

**CCSS Host - Device Compatibility Matrix
Version AQ**

SAP DIR Number: 20012631

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Kenneth Gilbert

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Date

D* SEE SAP DIR FOR CHANGE NUMBER, APPROVER NAME, AND DATE OF APPROVAL

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Rev	Description	Reason for Change	Author	Date [YYYY-MM-DD]
AM	Administrative Change	<p>For revision history prior to rev AM see rev AL for full history preserved in the MS word document.</p> <p>For Revision history of the compatibility matrix 60064367 see rev M of the PRJ compatibility matrix document.</p> <p>Combined 60064367 and 20012631 into one Excel-based document for Customer Care, Sales, Marketing, Repair, and Engineering persisted use of one common compatibility table.</p> <p>Added Directions Tab</p> <p>Updated CS UpgradeDowngrade tab for versions 1.8.1 through 1.8.4</p> <p>Colored CVSM specific tabs Green.</p> <p>Added Note in CVSM Upgrade-downgrade tab.</p> <p>Added Table of Contents.</p> <p>Added SERV KIT, SPO2 MODULE, - 103388NELLCOR (NELL3) to Service Kits tab.</p> <p>Added Table Keys to Device-CS Compatibility, CSUpgradeDowngrade, CVSM 2.44.00 Host Compatibility, CVSM Upgrade-Downgrade and CVSM Radio Compatibility Tab(s).</p> <p>Clarified IEC edition serial numbers in Parts and Service Kit tab to coincide with 20014675 and 80022414 and comments in notes sections.</p> <p>Updated Compatability for Timmy and ModPG throughout document per 60086069</p> <p>Updated 2.44.01 to CVSM Part Tabs.</p> <p>Updated ModPG Compatibility Tab and Parts Tab with 420420, Updated Service Kit Tab with 108610.</p> <p>Added Lined 50-81 on Service Kit Tab -M. Bell</p>	Matthew Bell	2021-09-03
AN	Administrative Change	<p>Changing Doc Type to SRP in SAP no data change in document.</p> <p>Updated Device Compatability tab for CVSM 1.71.03 -2.41 as optical scanning only starting with CS 1.8.2, and for CSM 1.1-1.2</p>	Matthew Bell	2021-10-08
	Administrative Change	Updated Document for CVSM Firmware 2.45	Matthew Bell	2021-11-08

AO	Changes due to new features in CVSM 2.45, ConnexCS 1.8.7 and Service Monitor 1.8	Updated the Device-CS Compatibility, CVSM 2.45.00- Host compatibility tables for new episodic save workflow, continuous encryption and service encryption features added to the CVSM 2.45, ConnexCS 1.8.7 and Service Monitor 1.8 version; Additionally new module entries showing compatibility for CVSM 2.45.00. Update to CO2 tab reflecting that only Medtronic 1.16 software together with CVSM 2.44.01 or greater is IEC 80601-2-55 compliant. Added clarity to CVSM-MCE Compatibility for 2.30.0x software and P5 boards relative to Newmar. Added additional rows/columns to CVSM Upgrade-Downgrade matrix for more clarity.	Avinash Kank / Tim Meier	2022-01-28
AP	Administrative Change	Created Rev AP per GDPM practices. Replace instances of 2.45.00 with 2.45.01	Matthew Bell	2022-02-04
AQ	Administrative Changes, plus some corrections	<p>Added Service Kits to MCE lines in Service kit tab. Added 107284 to Service Kits Tab Added OB Status to discontinued Masimo Service Kits in the Service Kit tab. Added 727889 to Masimo Tab CVSM Upgrade-Downgrade: Indirect 2.10 note added to 1.71.0x software because it applies there too</p> <p>CVSM- Nellcor SpO2 WUI Comp: Changed requirements for 412896 from 2.41.01 to 2.40.01 (typo) and fixed some of the asterisks. Also, Nelcor module 412896 not compatible with P2, because it requires 2.40.01 or greater software.</p> <p>CVSM-Radio Compatibility: Removed "(R)" designation from Lamarr software for 2.40.0x and later because when 2.40.0x came out, production included the Newmar radio</p>	Matthew Bell / Tim Meier	2021-02-22

