting errors
- WES LEXMARK : uninstall report an error if WeScan is not properly uninstalled
- WEScan KM : White page removal error on printer c450i
- WESLexmark : usage of numeric keyboard on SDK7 printers

## Version 5.5.0.4470 - 14/04/2023

### Enhancements:

- WES - KYOCERA : WES v2 configuration in the interface
- WES - KYOCERA : Modification of configuration to include the appropriate master serveur
- WES - HP : new ScanToFolder feature
- WES - XEROX : Compatibility with third generation browser
- Database : end of MySQL support

### Errors corrections:

- Fix XSS in page statistics export
- WES assignment not possible on queue via "Queue administration" access rights

## Version 5.5.0.4442 - 14/03/2023

### Enhancements:

- WES - KYOCERA : Tooling de déploiement industrialisé

### Errors corrections:

- WES profile creation blocked by demonstration licence
- Billing code not allowed with analytic code set in dictionnary
- WesInstallClient : no error log on port 5754
- Watchdoc Print Client for Android : unable to set finishing options
- WES KM : error at connection and startup of pullprint application
- WES KYOCERA : problem in WES + Scancare deployment

## Version 5.5.0.4436 - 27/02/2023

### Enhancements:

- Supervision - user experience review : new field comments on print queues
- Supervision - queue creation : add choice of protocol
- WEScan - SacnToFolder : new default configuration, \$home/\$user\_name replaced by \$home

### Errors corrections:

- WES Lexmark : problem with banner and multiserver handling

## Version 5.5.0.4408 - 24/01/2023

### Enhancements:

- Supervision - user experience review : direct access to details and errors
- WES : validation of new Lexmark MFPs

### Errors corrections:

- WES Kyocera : bug during standby exit
- WES Kyocera : error during WES activation
- Supervision : Apply Xerox Config
- Watchdoc : bug with big spool files (more than 2Go)

## Version 5.5.0.4373 - 20/12/2022

### Enhancements:

- Watchdoc - Administration : location management improvement (ex geosite)
- Supervision - Template creation : user experience review
- WES : usage of META dictionary by default

### Errors corrections:

- Supervision - PRINTUI : bug during .dat file upload
- Supervision - Scan Network For Printers : All toggle mouseover bug
- Supervision : Apply Xerox Config
- WEScan Lexmark : bug during settings recovery while creating a new profile
- WEScan KM: problem with inherited profiles while profile modification

## Version 5.5.0.4361 - 13/12/2022

### Enhancements:

- Watchdoc - statistics replication : customizable connection timeout
- WES HP : resize of authentication screens
- Watchdoc - Administration : add alert on web certificate expiration

### Errors corrections:

- WES KM : fix on scan profiles
- Watchdoc : unknown scanned document name (scan to url)
- Watchdoc - administration : bad sql account in statistics page

## Version 5.5.0.4346 - 28/11/2022

### Enhancements:

- Watchdoc - Administration : possibility to disable the delete button of the "Universal.global" file
- WSC - Plug and Print : Ability to create a universal file when creating the first driver
- WSC - Plug and Print : added a graphical cursor when creating a driver
- WSC : possibility to not display the version before authentication.

### Errors corrections:

- WES Lexmark : fixed the bug that made it impossible to access the "My Prints" function on the Lexmark SDK3 application

- Watchdoc Client for Windows : fixed the bug increasing the CPU and memory activity of the client (causing saturation)
- Watchdoc: fixed bug creating queues on other servers after inter-server use
- WEScan Konica-Minolta : fixed default scanning profiles in error
- WES Toshiba : fixed the bug that made the WES not take the whole surface of the physical screen
- Watchdoc : fixed the bug that prevented the recording of a "Print Code".
- WES Hewlett-Packard : unblockatlogin - fixed bug releasing all pending documents when passing a badge

## Version 5.5.0.4331 - 14/11/2022

### Enhancement :

- WSC - Plug and Print : improved operation administration

### Errors corrections:

- Fixed the bug that blocked the change of destination queue
- Transfer of a file with WES XEROX between two Watchdoc servers
- Correction of the redirection on the login page in case of invalid licence
- Inter-server printing: cluster test from the admin interface
- Print code register unavailable
- WSC - Plug and Print : redirection error to Watchdoc queue

## Version 5.5.0.4317 - 03/11/2022

### Enhancements:

- Notification of obsolete Internet Explorer versions
- Improved tag administration
- WES Canon -support of quotas
- WSC - Plug and Print: improved driver administration in the Driverstore and tracking of queue operations
- Watchdoc Client for Chrome - Chrome Extension - support for the Chrome extension Manifest V3
- WCM - Watchdoc Certificates Manager - ability to customize Alternate Subject Names during automatic certificate creation via script
- WSC - improved security (TLS 1.2 protocol selected by default)

### Errors corrections:

- WSC: missing attachment in the consumables notification email
- WesScan: correction of inconsistent message displayed
- WesScan: scan not sent in case of session timeout
- WesScan: problem saving scan profiles
- WSC -Plug and Print: Create a file template > Group should be "File network" by default
- WES: correction of WES profile selection
- WES Kyocera: accounting by WES was not working
- WES Konica Minolta: problem of refreshing list of pending documents after printing

## Version 5.5.0.4303 - 13/10/2022

### Enhancements:

- Lexmark WES: Improved the installation process of the print-on-demand application.
- Kyocera Certification: added authentication via WES and scanning function

### Errors Corrections:

- fixed the bug that was overwriting the const.asp file when updating
- PostgreSQL : fixed the spinner and regression problem (v9.4) with regression v9.4
- WES Sharp : correction of the session interruption (Timeout Session)
- Fixed blocking during server restart preventing synchronisation between master and other Watchdoc servers.
- Correction of the button "Reload translations" which was downloading a certificate
- PnP: when creating print devices, the checkbox "Shared file" is checked by default according to its model
- PnP: when creating print devices, the default value of the group inherits the value of the template

## Version 5.5.0.4277 - 19/09/2022

### Enhancements:

- Update of Watchdoc Client (WUP) for Chrome (Evolution of the Google v2 language towards v3 )
- WES Sharp : validation of the OSA v6 support
- WES v3 proposed by default when creating a WES profile
- PNP: geosite research when creating a printing queue
- PNP: if there is no eligible geosite when creating a queue, it's possible to access the geosite creation interface
- Watchdoc administration: display of the disk space used by the spools and scans
- PNP: definition of the scans settings for Xerox printing queues (via Common config XML)

### Errors corrections:

- PNP: alert message for Geosites selection under Firefox
- PNP: error message when the Master server is off
- Fix of the Supervision console errors

## Version 5.5.0.4275 - 15/09/2022

### New features:

- Remove PrintClient: Deploy Multiple Virtual Queues
- WEScan: Update-Resistant Profile
- WES Kyocera 3.0: Quota Management
- WEScan: Add Scan to MyWeb Destination (URL)

