OPOS – 1.14.1.99

|  |  |  |  |
| --- | --- | --- | --- |
| Approvals | |  |  |
| Name | Function | Date | Signature |
| Nikita Thakur | Senior Software Engineer | 21/06/2024 |  |
|  |  |  |  |
|  |  |  |  |
|  | ` |  |  |

Revision History

| **Rev.** | **Date** | **Version** | **Author** | **Description** |
| --- | --- | --- | --- | --- |
| 1 | 12/20/2012 |  | Haritha | Initial Draft |
| 2 | 12/20/2012 |  | Haritha | Baselined version |
| 3 | 1/28/2013 |  | Haritha | Support for NGLE, NGI cordless and FRLE |
| 4 | 2/4/2014 |  | Praveen | To Support following devices, Rifle,1320,4850DR |
|  |  |  |  | Support Multiple Instance of HydraSO |
|  |  |  |  | EWR 9415 QR vs Micro QR Code ID  Added the Silent Installation to Help File |
| 5.0 | 03/21/2014 |  | Praveen | Updated the Help file and 4850DR image capturing issue  in Validation Utility,Help File update for size issue. | |
| 6.0 | 04/02/2014 |  | Praveen | EWR-10842 OPOS handling large QR code  EWR-10778 Honeywell OPOS cannot append log data onto same file |
| 7.0 | 04/03/2014 | \_ | Praveen | UPOS1117:Application crashes when try to decode the large QR bar code |
| 8.0 | 06/23/2014 |  | Praveen | Help File Update and NGLE HD Device Rs232 Interface support |
| 9.0 | 11/11/2014 |  | Praveen | EWR 12796: PSIRT vulnerability on OPOS  1450g Device Support |
| 10.0 | 12/11/2014 |  | Praveen | To Support 1452G device |
| 11.0 | 12/22/2014 |  | Praveen | To Support 1902G device |
| 12.0 | 01/05/2015 |  | Praveen | To Support Voyager 1202G device Cycle 1 |
| 13.0 | 01/13/2015 |  | Praveen | To Support 198Xi Andaman Cordless device Cycle 1 |
| 14.0 | 03/25/2015 |  | Praveen | To Support 198Xi Andaman Cordless device Cycle 2 |
| 15.0 | 04/03/2015 |  | Praveen | To Support Andaman Cordless Device Cycle 3 with Latest Flash DLL |
| 16.0 | 05/28/2015 |  | Nikita | To Support Camden 1202g-bf device Cycle 2 |
| 17.0 | 06/11/2015 |  | Nikita | To Support the 198Xi Andaman Corded Device Cycle 1 |
| 18.0 | 06/17/2015 |  | Nikita | To Support 1450G Lifou device Cycle 1 |
| 19.0 | 07/15/2015 |  | Nikita | To Support Youjie YJ-HH360 device. |
| 20.0 | 07/28/2015 |  | Nikita | To Support Honeywell N3600 Series Area Image Engine |
| 21.0 | 08/11/2015 |  | Nikita | To Support Honeywell Treasure Island 1602 Device |
| 22.0 | 08/13/2015 |  | Nikita | To Support Honeywell N3600 Series Area Image Engine(TTL). |
| 23.0 | 08/21/2015 |  | Nikita | To Support Honeywell YJ-HF500 Device. |
| 24. | 10/16/2015 | 1.13.4.19 | Nikita | To Support 1450G2DHR Lifou2 Device. |
| 25. | 10/19/2015 | 1.13.4.19 | Nikita | To Support Solaris 7980 Device. |
| 26 | 10/23/2015 | 1.13.4.19 | Nikita | To Support Mini DB Device. |
| 27 | 11/05/2015 | 1.13.4.19 | Nikita | To Support 1602 Treasure Island 1D version. |
| 28 | 01/18/2016 | 1.13.4.19 | Nikita | To Support 1602 Treasure Island MFI. |
