Zebra Evolution Update for Scanners

The following scanner updates have been released in the last quarter (July through September of 2023). Subscribe to this notification.

- Firmware - What's new

- Software Tools - What's New

Firmware - What's New

For information on previous plugin / firmware releases see the release notes in 123Scan.

Supported Models	CS6080-SR CS6080-HC CR6080-PC CR6080-SC
Plug-in Names	CS6080-SR Scanner to Cradle-S-007 CS6080-HC Scanner to Cradle-S-007
Firmware	PAAEWS00-003-R01
Release Notes	*** * Release 7 - SAAEWS00-003-R01 * Scanner - CAAEWS00-003-R01 - September 2023 * Cradle - CAAFAS00-002-R02 - September 2023 *** - Fixes issue where SSI Start Session command from the host was not forwarded from the cradle to the scanner - Fixes issue with country code not being set when sent via Bluetooth in 123scan - Fixes issue where you could not scan parameter barcode for ADF 'Send Right CTRL' key - Added 'Send All Fields' options to Label Parsing / Parse+ for GS1
Release Date	2023-09-12

Supported Models	CS6080-SR CS6080-HC
Plug-in Names	CS6080-SR Scanner using Bluetooth-S-007 CS6080-HC Scanner using Bluetooth-S-007 CS6080-SR Scanner with USB Cable-S-007 CS6080-HC Scanner with USB Cable-S-007
Firmware	PAAEWS00-003-R01
Release Notes	*** * Release 7 - CAAEWS00-003-R01 - September 2023 *** - Fixes issue with country code not being set when sent via Bluetooth in 123scan - Fixes issue where you could not scan parameter barcode for ADF 'Send Right CTRL' key - Added 'Send All Fields' options to Label Parsing / Parse+ for GS1
Release Date	2023-09-12

Supported Models	DS8108-SR DS8108-DL DS8108-HC
Plug-in Names	DS8108-STANDARD SR MODELS-S-033 DS8108-STANDARD DL MODELS-S-033 DS8108-STANDARD HC MODELS-S-033
Firmware	PAACZS00-010-R01
Release Notes	*** * Release 33 - CAACZS00-010-R01 - September 2023 *** - Updated to allow decode of specific customer QR code - Updated to allow decode of specific customer Aztec barcode
Release Date	2023-09-06

Supported Models	2356-8178-0000 2356-8179-0000 DS8178-SR DS8178-DL DS8178-HC CR8178-PC CR8178-SC
Plug-in Names	DS8178-SR + TGCS CRADLE-S-011 DS8178-STANDARD SR MODELS + CRADLE-S-044 DS8178-DL + TGCS CRADLE-S-011 DS8178-STANDARD DL MODELS + CRADLE-S-044 DS8178-STANDARD HC MODELS + CRADLE-S-044
Firmware	PAACXS00-010-R01
Release Notes	** * Release 44 - SAACXS00-010-R01 - September 2023 * Scanner - CAACXS00-010-R01 - September 2023 * Cradle - CAACYS00-010-R01 - September 2023 ** - Updated to allow decode of specific customer QR code - Updated to allow decode of specific customer Aztec barcode
Release Date	2023-09-06

Supported Models	2356-9908-0000 2356-9909-0000 DS9908-SR DS9908-DL DS9908-HD DS9908-HL DS9908-TT
Plug-in Names	DS9908-STANDARD SR MODELS-S-021 DS9908-STANDARD DL MODELS-S-021 DS9908-STANDARD HD MODELS-S-021 DS9908-STANDARD HL MODELS-S-021 DS9908-STANDARD TT MODELS-S-021
Firmware	PAAECS00-005-R00
Release Notes	** * Release 21 : CAAECS00-005-R00 - August 2023 ** - Updated to ADF v2.0 with next level data formatting - Added Send All Fields option to Label Parsing / Parse+ for GS1 - Added ADF over SNAPI - Added ADF over SSI - For RFID HEX to ASCII Conversion, allow setting to not need Start / End character for conversion - Updated RFID radio frequency for Israel and Indonesia for regulatory changes
Release Date	2023-08-25

Supported Models	MP7000-LH MP7000-LN MP7000-LP MP7000-MH MP7000-MN MP7000-MP MP7000-SH MP7000-SN MP7000-SP MP7000-SV MP7001-LC MP7001-LH

