

IBS Release Note

Type	Version	Changed Features and Resolved Problems
v3/v4	4.5.0	<u>New supported models:</u> { [DC165] (Calvados-MF1) }. <u>Beta (*β) supported models:</u> none new <u>New features & Other changes:</u> - <u>convert</u>: (in new v13.4): none - <u>IBS-CC</u> (in v8.5.2.0): - new Quicksets: none - <u>ibs.main/.gps/.bootup</u>: none <u>Bug fixes:</u> - <u>convert</u>: (in new v13.4) - none - <u>IBS-CC</u> (in v8.5.2.0): none - <u>ibs.main/.gps/.bootup</u>: none <u>New Limitations:</u> - <u>convert</u>: none - <u>IBS-CC</u> (in v8.5.2.0): none - <u>ibs.main/.gps/.bootup</u>: none

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	4.4.0	<u>New supported models:</u> { [DC156] (Artemis-P1), [DC164] (Muses-MF4) }. <u>Beta (*β) supported models:</u> { [DC159] (Charis-C4 (Office)), [DC160] (Charis-C4 Pro), [DC161] (Baron-C4), [DC162] (Baron-P4) } Note: These models have not been fully tested and are only provided as a beta, to be used at the user's own risk. In case of problems, support can only be provided by stethos, not by Ricoh. <u>New features & Other changes:</u> - <u>convert</u> (in new v13.3): (in GWNX, GWL, sGW, ARM-QB.sGW): none; - <u>IBS-CC</u> (in v8.4.11.0): - new Quicksets: none - new tool "IppPrint.exe" and "IPPS_PrintBarcodeTest.bat" - new "IBS Installation Patch Connection.pdf". - detect suitable mass storage: now checks for presence of "Locked Print" - drop SNMP write community: reboot now via WIM - diprint vs lpr: IBS-CC now performs a protocol check for sending jobs (e.g. *.PJL): if the protocol selected in IBS-CC does not match the one opened in the "Security" settings of WIM, it will terminate with FAILED. - PCL5 detection: no longer done via SNMP, but by checking WIM if "PCL 5" is present. - dropped support of legacy IBS v1 & v2 and of end-of-life models - dropped support of 32-bit Windows OS - device status: now get via WIM instead of SNMP; (SNMP has been entirely disabled, due to R.E.D. & replaced by WIM crawling => no need for oids anymore; GUI changed) - comm port change (default = 10001): no longer tries the open ports found in MIB; now only 1 "alternative" IP port for IBS, needs to be specified manually - WIM launch via mouse click: Highlight a line in IBS-CC "Scan", then click the "WIM" link at the bottom right; this will start the default web browser with the IP address of the device. - new IBS uninstall process (automated) - new IPPS_PrintBarcodeTest.bat: alternative to tcpssend for RED enabled devices; by default sends the 3-page Barcode Test File using IPPS. - <u>ibs.main/gps/bootup</u>: none <u>Bug fixes:</u> - <u>convert</u> (in new v13.3): (in GWNX, GWL, sGW, ARM-QB.sGW): - <<IBS-282>> XPS passthrough enhanced (but not fully fixed; refer to [LIM88B]) - <u>IBS-CC</u> (in v8.4.11.0): none - <u>ibs.main/gps/bootup</u>: none <u>New Limitations:</u> - <u>convert</u> (in new v13.3): - [LIM89B] IBS: job from Windows IPP + Ricoh PSA can cause device SC920-04; as a temporary workaround, use new quickset "PSA Fix"; - IBS cannot co-exist with the device's built-in PDL filter - <u>IBS-CC</u> (in v8.4.11.0): - [LIM56M] IBS Debug: instable/incomplete Capture Job + LOG retrieval DWCC to forward to STH for analysis if occurs. - [LIM58M] Domestic (DOM) devices might show with incorrect Device oid in IBS-CC. - <u>ibs.main/gps/bootup</u>: none
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4.3.0	New supported models: { [DC155], [DC161*β], [DC162*β], [DC163] }. Note (*β): This model has not been fully tested and is only provided as a beta, to be used at the user's own risk. In case of problems, support can only be provided by stethos, not by Ricoh. <u>New features:</u> - convert (in new v13.1): (in GWNX, GWL, sGW, ARM-QB.sGW): none - IBS-CC (in v8.3.3.0): - PjL file permission in WIM temporarily toggled to "Permit" during installation - new Quicksets: - "Prevention against unauthorized copying (PjL) - "Prevention against unauthorized copying (no PjL) <u>Bug fixes:</u> - convert (in new v13.1): (in GWNX, GWL, sGW, ARM-QB.sGW): none - XPS pass-through - IBS-CC (in v8.3.3.0): - "SNMP Retries" setting was ignored - hang of Single-click Installation if WIM access fails - ibs.main/.gps/.bootup: - slow debug file read-back via IBS-CC
4.2.0	New supported models: { [DC157], [DC158] }. <u>New features:</u> none <u>Bug fixes:</u> - IBS-CC (in v8.2.0.0): - IBS-CC crashed when disconnecting during debug files download/readback - HTML Export of devices after a scan - removal of 3rd party 7zip and usage of OS supplied TAR - correction of ibs_test.prm - BOP font download folder correction - Automated licensing process now through DNS proxy - Test menu changed default behaviour
4.1.1	New v3/v4 supported models: { [DC154], [DC144] }. <u>New features:</u> - convert (in new v13.00): (in GWNX, sGW, GWL) - none - IBS-CC (in v8.1.11.0): - new Quicksets: none - CC Single Click installer pre-requisites check - IBS uninstall must work in environments where the SEPIA port is blocked - GUI corrections for Location and SD Card slot - redesigned scan result - device scan message changed - Sepia VERSION_REQUEST (= (-) terminal \r\n) - integration of BOP (Barcode & OCR Package) <u>Bug fixes:</u> - convert (in new v13.00): (in GWNX, sGW, GWL) - updated Codablock-F - updated us_ocra.mac - IBS-CC (in v8.1.11.0): - incorrect additional information when exposed in Unicode - Bundled packer 7-zip CVE - IBS license files wrongly terminated - corrected models.ini [DC69] System f/w ver - detect storage device (SSD or HDD or eMMC) via PjL INFO CONFIG DISK and LOGICALDISK - correct display of non-ASCII chars in Device alert messages shown on IBS-CC under "Additional information" - ibs.main/.gps/.bootup: - faulty debug file read-back via IBS-CC - DC144 Charis-C3 (Office) licence loss