| 29 | 02/16/2016 | 1.13.4.20 | Nikita | To Support WIN 10 EWR-16764. |
| 30 | 03/28/2016 | 1.13.4.21 | Nikita | To Support BTRS. |
| 31 | 01/13/2017 | 1.13.4.23 | Vivian | To Support 1902g-BF. |
| 32 | 03/29/2017 | 1.13.4.25 | Vivian | To Support 7190g/7120Plus |
| 33 | 07/03/2017 | 1.13.4.25 | Vivian | To Support 1920i |
| 34 | 05/10/2018 | 1.13.4.25 | Vivian | To Support 1930 |
| 35 | 05/10/2018 | 1.13.4.25 | Vivian | To Support 1932 |
| 36 | 06/12/2018 | 1.13.4.27 | Eason | To update Flash Dlls and NULL Driver |
| 37 | 09/30/2018 | 1.14.1.1 | Bin Lu | To support EWR-29467 |
| 38 | 01/14/2019 | 1.14.1.48 | Nikita Thakur | To support Xenon Power Corded and Xenon Power Cordless with Battery |
| 39 | 05/15/2019 | 1.14.1.49 | Nikita Thakur | To support Xenon Power Cordless – Battery Free |
| 40 | 05/15/2019 | 1.14.1.49 | Nikita Thakur | To Support Voyager Power 1470 Area-Imaging Scanner |
| 41 | 07/10/2019 | 1.14.1.49 | Nikita Thakur | To support Voyager XP1472g Wireless Area-Imaging Scanner |
| 42 | 10/14/2019 | 1.14.1.66 | Nikita | To support Xenon Power Lite (1900-C, 1900h-C and 1902-C) |
| 43 | 05/28/2020 | 1.14.1.68 | Nikita | To support Granit XP-SR (1990iSR and 1991iSR) |
| 44 | 05/28/2020 | 1.14.1.68 | Nikita | To support Granit XP-XR (1990iXR and 1991iXR) |
| 45 | 08/20/2020 | 1.14.1.79 | Uday | To support HF680 |
| 46 | 10/23/2020 | 1.14.1.83 | Uday | Fix for EWRs: 35817/34893 |
| 47 | 01/15/2021 | 1.14.1.83 | Uday | To support Honeywell HH490 and Genesis XP 7680GSR Presentation Scanner |
| 48 | 03/10/2021 | 1.14.1.91 | Uday | To support Honeywell 1350g |
| 49 | 06/03/2021 | 1.14.1.91 | Uday | To support Honeywell HF521 |
| 50 | 11/26/2021 | 1.14.1.91 | Kavya | To support Honeywell HH760 |
| 51 | 03/17/2022 | 1.14.1.92 | Kavya | Updated HWFlash03.dll to support 3320g,Xenon CCB |
| 52 | 08/22/2022 | 1.14.1.93 | Kavya | To support Granit XLR 1990i and 1991i Updated HWFlash03.dll to popup warnings when user is downgrading the firmware |
| 53 | 11/09/2022 | 1.14.1.93 | Kavya | To support 7990G |
| 54 | 11/09/2022 | 1.14.1.93 | Kavya | To support HH762 and HH1800 |
| 55 | 1/24/2023 | 1.14.1.94 | Kavya | To support Granit XLR 1991i |
| 56 | 3/24/2023 | 1.14.1.95 | Kavya | To support Xenon Ultra Corded 1960.  Updated HWFlash03.dll to improve Firmware update speed for Xenon Ultra1960 |
| 57 | 5/23/2023 | 1.14.1.95 | Kavya | To support HH1802 |
| 58 | 07/24/2023 | 1.14.1.96 | Kavya | To support Xenon Ultra Cordless 1962.  Updated HWFlash03.dll(1.23.1.51) to improve Firmware update speed for 1962 |
| 59 | 01/10/2024 | 1.14.1.97 | Kavya | To support CCB.  Updated HWFlash03.dll(1.23.1.52) to support flashing combination of 2 or more firmwares |
| 60 | 03/06/2024 | 1.14.1.98 | Kavya | [EWR-000-0000-392] Fix for Honeywell\_POS\_Suite and UPC-A check digit disable |
| 61 | 06/21/2024 | 1.14.1.99 | Kavya | Fix for EWR-023662 to identify MicroQR Code |