	MP7001-LN MP7001-LP MP7001-LPS0M00US-U MP7001-MC MP7001-MH MP7001-MN MP7001-MP MP7002-LN MP7002-MN MP7010-LN MP7010-LP MP7010-MN MP7010-MP MP7010-SN MP7010-SP MP7011-LC MP7011-LN MP7011-LP MP7011-MC MP7011-MH MP7011-MN MP7011-MP MP7012-LN MP7012-MN
Plug-in Names	MP7000-COMMON SR MODELS-S-032 MP7001-COMMON SR MODELS-S-032 MP7000-COMMON DL MODELS-S-032 MP7001-COMMON DL MODELS-S-032
Firmware	PAADGS00-004-R02
Release Notes	** * Firmware version CAADGS00-004-R02 - June 2023 ** 1. NCR and Datalogic host types over USB CDC 2. Alternate Beep Volume for Not on File (Params #2383 & #2384) 3. TGCS parameters a. IBM Flash Update Enable - #1727 b. IBM Scanner Generic Management Info - #1940 c. IBM Scanner Vendor Specific Management Info - #1941 d. IBM Scale Generic Management Info - #1942 4. Fix intermittent system reset when Aux scanner reconnects during a scan session. 5. Automatic trigger scanning session after a scan disable / scan enable sequence to prevent same item left on platter or in field of view from being decoded a second time. (Parameter #2398) 6. Added extended symbol timeout for GS1 Databar bar codes. (Parameter #2399) 7. Programmable number of beeps for Not On File Event (Parameter #2411) 8. Synchronize boot up beeper volume with system volume setting (Parameter #2412) 9. Changed beep sequence for unknown code types on RS-232 NCR host type to 5 long low. 10. Added code types to NCR host (RS-232 and USB CDC) a. UPC-E1 E b. EAN-8 2 digit supps FF c. EAN-8 5 digit supps FF d. Pharmacode A e. Code 93]G0 f. GS1 DataMatrix]d0 g. GS1-QR Code]Q0
Release Date	2023-06-13

Supported Models	SM7201-SR SM7208-SR SP7201-SH

Supported Models	SP7201-SV SP7208-SH SP7208-SV
Plug-in Names	SP7208-STANDARD SR MODELS-S-002
Firmware	PAAFVS00-001-R01
Release Notes	*** * CAAFVS00-001-R01 - June 2023 *** Initial Release
Release Date	2023-07-12

Supported Models	SM7201-DL SM7208-DL SP7201-DH SP7201-DV SP7208-DH SP7208-DV
Plug-in Names	SP7208-STANDARD DL MODELS-S-002
Firmware	PAAFVS00-001-R01
Release Notes	*** * CAAFVS00-001-R01 - June 2023 *** Initial Release
Release Date	2023-07-12

Supported Models	20-PL5000-AP000R 20-PL5000-CM000R PL5000-AM PL5000-AP PL5000-BP PL5000-CM PL5000-CP PL5000USB-BP SE-3307HD-L100R SE-3307SR-L100R SE-3307WA-L100R SE4757MR-I5 SE4757SR-I5 SE4757SR-L5
Plug-in Names	PL5000-COMMON MODELS-S-006
Firmware	PAAEOS00-004-R02
Release Notes	** * Firmware version CAAEOS00-004-R02 - July 2023 ** 1) Fixed issue with certain Japan Postal codes 2) Fixed issue with certain QR codes encoded with SHIFT-JIS 3) Fixed issue with SE4770 and Illumination Brightness not maintaining after power down 4) Fixed issue with first snapshot image after disabling auto-exposure 5) Fixed issue where the SSI Request Revision was returning the wrong engine ID for the SE5500 6) Updated to latest SE5500 firmware 7) Allow Power Off Engine in Low Power Mode to apply to the SE5500 as well as already supported engines
Release Date	2023-07-10

Software Tools - What's New

Download available at Zebra's Scanner Software Support site.

CoreScanner Driver for Windows v3.07.0042 - 10/2023

1. Access to CoreScanner Version Info - Modified how-to-access CoreScanner Version info. Now read from registry key, Instead of the CoreScanner binary file.
2. Bug Fix - "Grave" accent no longer, incorrectly converting into CR/LF when the scanner is operating in RS232 NIXMODB communication mode.
3. Bug Fix - Fixed "Simulated HID Keyboard" issue. Scancode now properly generated for a "Group Separator" character, when in simulated HID Keyboard.

Barcode Scanner SDK Windows v3.06.0033 - 10/2023

1. Enhanced OPOS Driver
   - Bug Fix - GoodScanCount no longer returns negative values when a large count value is set using Update Statistics method.
   - Bug Fix - Sample App no longer shows incorrect weight when ReadWeight is called with Freeze Events enabled.
   - Bug Fix - Sample App addressed situationally driven utility hang when retrieving Read Weight and Live Weight events after calling the retry option in asynchronous error events.
   - Bug Fix - Removed redundant log on "FireHeadDataEvent" in OPOS log files.
   - Bug Fix - Driver now returns "Not Ready" scale status, when scale is unplugged, while having live weight enabled.
   - Bug Fix - Check Health (Internal and External) now returns "No hardware" response, when no scanner(s) is connected on the USB bus.
   - Bug Fix - Driver now represents "Non-Printable Characters" in the scan data in their original form (unmodified by the OPOS driver).
2. Enhanced JPOS Driver
   - Added support for multiple JPOS Scanner instances when communicating to one application. This enables the JPOS driver to communicate to and track multiple scanners simultaneously and independently, like the MP7000 and DS8178/cradle.
   - Added ability to "Filter Scanner Discovery" on 1. Host Communication Mode, 2. Model (a.k.a DS9908...) and 3. Serial Number. JPOS now matches OPOS functionality.
   - Bug Fix - Check Health (Internal and External) now returns "No hardware" response, when no scanner(s) is connected on the USB bus.
   - Bug Fix - Sample App no longer shows incorrect weight when ReadWeight is called with Freeze Events enabled.
   - Bug Fix - Driver now returns "Not Ready" scale status, when scale is unplugged, while having live weight enabled.
3. Enhanced CoreScanner Driver
   - Access to CoreScanner Version Info - Modified how-to-access CoreScanner Version info. Now read from registry key, Instead of CoreScanner binary file.
   - Bug Fix - "Grave" accent no longer, incorrectly converting into CR/LF when scanner is operating in RS232 NIXMODB communication mode.
   - Bug Fix - Fixed "Simulated HID Keyboard" issue. Scancode now properly generated for a "Group Separator" character, when in simulated HID Keyboard.