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	4.0.0	New v3/v4 supported models: { [DC149] }. New features: - convert (in new v12.40): - new symbology: GS1 QR Code - new symbology: Codablock-F - IBS-CC (in v8.0.0.0): - new Quicksets: none - automatic HDD detection - new debug mode structure - check device after manual installation - ability to enforce non-SSL to WIM even if SSL is possible - HDD detection - new debug mode 3, via [X] check-box instead of (o) radio-button - folder creation detection after PJJ download - show device alerts before und during installation in CC Bug fixes: - convert (in new v12.40): - Legacy Barcode Typeface# (fixed in test files and documentation) - Service Call upon @PJJ ENTER LANGUAGE = PDF - fixed Linedraw font / 1 char was missing - IBS-CC (in v8.0.0.0): - Install section: GUI Error: 2 radio-buttons - in CC manual: wrong supported OS : updated min server version - sending CC logs - (via doc):Offline help using F1 will fail for some pages using Firefox - CC running on a Windows Server OS might drop an incorrect message - SNMP Communities with leading/trailing blanks Note: The above only applies to [DC149]; for all other models the binaries of 3.4.0 are used.
	3.5.0	New v3 supported models: none. New v2 supported models with firmware backported for v3: { [DC144] }. New features: - IBS-CC in v6.5.x.0: - new Quicksets : none - store quicksets as .PJJ - show name of mod file during installation Bug fixes: - ibs.bootup: introduce 10' timeout for retries to find S/N file - convert: - buggy behaviour on Shift-JIS Katakana - erroneous OCR CTX with 2D barcodes - IBS-CC: - "Supported Devices": sorting order, button label - for sGW will show eMMC not HDD - column header label
	3.4.0	New v3 supported models: none. New v2 supported models with firmware backported for v3: { [DC142] }. New features: none. New Quicksets in IBS-CC v6.4.x.0: none. Bug fixes: none.
	3.3.0	New v3 supported models: none. New v2 supported models with firmware backported for v3: { [DC136], [DC139] }. New features: none. New Quicksets in IBS-CC v6.3.x.0: none. Bug fixes: none.
	3.2.0	New v3 supported models: { [DC146] }. New v2 supported models with firmware backported for v3: none. New features: none. New Quicksets in IBS-CC v6.2.6.0: none. Bug fixes: none.
	3.1.0	New v3 supported models: none. New v2 supported models with firmware backported for v3: { [DC126], [DC133], [DC138] }. New features: none. New Quicksets in IBS-CC v6.1.2.0: none. Bug fixes: none.
	3.0.1	Bug fix: Exchanged IBS-CC to v 6.0.12.0, thus correcting wrong minimum f/w version for [DC130] v3.
	3.0	New supported models: [DC147], [DC151]. Models with backported firmware: [DC130], [DC134], [DC135]. New features: QR Code with ECI. New Quicksets in IBS-CC v6.0.11.0: none Bug fixes: QR Code.
v2	2.21	New supported models: [DC145]. New features: None. New Quicksets in IBS-CC v5.21.4.0: "PCL5 font analyze mode" Bug fixes: DataMatrix.