Document Distribution:

This document is placed in project repository at:  *OPOS\_1.14.1.99*

This document is shared as part of the release at this location: *<insert the path of release folder>*

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[F/w Flash Failure & loosing scanner BT connection with Base(while flashing firmware) in USB HID and serial in Dell Optiplex 780, Dell Optiplex 7010, Dell Optiplex GX620. 10](#_Toc66053886)

# Introduction

[Instruction text]

## Purpose

The release notes is a formal, approved document that defines the scope for the project team to qualify the application.

Specify the purpose of the document in this section.

## Scope

Recommended scope of the release notes is to test with all the features supported by OPOS

[EWR-023662] Fix for OPOS driver to identify MicroQRCode

Need to be tested in following operating systems

Windows 7(32 & 64), Windows XP (SP3), POSReady7(32), WIN-8 (64 bit), Windows 10(32 & 64), Windows 11

Need to cover following interfaces

USB Serial Interface, RS-232, HID

## Release Information

|  |  |
| --- | --- |
| Item | Details |
| Type of Release: | Release to EVT/Qual |
| Release Date: | 06/21/2024 |
| Release From: | S&PS Hyd |
| Release To: | HTS Qual |
| Server Details: | Location:  *OPOS\_1.14.1.99* |
|  |  |

Briefly describe the scope of this document. What project(s) it is associated with and anything else that is affected or influenced by this document.

## Terms, Acronyms and Abbreviations

List in this section any terms, acronyms, and abbreviations required for understanding this work product.

Below are the terms, acronyms, and abbreviations used within this document. Additional project-specific terms can be found in the project glossary [GLOS].

|  |  |
| --- | --- |
| Term, Acronym, Abbreviation | Definition |
|  |  |

## References

List in this section any external references and/or documents which are necessary to understand this work product.

|  |  |  |
| --- | --- | --- |
| Abbreviation | Reference Element | Description |

# Notices and Trademarks

NA

# Definitions of any Symbols

NA

# Information about the Software, Product or System

OPOS service object integrated with SDK 3.2.50 version

# Technical Assistance Contact Information

Name: Nikita Thakur

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# Release Contents

## Product Name and Model

|  |  |  |
| --- | --- | --- |
| Product Name | Version / Identification / Part no. | Description |
| OPOS | Version 1.14.1.99 |  |

## Component(s) and Part Number(s)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Component | | Version / Identification / Part no. | Size | | Remarks |
| OPOS Suite.exe | | 1.14.1.99 |  | | Installation setup. |
| HWHydraSO.dll | 1.14.1.99 | | | OPOS Service object | |
| Scanning SDK | Version 3.2.50 | | | Scanning SDK library | |
| HWFlash00.dll | | Version 1.23.1.33 |  | | Flash DLL for gen5 devices |
| HWFlash01.dll | | Version 1.20.1.27 |  | | Flash DLL for Voyager family devices |
| HWFlash02.dll | | Version 1.20.1.31 |  | | Flash DLL for 1300 device |
| HWFlash03.dll | | Version 1.23.1.52 |  | | Flash DLL for Xenon Phase 2 devices |
| HWFlash04.dll | | Version 2.1.1.25 |  | | Flash DLL for NGB device |

# Overview of Release

### New Features

1. [EWR-023662] Fix for OPOS driver to identify MicroQRCode

### Retired Features

None

### Compatibility

OS: Windows 7(32 & 64), Windows XP (SP3) ,POSReady7(32), WIN-8 (64 bit),WIN-10(32& 64)

Devices:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Model** | **Supported in UPOS** |  | **Xenon 1900 Area-Imaging Scanner** | Yes |
| **2020** | Yes |  | **Honeywell Access Point** | Yes |
| **3800gPDF** | Yes |  | **Xenon Charge & Communication Base** | Yes |
| **3800I** | Yes |  | **Voyager-1250** | Yes |
| **3800R** | Yes |  | **Voyager-1200** | Yes |
| **3820** | Yes |  | **Hyperion-1300** | Yes |
| **3820I** | Yes |  | **Xenon 1500 Area-Imaging Scanner** | Yes |
| **4206** | Yes |  | **Honeywell N5600 Series Area Image Engine** | Yes |
| **4236** | Yes |  | **Vuquest 3310 Area-Imaging Scanner** | Yes |
| **4600** | Yes |  | **Honeywell N8600 Series Area Image Engine** | Yes |
| **4600G** | Yes |  | **Voyager-CCB00** | Yes |
| **4800I** | Yes |  | **NGLE – N4300** | Yes |
| **4810WA** | Yes |  | **Voyager 1400 (Hi2D)** | Yes |
| **4820** | Yes |  | NGB | Yes |
| **4820I** | Yes |  | NGI cordless | Yes |
| **5010** | Yes |  | FRLE | Yes |
| **5080** | Yes |  | NGLE | Yes |
| **5110** | Yes |  | RIFLE | Yes |
| **5180** | Yes |  | 4850DR | Yes |
| **5380** | Yes |  | NGLE HD | Yes |
| **1450g** | Yes |  | Voyeger 1202G | Yes |
| **1452g** | Yes |  | Andaman 198Xi Cordless | Yes |
| **3800gHD** | Yes |  | Youjie JY-HH360 | Yes |
| **1900G** | Yes |  | Honeywell N3600 Series Area Image Engine | Yes |
| Camden 1202g-bf device | Yes |  | Honeywell Treasure Island 1602 Device | Yes |
| 198Xi Andaman Corded Device | Yes |  | 1602 Treasure Island 1D version | Yes |
| 1450G Lifou device | Yes |  | 1602 Treasure Island MFI | Yes |
| Honeywell N3600 Series Area Image Engine | Yes |  | WIN 10 EWR-16764 | Yes |
| BTRS | Yes |  | 1920i | Yes |
| 7190g/7120Plus | Yes |  | 1930 | Yes |
| 1932 | Yes |  | To support EWR-29467 | Yes |
| Xenon Power Corded | Yes |  | Xenon Power Cordless with Battery | Yes |
| Xenon Power Cordless – Battery Free | Yes |  | Voyager Power 1470 Area-Imaging Scanner | Yes |
|  |  |  | Voyager XP1472g Wireless Area-Imaging Scanner | Yes |
| 1900-C | Yes |  | 1900h-C | Yes |
| 1902-C | Yes |  | 1990iSR | Yes |
| 1991iSR | Yes |  | 1990iXR | Yes |
| 1991iXR | Yes |  | Honeywell HF680 | Yes |
| Honeywell HH490 | Yes |  | Genesis XP 7680GSR Presentation Scanner | Yes |
| Honeywell 1350g | Yes |  | Honeywell HF521 | Yes |
| Honeywell HH760 | Yes |  | Honeywell 3320g | Yes |
| Xenon CCB | Yes |  | Granit XLR 1990i | Yes |
| HH1800 | Yes |  | 7990G | Yes |
| HH762 | Yes |  | Granit XLR 1991i | Yes |
| Xenon Ultra 1960 | Yes |  | HH1802 | Yes |
| Xenon Ultra Cordless 1962 | Yes |  | CCB | Yes |