123Scan v6.00.0012 - 10/2023

1. Enhanced Configuration Wizard / Device Selection Screen - Simplified display of devices. Shortened displayed scanner list to active scanners (currently selling / supported). Discontinued devices available at bottom of page via a link.
2. Enhanced Advanced Data Formatting (ADF) capabilities
   - Updated ADF "what is this" dialogs. Link now exists to access General Settings (of ADF rule's).
   - "Trigger bar code" link added back to ADF rule card (in ADF Criteria dialog).
   - Removed outdated "Send Special Keys" category from ADF Actions under Action "Send Value".
   - Bug fix - Added warning dialog if possible loss of data - When copying ADF actions between rule cards configured with conflicting data length (Full string length vs compact string length).
3. Enhanced App Developer Report - Added Asset Info, Statistics, Action attributes, ... in addition to existing scanner parameters.
4. Enhanced Staging Flash Drive Package - Added SP72XX support to Staging Flash Drive package creation wizard.
5. Optimized Automatic 123Scan Over-the-Air Updater - Added auto retry to updater (utility and plug-in).

6. Enhanced Barcode Report Layout - Removed list of scanner models displayed in barcode report. Within next 6 months will be an option in the print settings.
7. Bug Fix - Added support for extended ASCII character "160" to input actions.
8. Bug Fix - Fixed rare issue in downloading a cradle / BT scanner plugin.

Scanner Management Service (SMS) for Windows v4.02.0013 - 10/2023

1. SMS code base updated (migrated) to Visual Studio 2019 from Visual Studio 2017.
2. Access to SMS Version Info - Modified how-to-access SMS Version info. Now read from registry key, Instead of SMS binary file.

Color Camera Management Utility for Windows v1.0.13.2 - 10/2023

1. Initial release of the CCMU supported Functionality:
   - Retrieve color camera configuration from the color camera and save to file with extension *.bcccfg.
   - Load Configuration file to color camera. Note the CC config file is created using the Color Camera SDK.
   - Update firmware of color camera. Available on request from Zebra.
   - Query asset information from the color camera hardware.
   - Reboot the color camera hardware.
   - Note the CCMU must be loaded on the scanner's host PC, for example the MP700's POS.

CoreScanner Installer Package for Linux v4.4.1-36 - 10/2023

1. Bug Fix - Record count sent with firmware update progress events functions as expected; Intermittent issue addressed.
2. Bug Fix - Changed default value of "bulktransfer_time_out" in configuration file to resolve scanner reboot issue seen during firmware update.
3. Bug Fix - Command Line Utility (CLU) - Resolved a firmware update failure in IBMHID and IBMTT modes, seen with particular versions of scanner firmware.

JPOS Installer Package for Linux v4.4.1-45 - 10/2023

1. Bug Fix - Check Health (Internal and External) now returns "No hardware" response, when no scanner(s) is connected on the USB bus.
2. Bug Fix - Sample App no longer shows incorrect weight when ReadWeight is called with Freeze Events enabled.
3. Bug Fix - Driver now returns "Not Ready" scale status, when scale is unplugged, while having live weight enabled.

Scanner Management Solution for Linux v1.3.1-23 - 10/2023

1. Bug Fix - Fixed rare comm. protocol switching issues, seen during firmware update.

Scan-To-Connect Utility for Android v2.2.12 - 10/2023

1. Bug Fixes - Now "Enter key" in STC keyboard sends the "search key", was incorrectly sending a "Space character" (in Chrome browser).
2. Bug Fixes - Eliminated keyboard selection enforcement issue while in HID Keyboard mode. Now it is not mandatory to switch to Zebra keyboard, while in HID keyboard mode.

Barcode Scanner SDK for iOS v1.4.39 - 10/2023

1. Added iOS 17 support.
   - Scanner Firmware update in iOS 17 is temporarily not supported. This feature will be available in a future release. Note firmware update in older iOS versions like v16 and v15 function correctly.
2. Zebra only supports the last 3 iOS versions from Apple. iOS v14 and older are no longer supported.