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| PRODUCTS COVERED | FLEXPORTS 904XX AND 914XX |
| TITLE | FLEXPORT COMPATIBILITY |
| SUBTITLE | NON-SPACELABS DEVICE TO FLEXPORT COMPATIBILITY CHART |
| NUMBER | 077-0384-00 Rev J |
| DATE | APRIL 12, 2023 |

1 Purpose

Third Party Software Versions Validated with Spacelabs Flexport Products

2 Summary of changes

| REVISION | SUMMARY OF CHANGES |
|----------|---|
| A | Initial release |
| B | Removes the Arkon 91443A Flexport from the supported list. |
| C | Adds CIE Protocol Version 005 to the 91436B Flexport |
| D | Removes Spacelabs Sirius and Blease Flexports, 90519B, from the supported list. Masimo Flexport version 90442A-02 has been removed. The 90442A-03 now covers all Masimo product lines listed. The Oridan Vital Cap Microstream 90442A-02 also has been removed. |
| E | Adds Spacelabs Flexport 91436F, which interfaces with the third-party device, Medtronic/Covidien/Puritan Bennett PB840. The Flexport 91436F is compatible with newer software versions of the ventilator and is designed to be used with current generation of Spacelabs patient monitoring products. Flexports 91436A and 91438 have been removed. |
| F | Adds Flexport 91436F SW v1.00.02 that adds support for Puritan Bennett 980 ventilator. |
| G | Updates Flexport 91436F Software version to v1.00.03 |
| H | Adds Flexport 91439B Software version 1.00.02 with support for the Edwards Hemosphere |
| J | 91439B SW Version updated to 1.02.00 007 |

3 Background Information

The Spacelabs Flexport products allow presentation of non-Spacelabs medical device data as an additional parameter on your Spacelabs monitoring system. Each non-Spacelabs medical device software version uses a unique communication protocol to interact with your Spacelabs medical device. The purpose of the protocol is to present data in a specific predictable format.

The list below identifies third party software versions validated for use with the Spacelabs Flexport products. Any other third-party software version may not present data appropriately.

4 Procedure

| MANUFACTURER | MODEL | FIRMWARE VERSION | FLEXPOR MODEL | SPACELABS FIRMWARE VERSION |
|---------------------------------------|-----------------------------|--|---------------|----------------------------|
| BD/CareFusion/Viasys | Vela | 2.02.08 | 91436C | 1.00.02-002 |
| BD/CareFusion/Viasys | Avea | 3.9B | 91436C | 1.00.02-002 |
| Drager | Apollo/Primus/ Primus IE | V.4.50 (or4.51) Medibus 6.00 Medibus.X Enable | 91443C | 1.00.01 |
| Drager | Perseus | V.1.12 Operating System, Medibus.X Protocol | 91443C | 1.00.01 |
| Edwards | Vigilance II | V.0056 | 91439B | 1.00.01-002 |
| Edwards | Vigileo | V.01.10 | 91439B | 1.00.01-002 |
| Edwards | Hemosphere | v2.1 | 91439B | 1.02.00-007 |
| Edwards | EV1000 | V. 1.10 | 91439B | 1.00.01-002 |
| Edwards | EV1000 | v2.1 | 91439B | 1.02.00-007 |
| GE Healthcare | Engstrom Carestation | 5.05 | 91436E | 1.00.01-004 |
| GE Healthcare | Avance 5.0 | 5.0 | 91436D | 1.00.02-002 |
| Hamilton Medical | Galileo | 3.2 | 90436A-07 | 1.00.02 |
| Hamilton Medical | Raphael | 3.2 | 90436A-07 | 1.00.02 |
| Maquet | Servo | CIE Protocol Versions 003, 005 | 91436B | 1.00.05-001 |
| Masimo | Radical Pulse Oximeter | Masimo Set- V4.1.0.1.12 Handheld- R4.2.0.1.15 D-station (Radnet) R5.1.3.2 | 90442A-03 | 2.00.02EN |
| Medtronic/Covidien/Puritan Bennett | PB840 | 4-070212-85-AK | 90436A-15 | 1.00.06EN |
| Medtronic/Covidien/Puritan Bennett | PB840 | 4-070212-85-AK | 91436F | 1.00.03EN |
| Medtronic/Covidien/Puritan Bennett | PB980 | 8.1.1.4 | 91436F | 1.00.03EN |
| Pulsion | Picco I/Picco Plus | D7.0.7 (Demo Mode) | 90439 | 1.00.01 |
| Pulsion | Picco | 3.1.0.8A | 91439A | 1.00.00-013 |
| SenTec | Sentec | 7.02 | 90442A-03 | 2.00.02EN |

Please contact your Spacelabs Healthcare Representative to assist with any additional questions