### Enhancements:

- Documentation: online on doc.doxense
- Watchdoc: optimization of log file compression
- Watchdoc: management of alphanumeric analytical codes
- Watchdoc : management of Watchdoc servers on different time zones
- Watchdoc: Master / other Watchdoc servers performance optimization
- Watchdoc: ability to hide the connection field in maintenance mode
- Watchdoc: possibility to configure SSPI auth to SQL Server more easily from web admin
- WES: improvement of the installation procedure
- WES Canon: implementation of NiR1 + Certification v2.3
- WES Xerox: securing log files
- WEScan Xerox: scan on glass with pdf collation
- WSC: PnP improvement of the automatic server choice
- WSC: PnP mass creation with CSV file

**Errors corrections:**

- WES Xerox : corrections on the German version
- WES Xerox : corrections on MFP settings after activation/deactivation
- WES Kyocera : correction of icons customization and optimizations
- Watchdoc : correction of the export of balance sheets in Russian version
- Watchdoc : correction of the export of counters on an interval higher than one month
- Watchdoc : security fixes
- Watchdoc : patch on mass deployment
- WEScan Lexmark : fix on Scan to Me destination
- WSC : ergonomic corrections of the PnP interface
- Lexmark : SNMP alert management on the adf kit
- Brother : corrected the monitoring of the accounting
- Watchdoc : fix on interserver printing on remote site in low speed network

**Deletion :**

- WESPhone WebApp: removal



---

## Watchdoc and WSC 5.4.1.3967 - .NET 4.7.2 - 15/11/2021

**Enhancements:**

- Watchdoc Supervision Console: PnP - Ability to create print queues with the same name on different servers
- Watchdoc Supervision Console: PnP - Add different WES profiles for creating print queues

**Errors correction:**

- Watchdoc: Fix of the monochrome MFPs in order to make them scan in color
- Watchdoc : Fix of the SNMP feedback from Russian MFPs in the status page of a print queue
- WEScan : Fix of the file separation for scans exceeding the maximum size
- WES Brother : Fix of alias management for long account names
- WES Brother : Fix of accounting feedback

## Watchdoc and WSC 5.4.1.3934 - .NET 4.7.2 - 11/10/2021

### New features

- Kyocera WES: add of the V3

### Enhancements:

- WES Hewlett-Packard V2: enhancement of the russian translations

### Errors correction:

- Watchdoc: fix of the PDF creation in the physical queues statistics
- Konica Minolta WES: fix of the analytical codes feedbacks for copies and scans
- Supervision: PnP - fix of the details in the printers list
- Supervision : Pnp - fix of the printers queues creation outside of Watchdoc

## Watchdoc and WSC 5.4.1.3875 - .NET 4.7.2 - 11/08/2021

### Errors corrections:

- WES Xerox: Fix of the WES accounting
- Watchdoc: Fix of the spool transformation proposal (colour towards black&white)
- Watchdoc: Fix of the Express version installation in English
- Watchdoc for Konica Minolta : change of the icons (off by default)
- Supervision Consol (PNP): fix of the russian translations
- Supervision Consol: (Express installation): fix of the statistical database

## Watchdoc and WSC 5.4.1.3846 - .NET 4.7.2 - 13/07/2021

### Enhancements:

- Watchdoc: add and enhancements of russian translations
- WES Brother: support of users accounts longer than 15 characters

### Errors corrections:

- WES Lexmark: fix of the spool transformation de spool (double-sided short and long edges)
- WES Hewlett-Packard: fix of the applications locking for the connected users
- WES Konica-Minolta: fix of the billing codes usage
- Console de Supervision - PnP: fix of the bulk import
- Watchdoc: fix of the statistics generation
- WEScan: fix of the loss of scan destinations at service start-up

## Watchdoc and WSC 5.4.1.3773 - .NET 4.7.2 - 04/05/2021

### New features:

- Watchdoc: add of the Watchdoc Universal Print (WUP)
- Watchdoc: add or the "Universal" printing queue for the PDF printing

- Watchdoc: add of a PDF document parser
- WEScan: add of a WEScan simulator
- Watchdoc: encryption of sensitive data (scans and spools)

**Enhancements:**

- WES Sharp: Luna models support
- WES Hewlett Packard: add of the interserver feature
- WES Lexmark: fix of the installation message for the pull print

**Errors corrections:**

- WEScan: fix of the profiles translation
- Watchdoc: fix of the geosites creation
- Watchdoc: fix of the geosites creation in master/slave configuration



---

## Watchdoc and WSC 15/11/2021 - The 5.3.0.3955 version

**Improves or fixes the following points:**

- Watchdoc : Fix of the monochrome MFPs in order to make them scan in color
- Watchdoc : Fix of the SNMP feedback from Russian MFPs in the status page of a print queue
- WES Brother : Fix of alias management for long account names
- WES Brother : Fix of accounting feedback

## Watchdoc and WSC 11/10/2021 - The 5.3.0.3932 version

**Improves or fixes the following points:**

- Watchdoc: Fix of the PDF generation in the physical queues statistics

## Watchdoc and WSC 11/08/2021 - The 5.3.0.3875 version

**Improves or fixes the following points:**

- WES Xerox: Fix of the WES accounting
- Watchdoc: Fix of the spool transformation proposal (colour towards black&white)
- Watchdoc: Fix of the Express version installation in English
- Watchdoc for Konica Minolta : change of the icons (off by default)
- Supervision Consol: (Express installation): fix of the statistical database

## Watchdoc and WSC 13/07/2021 - The 5.3.0.3847 version

**Improves or fixes the following points:**

- WES Hewlett Packard: fix of the applications locking for the connected users
- WES Sharp: support of the "Job scan to HTTP"

## **Watchdoc and WSC 04/05/2021 - The 5.3.0.3750 version**

### **Improves or fixes the following points:**

- WES KM: support for 4E versions
- Watchdoc: add of the expedition server name for the mails

## **Watchdoc and WSC 18/03/2021 - The 5.3.0.3727 version**

### **Improves or fixes the following points:**

- Watchdoc: fix of the printing queues monitoring after a Windows spooler crash.

## **Watchdoc and WSC 09/02/2021 - The 5.3.0.3689 version**

### **Improves or fixes the following points:**

- Watchdoc: fix of the two-sided printing management
- Watchdoc: add of the global A4/A3 counters on Hewlett-Packard devices
- Watchdoc: fix of the exports reports with billing codes
- Watchdoc: fix of the statistics PDF reports on the savings
- WES Kyocera V2: add of the WES accounting

## **Watchdoc and WSC 27/11/2020 - The 5.3.0.3618 version**

### **Improves or fixes the following points:**

- WES Epson: improvement of the selfreg on WES V2
- WES HP: improvement of the cards authentication when authentication page is open
- WES KM: support of the "Develop" devices
- WES KM: deactivation of animations for the 8 series
- WES KM: installation of icons "Copy" and "Doxense" only when installing the WES
- WES KM: no redirection towards preview when there is only one document that does not support preview
- WES KM: usage of the SSL to personnalize the device's screen
- Watchdoc: improvement of the statistics and reports export

## **Watchdoc and WSC 5.3.0.3521 version**

### **Improves or fixes the following points:**

- Watchdoc Print Client : corrections de traductions

## Watchdoc and WSC 12/08/2020 version

### Improves or fixes the following points:

- Watchdoc: detail about the deletions in statistics page
- Watchdoc: improvement of the advanced configuration form (inter-server section)
- Watchdoc: configuring the sending of spools by the custom spooler in the print queues
- SNMP Walker: improvement of the search if a device responds more than once.

