

# IBS Release Note

Type	Version	Changed Features and Resolved Problems
v3/v4	4.3.0	<p>New supported models: { [DC155], [DC161*β], [DC162*β], [DC163] }.</p> <p><b>Note (*β):</b> 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.</p> <p><u>New features:</u></p> <ul style="list-style-type: none"> <li>- convert (in new v13.1): (in GWNX, GWL, sGW, ARM-QB.sGW): none</li> <li>- IBS-CC (in v8.3.3.0): <ul style="list-style-type: none"> <li>- PjL file permission in WIM temporarily toggled to "Permit" during installation</li> </ul> </li> <li>- new Quicksets: <ul style="list-style-type: none"> <li>- "Prevention against unauthorized copying (PjL)</li> <li>- "Prevention against unauthorized copying (no PjL)</li> </ul> </li> </ul> <p><u>Bug fixes:</u></p> <ul style="list-style-type: none"> <li>- convert (in new v13.1): (in GWNX, GWL, sGW, ARM-QB.sGW): none</li> <li>- IBS-CC (in v8.3.3.0):n <ul style="list-style-type: none"> <li>- "SNMP Retries" setting was ignored</li> <li>- hang of Single-click Installation if WIM access fails</li> </ul> </li> <li>- ibs.main/.gps/.bootup: <ul style="list-style-type: none"> <li>- slow debug file read-back via IBS-CC</li> </ul> </li> </ul>
	4.2.0	<p>New supported models: { [DC157], [DC158] }.</p> <p><u>New features:</u> none</p> <p><u>Bug fixes:</u></p> <ul style="list-style-type: none"> <li>- IBS-CC (in v8.2.0.0): <ul style="list-style-type: none"> <li>- IBS-CC crashed when disconnecting during debug files download/readback</li> <li>- HTML Export of devices after a scan</li> <li>- removal of 3rd party 7zip and usage of OS supplied TAR</li> <li>- correction of ibs_test.prn</li> <li>- BOP font download folder correction</li> <li>- Automated licensing process now through DNS proxy</li> <li>- Test menu changed default behaviour</li> </ul> </li> </ul>
	4.1.1	<p>New v3/v4 supported models: { [DC154], [DC144] }.</p> <p><u>New features:</u></p> <ul style="list-style-type: none"> <li>- convert (in new v13.00): (in GWNX, sGW, GWL) <ul style="list-style-type: none"> <li>- none</li> </ul> </li> <li>- IBS-CC (in v8.1.11.0): <ul style="list-style-type: none"> <li>- new Quicksets: none</li> <li>- CC Single Click installer pre-requisites check</li> <li>- IBS uninstall must work in environments where the SEPIA port is blocked</li> <li>- GUI corrections for Location and SD Card slot</li> <li>- redesigned scan result</li> <li>- device scan message changed</li> <li>- Sepia VERSION_REQUEST (= (-) terminal \r\n)</li> </ul> </li> <li>- integration of BOP (Barcode &amp; OCR Package)</li> </ul> <p><u>Bug fixes:</u></p> <ul style="list-style-type: none"> <li>- convert (in new v13.00): (in GWNX, sGW, GWL) <ul style="list-style-type: none"> <li>- updated Codablock-F</li> <li>- updated us_ocra.mac</li> </ul> </li> <li>- IBS-CC (in v8.1.11.0): <ul style="list-style-type: none"> <li>- incorrect additional information when exposed in Unicode</li> <li>- Bundled packer 7-zip CVE</li> <li>- IBS license files wrongly terminated</li> <li>- corrected models.ini [DC69] System f/w ver</li> <li>- detect storage device (SSD or HDD or eMMC) via PjL INFO CONFIG DISK and LOGICALDISK</li> <li>- correct display of non-ASCII chars in Device alert messages shown on IBS-CC under "Additional information"</li> </ul> </li> <li>- ibs.main/.gps/.bootup: <ul style="list-style-type: none"> <li>- faulty debug file read-back via IBS-CC</li> <li>- DC144 Charis-C3 (Office) licence loss</li> </ul> </li> </ul>

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

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

**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.