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2.20	New supported models: [DC144]. New features: None. New Quicksets in IBS-CC v5.20.2.0: - Secure Username Watermark Bug fixes: - IBS-CC: accommodated changed WIM behaviour with new firmware.
2.19	New supported models: [DC142]. New features: Symbologies: Aztec. Swiss QR Code v2. New Quicksets in IBS-CC v5.19.6.0: None. Bug fixes: - Memory leak fix compiled also for legacy intel 1-core and MIPS (only tested on [DC85] and [DC107]).
2.18	New supported models: [DC136, DC138, DC139]. New features: IBS-CC replaces BOCRCT Supported Quicksets in IBS-CC v5.18.16.0: - Barcode 2d FieldDelimiter - Forms Management Date Time HighPos (GER) - Forms Management Date Time HighPos (US) - Forms Management Date Time LowPos (GER) - Forms Management Date Time LowPos (US) - Forms Management Page Counter - Free Escape Caret - Free Escape Tilde - Outlook Greyscale - Outlook Grayscale Duplex - QR Code Watermark (GER) - QR Code Watermark (US) Bug fixes: None
2.17	New supported models: [DC133, DC134, DC140, DC141] New features: None Bug fixes: Java part; UPS Maxicode
2.16	New supported models: [DC135] New features: None Bug fixes: None
2.15	New supported models: [DC129] New features: Swiss QR Code Bug fixes: French Postal Code CHK, UPC-128 CHK, Code 128 CHK
2.14	New supported models: [DC130] New features: UPS Intelligent Mail Barcode, PZN8 Bug fixes: Convert.exe; RPCS pass through (LIM47D)
2.13	New supported models: [DC118, DC119, DC126, DC127, DC128] New features: None Bug fixes: "esymbols" replaced with new font (char 0x2C removed)
2.12	New supported models: [DC114, DC117, DC124] New features: None Bug fixes: None
2.11	New supported models: [DC110, DC122, DC123, DC125] New features: None Bug fixes: None
2.10	New supported models: [DC101, DC102, DC114, DC120, DC121, DC124] New features: None Bug fixes: Convert.exe
2.09	New supported models: [DC116] New features: None Bug fixes: None
2.08	New supported models: [DC112, DC113, DC115] New features: None Bug fixes: None
2.07	New supported models: [DC107] New features: None Bug fixes: None
2.06	New supported models: [DC102] New features: None Bug fixes: None
2.05	New supported models: [DC101, DC102, DC108] New features: None Bug fixes: None
2.04	New supported models: [DC103] New features: None Bug fixes: None
2.03	New supported models: [DC98, DC99, DC100] New features: None Bug fixes: None
2.02	New supported models: [DC94, DC95, DC96, DC98] New features: None Bug fixes: None
2.01	New supported models: [DC83, DC84, DC85, DC87, DC88, DC89, DC91, DC92] New features: Support of GW+ models Bug fixes: None

Note: Model name

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This list consists of Device Classes (DC). For the related model names please refer to " Volume 1 .pdf Appendix D: Device models supported ".

Note: Same DC in two different versions

In this case a new model (of the same "model family") was added to an existing DC and was tested with the new version.