## Watchdoc and WSC 5.3.0.3451 version

### Improves or fixes the following points:

- Watchdoc: "Chargeback codes" become "analytical codes."
- Watchdoc: fix of the search by brand and vendor in the Printers and Devices page
- Watchdoc: fix of the display of document sizes in the statistics
- Watchdoc: fix of the filtering of the page "Printers and Devices"
- Watchdoc: add of an help for the selection of a custom logo
- Watchdoc: fix of the display of the MAC address on some machines
- Watchdoc: fix of the keyboard authentication parameter setting forcing the choice of a minimal authentication mode
- Supervision: uniformity of wording regarding profiles

## Watchdoc and WSC 5.3.0.3420 version

### Improves or fixes the following points:

- Watchdoc: fix of the print-job preview display
- Watchdoc: fix of the display of the documents number per user in directories
- Watchdoc: optimization of the LDAP directories settings
- Watchdoc: naming of the WES "instances" that becomes WES "profiles"
- Watchdoc: add of spanish translations
- Watchdoc: add of an error message on the customer site when is disabled
- Watchdoc: fix of the tooltips display on the quotas pages
- Watchdoc: optimization of the "price group" setting that is now "set" by default
- Watchdoc: fix of the "Cap Service" printing via the virtual queue
- Watchdoc: fix of the error message in the network queues group price edition
- WES Ricoh: Access Tokens updated (expiration date: 12/06/2022)

## Watchdoc and WSC 5.3.0.3380 version

### Improves or fixes the following points:

- Watchdoc: fix on the search by user in the reports page
- Watchdoc: fix of the exports in the reports page
- Watchdoc: fix or the configuration of double quotas

- Watchdoc: fix of the breakdown of payments with double quotas
- WesPhone: fix of the error messages
- WES Ricoh: configuration to deactivate the accounting mode
- WES Ricoh: stabilization of authentication

## Watchdoc and WSC 5.3.0.3345 version

### Improves or fixes the following points:

- OEM: support for OEM Doxense products
- Watchdoc: Fix of the PUK code generation
- Watchdoc: Fix of the formats for new cards association
- Watchdoc: Fix of the duplex transformation of the documents
- Watchdoc: add of the users profiles from the HP WES profile
- Watchdoc: simplification of the configuration when installing Watchdoc
- Supervision: Fix of the REST API configuration
- Supervision: change of the guests PUK codes (from 7 to 9 digits)
- WesPhone: Fix of some stability issues
- Global: adding bulgarian language
- Global: Fix of some translations
- Lexmark WES: support or the using rights for connected users
- WCLI: Fix on the CREATESLAVE command

## Watchdoc and WSC 5.3.0.3295 version

### Improves or fixes the following points:

- Watchdoc: add of KM devices pictures
- Watchdoc: logs zip
- Watchdoc: Fix of the statistics replication (under specific conditions)
- Watchdoc: Fix of the master/slave on groups replication
- Watchdoc: Management of the WesPhone licenses from the groups and printing queues settings
- Watchdoc/WES: Fix of the previews generation options
- Watchdoc: Fix of the database selection
- Watchdoc: Fix or the printing queues redirection when updating from V.5.2 to V5.3
- Watchdoc: Add of new WES profiles for new installations
- Watchdoc: Fix of the access to statistics by role
- Watchdoc: Optimization of the management events of an external print queue
- Supervision Console: Fix of the SSL installation SSL and link generation
- Supervision Console: Security of the cards creation (to avoid duplicates)
- WesPhone: Fix of the display (half screen) on some mobiles phones
- WesPhone: Fix of events on management of associated printing queues
- WES: Fix of the "Print All" option when login
- WES HP: Fix of monochrome conversion
- GDPR/Anonymization: Possibility to apply the "right of erasure" in mass treatment
- WCLI: Possibility to delete the link to a slave without restarting the service.

## Watchdoc and WSC 5.3.0.3253 version

### Improves or fixes the following points:

- WesPhone: Administration of QR code association for devices
- WesPhone: WesPhone simulator
- WesPhone: QR code scan stability improvement
- Watchdoc: Add russian translation
- Watchdoc: Fix documents printing unlock at user login with follow-me interserver
- Watchdoc: Fix OKI licence accounting
- WES HP V2: Fix display for small screens
- WES Xerox: C90XX support
- WES Espon: Fix simple document display
- WES V3: Fix pagination events

## Watchdoc and WSC 5.3.0.3225 version

### Improves or fixes the following points:

- WesPhone on iPhone: fix of the access to the application via home screen shortcut
- WesPhone: add of a mode allowing to use the application without a camera
- Watchdoc: fix of a months display issue
- Watchdoc: fix of the latency problèmes due to a lot of local print queues
- WES Ricoh: add of a pagination in the documents to be released list
- WES : fix of the page cutting available with enabled spool transformation

## Watchdoc and WSC 5.3.0.3217 version

### Improves or fixes the following points:

- Supervision: Fix security
- Watchdoc: Fix pending document page
- Watchdoc: Fix deletion of pending documents under Internet Explorer
- Watchdoc: Stabilisation of statistics generation in PDF format
- Watchdoc: Stabilisation of ProxyQueue handling (interserver Follow-me)
- Watchdoc: Fix document counter on the "My Account" page
- Watchdoc: Fix archiving of the documentation mass
- Watchdoc: End of support for Internet Explorer 9 and above
- Watchdoc: Fix display of consumable colors from the information of a print queue
- Watchdoc: Fix popup for the page
- Watchdoc: Extraction of the CSV file for the QR code generation
- Watchdoc: Rearranging of the directory configuration
- Watchdoc: Optimization of queues start/stop with pending documents (interserver printing)
- Updater: Fix informative license message for the switch from 5.2 to 5.3
- WesPhone: Resolution of the camera access for Safari iOS
- WesPhone: Support of the spool transformation
- WesPhone: Removal of the popups for the modification confirmation
- WesPhone: Management of the unavailable queues

- WesPhone: Fix document preview
- WesPhone: Possibility of exploitation from the Master server
- WesPhone: Better support of expected errors
- WesPhone: Better support of rules
- WesPhone: Optimization of document image loadings
- WesPhone: Fix display of spool transformations after modification application
- WesPhone: Better management of timeout logout
- WesPhone: Creation of a WesPhone simulator
- WCLI: Fix group creations under specific conditions
- WES Lexmark: Better management of installation steps
- WES Lexmark: Fix print-job release on SDK3 devices
- WES Canon: Fix installation process
- WES Canon: Fix personalized images
- WES Kyocera: Fix authentication
- Wes Toshiba: Fix Toshiba / Lexmark license count
- WES HP: Fix installation process when changing from WES V2 type to V3

