Release Notes

Release Note:	**Joya™ Touch WEC7 Version 2.24.129.14 English**	**Distribution Date:**	February 16, 2023
Product Involved:	Joya™ Touch Windows Embedded Compact 7.0		
Description:	**Joya™ Touch Windows Embedded Compact 7.0 Version 2.24.129.14 English Firmware Release**		
Business Unit:	Mobile Computers		

Distribution Scope: ☐ **Internal** ☒ **External – specify:** **Public**

Joya™ Touch Windows Embedded Compact 7.0 version 2.24.129.14 English

1. COMPATIBILITY

- For use on Joya™ Touch Pilot or Production units.
- Firmware version 2.24.125.14 is not compatible with alpha HW version of Joya Device. Contact Datalogic in case you need to upgrade an alpha HW version device.
- Joya™ Touch with firmware version 2.24.125.09 or higher cannot be downgraded to previous firmware version.

2. ENHANCEMENTS

2.1. SDK Enhancements

a. Added support for controlling the scan engine illuminator with *DeviceEnableLED()* SDK functions.

2.2. Miscellaneous Enhancements

a. Upgraded Windows Embedded Compact 7 to Update 75 December 2019.
b. Introduced support for new BY-04 battery cell.

3. CORRECTED DEFECTS

3.1. SDK Corrections

a. Fixed conflict error in concurrent use of illuminator and scanner.

4. KNOWN LIMITATIONS

4.1. Communications

a. Wi-Fi doesn't reconnect after a suspend/resume if AppSelector has been enabled with "Show Status" icon option. (59536)
b. Wi-Fi fails to re-associate after suspend-resume if the radio profile has been added manually as “WPA/WPA2”. (38831) Workaround: Set the WPA option as “WPA2” only.

4.2. SDK

a. *Device.DeviceBuzzerStart()* SDK function returns true state even when the Joya Touch is not buzzing. (21790)

4.3. Miscellaneous

a. SOTI agent cannot be installed. (59400)
b. SoftSpot does not allow to modify associated application action order. (39012)
c. Joya Touch cannot perform USB connection when just turned on from battery empty status. (21472) Workaround: reboot device.
d. If the battery is lower than 30% and the USB cable was plugged in and then removed, the screen will rotate by 180°. It supposed to stay in the same orientation. (21377)
e. Joya Touch goes in suspend without displaying any warning message to the user when battery gets low. (6500)

5. FILES

- nk.img [Joya™ Touch Windows Embedded Compact 7.0 version 2.24.129.14 English]
- ReleaseNote_Joya Touch_WEC7_v2.24.14.pdf (this document)

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6. OTHER NOTES

Other Dependencies:

- DFU 4.8.19.0 or newer
- Datalogic SDK v2.0.0.0 or newer

Upgrade Methods:

- Download and install Datalogic Firmware Update utility version 4.8.19.0 or newer:
  - Launch the Datalogic Firmware Update utility on the PC.
  - Explore to and select the Joya Touch WEC 7.0 “nk.img” file, version 2.24.
  - The main battery must be well charged or you must use the device in a powered dock or with a USB rapid charger.
  - Connect the Joya Touch to the PC using the dock and USB cable.
  - (Optional) Click the Query button to validate communication.
  - Click the Update button on the DFU.

7. SUPPORT

Datalogic Download area:

Joya Touch - Windows - Firmware - Products - Datalogic Developer Portal

Datalogic Support & Service

Support and Costumer Service - Datalogic

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8. HISTORY

Joya™ Touch version Windows Embedded Compact 7.0 version 2.24.125.10 English

ENHANCEMENTS

Miscellaneous

- Updated the Wi-Fi software components to 23.3.5.13 version.
- Updated DL-Stager to 1.4.8 version.

CORRECTED DEFECTS

Communication

- Fixed radio DFS roaming issue when SSID was not broadcasted.

SDK

- Now DeviceGetBatteryInfo() SDK function returns the correct info. (29924)

Joya™ Touch version Windows Embedded Compact 7.0 version 2.24.125.07 English

ENHANCEMENTS

Miscellaneous

- Updated the Wi-Fi software components to 23.3.5.9 version.

CORRECTED DEFECTS

- None

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ENHANCEMENTS

Miscellaneous

- Wireless Power Charge algorithm has been improved. (39989)

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- Updated DL Stager to 1.0-RC7 release. (50869)
- Updated SoftSpot to 2.23 Release 1. (40781)
- Revised interface for Bluetooth (patch for SDK 2.0.0.0 needed).
- Supported Beacon API (patch for SDK 2.0.0.0 needed).
- Extended available brightness levels down to 1 for DisplaySetBkltBrightness() SDK function. (40592)
- Scan engine display read property is now applicable to Halogen reader.

CORRECTED DEFECTS

Miscellaneous

- Fixed an issue that on rare occurrences prevented the Joya Touch cradle to lock when the Joya Touch device was not removed within 4 minutes. (39328, 39664)
- Fixed an issue that on rare occurrences caused the Joya Touch cradle to reset. (39663)
- Fixed an issue that occasionally caused the lock, unlock, and LED indicators to be inconsistent when inserting the Joya Touch into the cradle. (21948)
- Bluetooth management improved for Queue Busting application. (40937, 49045)
- Now bluetooth pairing can be restored if the host disconnects. (43154, 43194)
- Fixed issue that prevents Joya Touch to perform bluetooth pairing with some printers using the PIN code. (46962)
- Fixed issues with embedded WEC7 SQL Server Compact. (47306)

Joya™ Touch version Windows Embedded Compact 7.0 version 2.23.125 English

ENHANCEMENTS

- None

CORRECTED DEFECTS

Miscellaneous

- Corrected a rare occurrence problem that the scanner will stop working. (39276)
- On occasion, the lock, unlock, and LED indicators are inconsistent when inserting the Joya Touch into the cradle. (21948)
- If the battery is lower than 30% and the USB cable was plugged in and then removed, the screen will rotate by 180°. It supposed to stay in the same orientation. (21377)
- In rare occasions, the Joya Touch has difficulty rebooting. (39005)
- On rare occurrences, the Joya Touch cradle may reset. (39663)

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- On rare occurrences, the Joya Touch cradle may not lock when the Joya Touch device is inserted. (39664)
- On rare occurrences, the Joya Touch cradle may not lock when the Joya Touch device is not removed within 4 minutes.

Joya™ Touch version Windows Embedded Compact 7.0 version 2.22.125 English

ENHANCEMENTS

- None – First Release for Joya Touch

CORRECTED DEFECTS

- None – First Release for Joya Touch

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