### Documentation Updates

NA.

### Smoke Test

Smoke Test conducted by: Nikita Thakur

Result of the test: Pass

### List of Issues Resolved

### List of Known Issues and Workarounds

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [UPOS-970](https://acsjira.honeywell.com/browse/UPOS-970) | NGB Aux flashing with bad file failed to reconnect | Flash DLL | Low |  |
| [UPOS-403](https://acsjira.honeywell.com/browse/UPOS-403) | Firmware upgrade fails if we open and close the Debug view during the firmware upgrade in progress | Flash DLL | Low |  |
| [UPOS-251](https://acsjira.honeywell.com/browse/UPOS-251) | Closing console log window will close the validation utility application | OPOS-SO Hydra | Low |  |
| [UPOS-1145](https://acsjira.honeywell.com/browse/UPOS-1145) | F/w Flash Failure & loosing scanner BT connection with Base(while flashing firmware) in USB HID and serial in Dell Optiplex 780, Dell Optiplex 7010, Dell Optiplex GX620. | Firmware | Low |  |
| ESTLD-3375 | [UPOS: Application needs to be relaunched when device is disconnected in the middle of flashing](https://acsjira.honeywell.com/browse/ESTLD-3375) | Low |  |  |
| [ESTLD-3376](https://acsjira.honeywell.com/browse/ESTLD-3376) | [UPOS applications are closing when we try to close the device immediately after firmware flashing](https://acsjira.honeywell.com/browse/ESTLD-3376) | Low |  |  |
| [ESTLD-3508](https://acsjira.honeywell.com/browse/ESTLD-3508) | [UPOS: EULA document is not updated as per latest branding guide lines](https://acsjira.honeywell.com/browse/ESTLD-3508) | Low |  |  |
| [ESTLD-3560](https://acsjira.honeywell.com/browse/ESTLD-3560) | [UPOS: In OPOS Validation utility "Clear input property" button is overlapped with "Control description" button but not affected in functionality](https://acsjira.honeywell.com/browse/ESTLD-3560) | Low |  |  |
| [ESTLD-3513](https://acsjira.honeywell.com/browse/ESTLD-4668) | [UPOS: Help documents in the UPOS applications is showing the old versions](https://acsjira.honeywell.com/browse/ESTLD-3513). | Low |  |  |
| [ESTLD-5479](https://acsjira.honeywell.com/browse/ESTLD-5479) | UPOS: DirectIO Imaging (BMP,TIFF) is giving Time out message in Rs232 interface | Low |  |  |
| [ESTLD-25355](https://acsjira.honeywell.com/browse/ESTLD-25355) | OPOS,JPOS:Application upgrade is failing for OPOS and JPOS builds | None |  |  |