## Watchdoc and WSC 5.3.0.3182 version

### Includes the following new features:

- Report Communicator;
- Savings Calculator;
- WESphone



---

## Watchdoc 5.2

### Watchdoc and WSC 27/07/2020 - Version 5.2.0.3493

#### Improves or fixes the following points:

Watchdoc: configuration of the timeout to send spools with the custom spooler in the printing queues

### Watchdoc and WSC 24/06/2020 - Version 5.2.0.3461

#### Improves or fixes the following points:

- Watchdoc: fix of the keyboard authentication setting forcing the choice of a minimal authentication mode

### Watchdoc and WSC Version 5.2.0.3420

#### Improves or fixes the following points:

- Watchdoc: fix of the tooltip display on the quota page

## Watchdoc and WSC version 5.2.0.3414

### Improves or fixes the following points:

- Ricoh WES: update of the Access Tokens (expiration date: 12/06/2022)

## Watchdoc and WSC Version 5.2.0.3406

### Improves or fixes the following points:

- Watchdoc: fix of the payments breakdown with double quotas
- Watchdoc: fix of the double quotas configuration
- Watchdoc: fix of the print-jobs preview setting
- Watchdoc: improvement of the preview by user in directories
- Watchdoc / WES: fix of the costs and prices display

## Watchdoc and WSC version 5.2.0.3296

### Improves or fixes the following points:

- WES: Fix of the Print all option when logging in
- Epson V3 WES: fix of the display for single print-job
- Watchdoc: add of pictures for Konica Minolta print devices
- Watchdoc: fix of the statistics replication under specific conditions.

## Watchdoc and WSC Version 5.2.0.3240

### Improves or fixes the following points:

- Watchdoc: update of the russian translations
- WES Toshiba: improvement of the security of the communications between WES and the Watchdoc server
- WES Lexmark: improvement of the security of the communications between WES and the Watchdoc server
- WCLI: exclusion management of virtual print queues

## Watchdoc and WSC Version 5.2.0.3225

### Improves or fixes the following points:

- Watchdoc: Rearrangement of the directories configuration
- Watchdoc: Improvement of the documents to be released page
- Watchdoc: Fix latency issues due to a lot of local print queues
- WES Toshiba: Fix accounting of the Toshiba licenses
- WES Lexmark: Fix accounting of the Lexmark licenses
- WES Ricoh: Adding a pagging system in the documents to be released list

## Watchdoc and WSC Version 5.2.0.3205

### Improves or fixes the following points:

- Watchdoc : Fix ProxyQueues support
- Watchdoc : Button for edition of group replicated from a slave removed
- Watchdoc : Fix display of print jobs waiting for a queue
- Watchdoc : Fix deletion of pending documents under Internet Explorer
- Watchdoc : Fix generation of statistics report as PDF files
- Watchdoc : Fix popup
- WES Kyocera : Fix authentication
- Supervision : Fix security

## Watchdoc and WSC Version 5.2.0.3169

### Improves or fixes the following points:

- Watchdoc : Printing authentication through SSO (WatchdocSSOAgent)
- Watchdoc : WES V3 Canon installation
- Watchdoc : Master/Slave printing job pools replication
- WES Sharp : Interserver printing support
- Supervision : Add search filters by printing queue name

## Watchdoc and WSC Version 5.2.0.3113

### Improves or fixes the following points:

- Supervision : Customizable generation of PUK Codes for guest account
- Watchdoc : Possibility to force the usage of custom spooler for all the documents of a queue or a group
- Watchdoc : Forced spool transformation with rules is directly applied to the document rather than at the document unlock
- Watchdoc : Fix statistics page stability
- WES Brother : Interserver printing support
- WES Lexmark OEM : OEM Lexmark devices support
- WES Lexmark : WES Accounting activation

## Watchdoc and WSC Version 5.2.0.3090

### Improves or fixes the following points:

- Watchdoc : Master/Slave synchronisation of ACL profiles
- Watchdoc : Fix configuration for statistics database data transfert
- Watchdoc : Fix filters for Printing history and Reports pages
- Watchdoc : Fix page validation during a user's lost web session
- Watchdoc : Fix credit management for user quotas under specific conditions
- Watchdoc : Fix statistics that could be divided by 0
- Watchdoc : Deactivation of title encryption for jobs on hold for the group "Virtual queues"
- Watchdoc : Fix spools dump activation interface after spool transformation activation
- Watchdoc : Fix IE8 performances under Windows Server 2008R2
- WES KM : Support of I models (C4000i, C250i, C4050i, ...)
- Ricoh / Brother : Better duplex spool transformation management
- Supervision : Fix pagination under specific conditions

- Supervision : Fix cards import on FullNamen Label and SelfReg data
- Supervision : Fix configuration of Uri REST port
- WCLI : Fix queues export

## Watchdoc and WSC Version 5.2.0.3041

### Improves or fixes the following points:

- Watchdoc : Starting of servers more efficient with huge number of printing queues
- Watchdoc : Better Adobe InDesign file management
- Watchdoc : Fix ACL synchronisation for groups
- Watchdoc : Fix print transfert on virtual queues
- Admin : New presentation of web site version and watchdoc server version
- WES : Fix usage of price for forced spools transformations
- WES Sharp : Activation of authentication for OSA 5.5 devices
- Admin : Better detection for modifications that requires a server reboot
- Supervision : Activation/Deactivation of SSL3
- Supervision : Fix communication between Watchdoc and the supervision console when TLS 1.0 is activated
- WES Ricoh : Fix WES Accounting management
- WES Toshiba : New feature - Interserver printing
- WES Toshiba : Fix display for devices unlockable only by cards
- Watchdoc : Fix russian translation
- WES KM : Fix authorisation access for Print By USB

## Watchdoc and WSC Version 5.2.0.3015

### Improves or fixes the following points:

- Watchdoc : New management features for Job Pool / Groups
- Watchdoc : Wording rearrangement "PMV" become "Quotas Model"
- Watchdoc : Improvement of PDF files recognition
- Watchdoc : Clic on Watchdoc logo brings back to the main menu
- Watchdoc : Fix paper level data on Brother
- WCLI : CHANGEPASSWORDENCRYPTION replicates password changes on every slaves
- WCLI : DELETEQUEUEBYIDFROMFILE deletes printing queues depending on their Id
- WES Lexmark : Fix picture customization
- WES HP : Fix for permissions
- WES OpenPlatform : Fix on zoom page

## Watchdoc and WSC Version 5.2.0.2986

### Improves or fixes the following points:

- Watchdoc : UI modification on printing queues / queues groups and pools
- Watchdoc : Minor graphic fixes
- Watchdoc : Fix date filters
- Watchdoc : Fix billing codes for SQLite database

- Watchdoc : Add VIP feature on printing queues
- Watchdoc Interserver : Stop sending XPS jobs
- Watchdoc : Fix counters on statistics / graphs
- Watchdoc : "Client popups" configuration removed
- WES : Fix zoom and edition modes
- WES V3 : Modification of popup size for non printables jobs
- WES V3 : Minor graphic fixes
- WES V3 : Fix "Refresh" button under specific conditions
- WES Sharp V3 : Fix missing domain name from printed jobs
- WES OpenPlatform : Spool transformation enabled
- WES Xerox V3 : Fix Disconnect button
- WES Xerox : Jobs cutting option enabled
- GDPR : Add tool for data anonymity
- SQL Server : End of redistribution of SQL Server 2014
- Modification for prerequisite : .NET Framework 4.7.2

## Watchdoc and WSC Version 5.2.0.2944

### Improves or fixes the following points:

- Security improvements
- WCLI : Add manual synchronisation for quota
- WES Xerox : Versalink 7020 supported
- Spool Transformation : simplification of transformation choices
- WES HP V3 : Fix lock and login screen
- WES / Admin : new translation for italian
- WES new translation for spanish
- Fix translation english, german and spanish
- Fix save of printing queues edition
- Fix statistics page display



---

## Watchdoc 5.1

### Watchdoc and WSC Version 5.1.1.3141

#### Improves or fixes the following points:

- WCLI : Improvement for SYNC command on /slave
- Watchdoc : Fix filter or role edition from a PMV screen
- Supervision : Fix Cards importation from a file that didn't have the whole columns
- Supervision : Fix corrupted export if the Comments field contains CRLF
- Supervision : Add PUK codes for guest account
- WES : Fix details page for unsupported jobs

### Watchdoc and WSC Version 5.1.1.3048

#### Improves or fixes the following points:

- Watchdoc : Fix paper level data on Brother
- WCLI : CHANGEPASSWORDENCRYPTION replicates password changes on every slaves
- WCLI : DELETEQUEUEBYIDFROMFILE deletes printing queues depending on their Id
- WES Lexmark : Fix picture customization
- WES HP : Fix for permissions
- WES : Use the correct prices for forced transformed files
- Admin : New presentation of web site version and watchdoc server version
- Supervision : Activation/Deactivation of SSL3
- Supervision : Fix communication between Watchdoc and the supervision console when TLS 1.0 is activated
- WES KM : Support of range I products

## Watchdoc and WSC Version 5.1.1.2982

### Improves or fixes the following points:

- Supervision : SSL port management fix
- Supervision : Option for Massive importation without checking identity of users for cards
- Supervision : Add Russian translation
- Watchdoc : Security fix
- Watchdoc : Automatical exclusion of Watchdoc service in Windows Defender
- Watchdoc : "Print all" button removed from pending jobs on a virtual queue
- Watchdoc : SSL for telemetry activated by default
- WES OKI V2 : Fix delete action on zoom page
- WES V3 : Automatical selection of a unique billing code
- WES V3 : Add Italian translation
- WES : Fix card authentication (if the user is in Cards but not in the ActiveDirectory)
- WES KM V3 : UI fix
- WES Sharp V3 : Security fix
- WES HP V2 : Various fixes
- WES KM : Fix of billing codes selection after an authentication with card
- Fix translation
- WES XEROX : Usage of Office365 mail send for ScanToMail option
- WCLI : Security fix
- Fix Xerox

## Watchdoc and WSC Version 5.1.1.2867

### Improves or fixes the following points:

- Supervision console - Cards and guests management through CSV files (cf. How to? documents)
- Fix uninstall for Lexmark SDK4 WES
- Fix password encryption for Lexmark/Ricoh
- Best management of SNMP encoding
- Fix Lexmark SDK2 (locked devices with special characters)

- Stable (see previous 5.1.0 changelog for more data)
- Fix traduction, add Russian language
- Fix on setup files
- WES Toshiba V3 : interface fixes, stability improvement for login, activation of spooling transformation
- WES Toshiba V2 : interface fixes
- WES HP : add management of HP card readers
- WES HP V3 : interface fix, activation of spooling transformation
- WES Lexmark V3 : interface fixes, access fixes on SDK6, fusion WES SDK4/6
- WES Canon : Fix authentication
- WES Epson : interface fixes, better communication between server and printer
- WES KM V3 : billing codes management, interface fixes
- WES Kyocera : fix session management
- WES Ricoh : Fix data loading from device during installation, better device management
- WES Xerox : Support Altalink/Versalink, fix login messages, disconnect button, new screen size management
- Watchdoc : Fix edition of WES profiles from a slave server
- Watchdoc : Fix device list
- Watchdoc : Ajout de nouveaux profils WES
- Watchdoc : Improvement for the statistics and generation of PDF
- Watchdoc : SSL activated by default on installation
- Watchdoc : Add support of SQLite and PostgreSQL databases for the migration tools
- Watchdoc : New language management
- Watchdoc : Security fixes
- Watchdoc : Fix issue with the Windows update package KB4338819
- Tools : SNMPWalker : Add and update manufacturer logos
- Tools : WCLI : Fix on the devices names

## Watchdoc and WSC Version 5.1.0.2673

### Improves or fixes the following points:

- WES : All : MFP credentials configured on a queue could be corrupted when the queue configuration was updated.
- WES : Brother : fixed issues regarding authentication with PUK code.
- WES : KM : increased the reliability of the WES accounting feature, extra traces were added.
- WES : KM : internal improvements related to the deployment of the web version.
- WES : KM : several display fixes related to the WES V3 (web).
- WES : Kyocera : fixes regarding the device default admin password.
- WES : Oki : communications with the MFP are improved.
- WES : Sharp : fixed an issue regarding unlimited quota.
- WES : Xerox : if the 'use default device credentials' was activated on the WES profile, the queue's credentials were ignored.
- WES : Xerox : fixed the display on first generation Xerox browsers.
- WES : config : default WES profiles weren't automatically created by the wizard anymore.

- WES : config : trying to edit an event on a slave incorrectly forwarded to the master's configuration page.
- WES : config : removed the obsolete tags "price-prec" et "cost-prec" that only were used on very old versions, since replaced by 'price-precision' and 'cost-precision'.
- Watchdoc : notifications : added traces to troubleshoot cases where notifications aren't sent.
- Watchdoc : web : 1994 Xerox logo was updated with 2008's version.
- Watchdoc : agent local : in some cases, job logs weren't properly synchronized.
- Watchdoc : service : better heuristic to detect the 'squared copies' case.
- Watchdoc : web : the "generate pdf" button from the statistics page was disabled by default.
- Tools : Languagetest : a non-blocking error was displayed on startup of the tool.
- Tools : WesRicoHDeployer : internal improvements.
- Tools : Websiteconfig : graphic look has been updated.
- Tools : Websiteconfig : 'Add new' button is now active without having to select an existing entry.
- Tools : WatchdocDiagTool : zip creation could fail if the WES traces folder was missing.
- Tools : WCLI : EXPORT used for WRS stopped without exporting assets.
- Tools : WCM : now supports .P12 and .PFX certificates with IMPORT --P12
- Setup : script : IIS install Powershell script is faster and now supports Windows Server 2016.
- Watchdoc : SQL : the SQL script to update to V5.1 has been improved.

## Watchdoc and WSC Version 5.1.0.2537

Improves or fixes the following points:

- Watchdoc : stability : in a exotic case, Watchdoc could stay idle, looking partially frozen, log traces indicated : "ThreadPool exhausted".
- Watchdoc : web : pricings are now alphabetically ordered.
- WES : Canon : the 'configure' button is now always displayed.
- Language : de-DE : translation fixes, added german support in billing codes and WES v3
- Language : fr-FR, en-\* : terminology fixes related to the print spooler.
- Tools : WCM : disabled the RELOAD command, waiting to be implemented.

## Watchdoc and WSC Version 5.1.0.2519

Improves or fixes the following points:

- Language : en-US : minor corrections.
- Language : pt-PT : minor corrections..
- Language : de-DE : translations added.
- WES : Sharp : various visual additions
- WES : Sharp : portugese translation added.
- WES : HP : better screen size management.
- WES : HP : credentials were not always correctly retrieved.
- WES : Xerox : better billing code support on 10" Altalink

- Watchdoc : parser : added an heuristic that ignores the last odd page in a duplex job generated by an OKI PCL5 driver.
- Watchdoc : format field : added the following read code format instructions : trim(), trimleft(), trimright(), remove(), removeleft(), removeright(), upper(), lower().
- Watchdoc : Master-Slave : fixed a recurrent issue in the traces related to a ping from a slave to its master.
- Watchdoc : Master-Slave : better reconnection attempts between master and slaves.
- Watchdoc : Master-Slave : it's now possible to declare WES profiles as a global resource.
- Watchdoc : login+pin : some users had an extra digit in the pin code.
- Watchdoc : CSR (Client Side Rendering) is now forced on the print queue when spool transformation is active.
- Watchdoc : device list : the port type wasn't properly recognized anymore, displayed a '?' instead.
- Watchdoc : All passwords can now be encrypted in the configuration file, and no password will be transmitted in plain
- Watchdoc : Fixed some false positives about IP vs FQDN devices mismatch.
- Watchdoc : If 'SpoolerPriority' is found in registry key 'KLM/System\CurrentControlSet\Control\Print', a FATAL error is now generated. This is due to an ancient Microsoft bug generating 'notification overflow' spooler messages, preventing Watchdoc from clearing deleted spools from memory.
- Watchdoc : fixed a case where a WES install could generate a popup displaying an error message with non-displayable characters
- Watchdoc : Spool transformation : the status is now determined from the physical queue instead of the virtual queue.
- SQL : The first versions of the SQL migration request contained some issues. In addition, the performances are now greatly increased.
- Tools : WCLI EXPORT can now handle FIL agents containing single quotes in their names
- Tools : QueueCreationTool : all WES vendors are now supported
- Tools : WCM : fix regarding the 'quiet' option

## Watchdoc and WSC Version 5.1.0.2404

### Improves or fixes the following points:

- Language : ru-RU : added russian interface for user interfaces (My Account, WES, notifications).
- Language : en-US : fixed minor grammar and translation errors.
- Language : fr-FR : fixed minor grammar errors.
- Language : zh-CN : fixed minor translation errors.
- Language : better HP-Roman-8 support.
- Watchdoc : Roles, authorization access and security profiles are now correctly evaluated when defined on (DEFAULT), (ANY), META or and LDAP directory
- Watchdoc : WES : Watchdoc now uses strong cryptographic protocols (TLS 1.0/1.1/1.2) by default. This follows vendors announcement to abandon SSLv3 and TLS 1.0

- Watchdoc : SNMP : Now ignores SNMP alerts regarding interferences generated from UDP broadcasts from third party software on port 54915 ((Logitech ARX)
- Watchdoc : Master-Slave : in DEBUG mode, an harmless error was periodically displayed in the slave's traces.
- SQL : Fixed an issue with the SQL request to migrate to format 51.
- SQL : SQL migration script to 5.1 : rewritten, SQL 2008 minimum is required.
- SQL : SQL migration script to 5.1 : better performances. ~1m10s to process 4.5 millions records on a 7200 rpm hard drive.
- SpoolerWD : user was incorrectly displayed in Watchdoc spooler's pending jobs list.
- SpoolerWD : it's now possible to delete pending jobs from the Watchdoc's spooler
- PMV : There was a way to get more credits than what was paid on a card terminal.
- WES : HP : when authenticating with a card, the name that was displayed could be the previous user's when he didn't disconnect properly.
- WES : KM : SelfReg now supports login+PIN mode
- WES : KM : SelfReg with code didn't display the keyboard anymore.
- WES : Lexmark : adjusted buttons' display font.
- WES : Toshiba : Titlebar isn't displayed in the jobs list anymore.
- WES : Toshiba : documents title is now shorten to avoid line breaks.
- WES : Toshiba + Oki : various enhancements
- WES : Toshiba + Oki : an error message is now displayed when the device isn't able to print.
- WES : Xerox : screen size adjustments to remove scroll bars.
- WES : Xerox : fixed a case where 0 page jobs could show up when using WES accounting mode.
- WES : Xerox : better handling of false positive when checking IP vs FQDN address mismatches.
- WES : Prices weren't properly computed on some locations when currency was set in cents.
- Web : Better troubleshooting page (test.asp)
- Web : Some dropdown menus contained an empty entry whereas a non-empty value is mandatory.
- Logs : Various enhancements, such as queue ID being specified, exception types, translations in english.
- Logs : Reduced the quantity of traces when RPC spooler isn't available.
- Bilans : Some Reports filters were ignored.

## Watchdoc and WSC Version 5.1.0.2359

### Improves or fixes the following points:

- Watchdoc : fixed the computed cost of paper for duplex documents having an odd number of pages.
- Watchdoc : fixed a case that could reset the server maintenance while being executed.
- Devise : added support for the russian ruble

- Samsung : WES : update of certificates.
- SNMP : better handling of datetime decoding when datas are corrupted or invalid (Xerox and others).
- Spools : HP : batter handling of HPGL2-RTL for HP DesignJet 4000
- Statistiques : fixed the computing of the number of pages for multi-copy jobs. Please contact Doxense Support through Connect to get a SQL request fixing the database if you're already using a prior version of WD 5.1.
- Statistiques : the monitoring section is correctly displayed again.
- Statistiques : the statistics page is now exported in portrait mode.
- WES : Sharp : fixed an issue affecting the preview of a job pages.
- WES : Toshiba : button labels size has been adjusted.
- WES : Toshiba : the MFP power status is checked before the user is logged in.
- WES : Toshiba : increase of delays, timeouts, and number of retries to address the slower devices.
- WES : Xerox : fix regarding the number of color copies for 7225 devices.
- WES : Xerox : added support for 5" and 10" screens
- Tools : WCM : added support for rsa 4096 (--rsa4096)
- Tools : WCM : now displays the certificate details before the deletion confirmation.
- Tools : WCM : quit! allows to quit without saving.
- Tools : WCM : added quit and quit! aliases : :q and :q!



---

## Watchdoc 5.0

### Watchdoc and WSC Version 5.0.0.2328

#### Corrects or improves the following points:

- WES: KM, Lexmark (SDK234), OKI, Sharp, Toshiba: addition of a login authentication mode + configurable PIN code size (short possible).
- Web: display of PIN code on My Account page and on print release web instance.
- WES : KM : Job retrieval from print device logs is now done every 15 minutes maximum.
- WES : KM : WES (web) deployment is now blocked if the DSP is in SSL mode only.
- WES : KM : Corrected display of document details.
- WES : KM : Corrected display so that page count is no longer hidden.
- WES : Lexmark : WES : when installing in SDK5 mode, anonymous user rights are now removed.
- WES : Lexmark : improved management of partial rights for guest users.
- WES: Lexmark: ability to log in with administrator credentials.
- WES: Lexmark: WES can now be deployed on devices without scanners.
- WES: Lexmark: card reader management module now automatically deployed.
- WES : Xerox : improved JBA management for pre-authorization of copies and scans.

- WES : Xerox : improved management of file corruption scenarios in the event of disk or server crashes.
- WES: OKI: improved WES installation.
- WES : Ricoh : possibility of adding a minimum quota to open a session for free scans, for example, if the quota is exceeded.
- WES : Epson : improved accounting.
- WES : HP : it is now possible to authorize the choice of authentication mode (Watchdoc or peripheral).
- WES: HP: cosmetic improvements
- WES: German translations
- WES: Web: updated signature for cab file used for payment on unlock stations.
- WES : Kyocera, Lexmark : the serial number is now automatically filled in during installation.
- WES: Canon, Sharp: correction of the number of sheets calculated for a job.
- KM: detection of stapling and folding in Konica Minolta PJs.
- SNMP: HP, Kyocera, KM, Lexmark, Epson, Canon, Ricoh: add/correct OIDs.
- SNMP: Added protection against invalid dates during an SNMP walk.
- Epson: ESC/P-R support improved.
- Service: POSTGRES SQL support enhanced.
- Service: added support for POSTGRES SQL as a data replication target.
- Service: it is now possible to qualify a database as an aggregate database (Key Accounts).
- Service: error traces are no longer generated when Watchdoc creates a shadow file.
- Service: improved traces for certificates created in different timezones between master and slave.
- Service: Master-Slave

## Version 5.0.0.2189

### Corrects or improves the following points:

- Watchdoc: fixed sorting by column in reports
- Watchdoc: added support for AES to establish a Master-Slave link when FIPS mode is enabled on the slave side
- Watchdoc: the monitoring section of a queue's statistics for the current day was displaying a counter progress of 0 pages
- WES: Lexmark: WES accounting could be enabled
- WES: Lexmark: SDK5: support for authentication using a password only.
- WES : Lexmark : improved installation report.
- WES : Toshiba : better handling of the scenario where authentication information is incorrect.
- WES : Epson : correction of an anomaly affecting WES accounting.
- WES: HP: possibility of defining a login/password on a queue different from that in the WES instance
- WES: HP: correction of a bug affecting deployment of the WES
- WES: Brother: possibility of specifying the language
- WES: Sharp: in the event of unauthorized access to the MFP, the error message displayed was incorrect

- WES: KM/Lexmark/OpenPlatform: improved associations between devices and queue identifiers
- Tools: support directory: update of trusted root certificates (rootsupd.exe)

## Version 5.0.0.2169

### Corrects or improves the following points:

- WES: Elatec, Copicode: migrations from WD42 to V5 presented anomalies.
- WES : Kyocera, Oki : various improvements
- WES : Lexmark, Toshiba : Portuguese language added.
- WES Brother : jobs waiting in the virtual queue were not always displayed.
- WES Brother : the URLs required for deployment can be copied from the installation report
- WES Cartax : improved document release workflow
- WES KM : 0.001 unit is allocated so that the session can be opened even if the quota is exhausted (free scans for example)
- WES KM : accounting mode and simultaneous rebilling codes were not forbidden.
- WES Kyocera : correction of default passwords
- WES Lexmark : improved SDK version detection.
- WES Lexmark : various improvements
- WES Oki : various improvements
- WES Oki : better management of admin rights
- WES Samsung : update
- WES Toshiba : timeout increased to 40s
- WES Toshiba : fixed login screen when keyboard authentication is disabled
- WES Toshiba : corrected layout on authentication screen and jobs page
- WES Toshiba : the mode is now displayed in the web installation report (MDS or LDAP)
- Watchdoc: Added XPS parsing to support print streams sent by Edge
- Watchdoc: Farsi language improvements
- Watchdoc: In rare cases related to fonts preloaded in an MFP, calculating a spool preview could cause Watchdoc to freeze and consume a CPU core.
- Watchdoc : monitoring : mibs added for KM and Novell
- Watchdoc: new patch concerning directory encryption, problematic if FIPS mode is activated on the server
- Watchdoc: If a quota was reset during a user session, a 500 error could be displayed on the MFP.
- Quotas: when a user's quota is deleted, the history of associated transactions is now retained. Can be deactivated.
- Tools: improved LanguageTest for loading PJI information.

## Version 5.0.0.2114

### Corrects or improves the following points:

- WES: Lexmark: management of WES installation with SSL and security activated on the device's website.

- WES: Brother : various improvements, addition of the section for specifying the server IP.
- WES : Toshiba : addition of a Watchdoc button on the home screen.
- WES : Toshiba : automatic configuration of Scan To Me.
- WES : Toshiba : addition of a virtual numeric keypad on the authentication and auto-enrolment pages.
- WES : Toshiba : improved traces in the event of anomalies during installation or uninstallation.
- Watchdoc: security: compatibility with FIPS mode activated for the licence. Directory cache encryption must be deactivated in this mode.

## Version 5.0.0.2100

### Corrects or improves the following points:

- WES : Kyocera : improved diagnostics during deployment.
- WES : Lexmark : new installation report.
- WES : Lexmark : patch related to rights management.
- WES : Lexmark : new supported screen sizes.
- WES : HP : added user rights for scan to mail and scan to folder.
- WES : HP : improved support for 4-line screens.
- WES : Xerox : support for C60 and C70 models.
- WES : Xerox : it is now possible to specify a port to detect and use the JBA.
- WES : Xerox : C60 and C70 models with external Fiery are now supported.
- WES : Toshiba : improved rights management in MDS mode.
- Watchdoc : German : minor corrections.
- Watchdoc : Setup/Update : switch to .NET Framework 4.6.2.
- Watchdoc : Master/Slave : default guest roles are synchronized.
- Watchdoc : Master/Slave : WATCHDOCDOM domain certificate now expires on 31/12/2039 instead of 999 days.
- Watchdoc : Agent : fixed a bug generating errors : 'Discarding null entry from remote backlog submit.
- Tools : WCLI : FINDPUK also adds the rebilling code.
- Tools : WCLI : JTSUITE : number of copies taken into account, project code added.

## Version 5.0.0.2058

### Corrects or improves the following points:

- Watchdoc: some user information was taken from the directory cache even when it was deactivated. Deactivation is now effective.
- Tools: WCM: it is now possible to specify the hash algorithm (SHA1/SHA256) and key size when creating a certificate.
- Tools: WCM: SHA1 is now the default algorithm for MFP compatibility reasons
- Tools: WCM: Ability to specify the validity range of a self-signed certificate
- Tools: WCM: New RELOAD command for abandoning unsaved changes
- Tools: WCM: TEST command remembers last used URL, otherwise localhost:5753
- Tools: WCM: first version of a HELP function

- Tools: WCM: improved command autocompletion
- Tools: WCM: fix for saving a newly created certificate.

## Version 5.0.0.2016

### Corrects or improves the following points:

- WES Toshiba: authentication set to LDAP mode by default
- WES Toshiba: improved authentication management
- WES Lexmark: cosmetic fixes
- WES: Kyocera and Canon: correction of visual anomalies linked to the rebilling code and quotas
- WES: it is now possible to activate only TLS protocols (1.0, 1.1, 1.2)
- Setup: single-step setup restored, as in version 4.6
- Watchdoc: Master-Slave logs improved
- Watchdoc: it is now possible to retrieve a user's e-mail address from a different directory
- Watchdoc: new condition for filters: 'The model name contains...' detected in SNMP

## Version 5.0.0.1999

### Corrects or improves the following points:

- Watchdoc: Ukrainian Hryvnia currency added
- Watchdoc: addition of the currency Iranian Rial
- Watchdoc: in the balance sheet section, the role search criterion is now sorted alphabetically.
- Watchdoc: in the balance sheet section, if the role is not defined then the role null is assigned.
- Watchdoc: PCL6 parser improved
- Watchdoc: the 'costs' column is now hidden if no document has a cost entered.
- Watchdoc: improved detection of Microsoft Office documents
- Watchdoc: Chrome (v44) is prevented from automatically filling in password fields, as this could cause configuration errors.
- WES Samsun: Samsung 9352, cosmetic corrections to the pending print jobs page.
- WES Samsung: new version of the PAR file
- WES Sharp: management of badge authentication deactivation in non-HID mode
- Wes Toshiba: improved accounting
- Wes Xerox: web services enabled on Discovery and ConnectKey models
- Tools: WCM: added certificate creation functionality (Watchdoc Certificate Manager)
- Tools: DiagTool: copy Wes\_Traces
- Tools: DiagTool: ability to change local server log level
- Tools: QueueCreationTools: no longer displays printers not eligible for Watchdoc (TS,PDF)
- Tools: WCLI SYNC: Fixed synchronisation anomaly between master and slaves.

## Version 5.0.0.1925

### Corrects or improves the following points:

- WES KM: colour right affected scans
- WES HP: addition of a WES installation report
- WES Kyocera : fixed a bug when uninstalling WES
- Samsung WES: fixed a bug affecting print job accounting
- WES \*: Sharp, Toshiba: possibility to add a custom logo
- Watchdoc: top groups in statistics now limited to 15
- Watchdoc German: correction of untranslated FR text

## Version 5.0.0.1888

### Corrects or improves the following points:

- Watchdoc: German translation updated
- Watchdoc: Canon CPCA: improved support
- WES: Sharp: fixed login screen display, button positions
- WES: Sharp: ability to recover identity in more scenarios (authentication by another server or third-party application)
- WES: Sharp: Automatic installation/uninstallation with OSA 5
- WES: Toshiba: when uninstalling WES, the addresses of other applications are now left behind
- Tools: WCM: new tool called Watchdoc Certificate Manager (beta) for managing SSL certificates (troubleshooting help)

## Version 5.0.0.1862

### Corrects or improves the following points:

- WES: HP: improved WES installation
- WES: HP: improved display on small non-touch screens
- WES: Samsung: application authentication mode is now compatible
- WES: Samsung: minor cosmetic fixes to user interface
- Watchdoc: \$JOBINFOPRINTED event was set for \$ADMIN instead of \$USER
- Watchdoc: SNMP: support for ricoh MPC3503
- Watchdoc: the percentage of trends in the statistics tooltip was incorrect
- Web: German translation improved
- Web: Various cosmetic corrections
- Web: manual entry of the '(' character moved the cursor to the next field
- Tools: the Powershell script for installing IIS for Windows 2012(R2) did not install the IIS management console
- Tools: WCLI ENABLEALLQUEUES: re-enables all controlled queues in Watchdoc
- Tools: WCLI DISABLEALLQUEUES: disables all controlled queues in Watchdoc.

## Version 5.0.0.1813

### Corrects or improves the following points:

- Watchdoc: ability to replicate data from other servers.
- Watchdoc: ability to deactivate the global attribute of a filter on a Master service.
- Watchdoc: ability to continue a user search in a META directory if a profile has been found but deactivated.
- Watchdoc: now displays in the user test whether the profile found is deactivated or expired.
- Watchdoc: the initial version number and date of installation of Watchdoc have been added to the configuration file.
- Watchdoc: improved readability of ascii-art representations in logs.
- Watchdoc: changing a server from SINGLE to SLAVE now overwrites the old configuration if already present instead of generating an error.
- WES: Toshiba: adjustment of a delay when deploying WES.
- WES: KM: fix: bug related to quota display
- WES: KM: bugfix: when authenticating by badge with rebilling codes, badge re-registration was requested.
- WES: KM: fix: using an infinite quota was causing an error message on the MFP screen.
- WES: HP: badge reader module re-implementation.
- WES: Samsung: correction of an anomaly concerning emergency mode.
- WES: Samsung: change to My Prints icon
- WES: Samsung : change the label of the logout button to 'Quit'.
- WES: CapService : fixed an error during a payment if quotas are not activated in the CapService Wes.
- WES: Sharp: Added compatibility with HID-free mode
- WSC: Ability to automatically externalise inactive local agents after x months.
- WSC: the Supervision Console service would not restart following a Watchdoc update.
- Tools: re-enabled the Watchdoc service restart checkbox in WatchdocSystemResume
- Tools: WatchdocSystemResume will not act on virtual queues or those pointing to a NULL port

## Version 5.0.0.1782

### Corrects or improves the following points:

- Watchdoc: generated certificates now use SHA-256
- WES: Toshiba: the format of the code read is now taken into account during auto-enrolment
- WES: Toshiba: improved deployment and verification
- Tools: correction of the QueueCreationTool for Watchdoc V5
- Web: in some cases with IE and special symbols, codes (service) could be displayed incorrectly.
- Brother: detection of the XL2HB language (derived from PCL6). Deactivation of preview, better management of monochrome/colour detection.