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1. The Device-CS Compatability, CS UpgradeDowngrade, CVSM 2.45-Host compatability tabs
2. CVSM Centric tabs are colored in green.
2. To read the charts in this document start on the left side and move right.
3. CVSM Compatability of parts are Traced from part number to it's associated module firm

ware then from module firmware to CVSM MCE and/or Communications Module edition.

UPGRADE - Data and setting remain intact

To	1.5	1.6	1.7	1.7.1 CSAD	1.8	1.8.1	1.8.2	1.8.3	1.8.4	1.8.5	1.8.6	1.8.7
From												
1.5	-	Y	-	-	-	-	-	-	-	-	-	-
1.6	-	-	Y	-	-	-	-	-	-	-	-	-
1.7	-	-	-	Y	-	-	-	-	-	-	-	-
1.7 CSAD	-	-	-	-	Y ²	-	-	-	-	-	-	-
1.8	-	-	-	-	-	Y ²	-	-	-	-	-	-
1.8.1	-	-	-	-	-	-	Y ²	-	-	-	-	-
1.8.2	-	-	-	-	-	-	-	Y ²	-	-	-	-
1.8.3	-	-	-	-	-	-	-	-	Y ²	-	-	-
1.8.4	-	-	-	-	-	-	-	-	-	Y ²	-	-
1.8.5	-	-	-	-	-	-	-	-	-	-	Y ²	-
1.8.6	-	-	-	-	-	-	-	-	-	-	-	Y ²
1.8.7	-	-	-	-	-	-	-	-	-	-	-	-

KEY:	
Y	Yes
N	No
N/A	Non Standard Situation
-	Not Supported

DOWNGRADE - true downgrade including data, not a point-in-time recovery to before upgrade.

To	1.5	1.6	1.7	1.7.1 CSAD	1.8	1.8.1	1.8.2	1.8.3	1.8.4	1.8.5	1.8.6	1.8.7
From												
1.5	-	-	-	-	-	-	-	-	-	-	-	-
1.6	Y	-	-	-	-	-	-	-	-	-	-	-
1.7	-	Y ¹	-	-	-	-	-	-	-	-	-	-
1.7.1 CSAD	-	-	-	-	-	-	-	-	-	-	-	-
1.8	-	-	-	-	-	-	-	-	-	-	-	-
1.8.1	-	-	-	-	-	-	-	-	-	-	-	-
1.8.2	-	-	-	-	-	-	-	-	-	-	-	-
1.8.3	-	-	-	-	-	-	-	-	-	-	-	-
1.8.4	-	-	-	-	-	-	-	-	-	-	-	-
1.8.5	-	-	-	-	-	-	-	-	-	-	-	-
1.8.6	-	-	-	-	-	-	-	-	-	-	-	-
1.8.7	-	-	-	-	-	-	-	-	-	-	-	-

- 1- Data captured after the upgrade and data captured before the upgrade but was not sent to the EMR will not be available to be displayed
- 2- Indirect (forklift) upgrade only. Remote DB can be upgraded in-place but local DB will need to be migrated to new system before CS install. Settings will need to be manually migrated after CS install

	Vitals Record Push	Averaged BP Record Push	Pull	Clinician ID Query	Clinician Authentication	Patient ID Query	Patient List Request	Create Custom-Data.xml	Custom Scores	Custom Modifiers & Parameters	Patient Rest Mode	Phone Home	Remote Config	Upgrade Device Software	Single Sign On	ECG snapshot viewing and ECG sourced HR, RR and alarm	Time Synchronization	Episodic manual save allowed in continuous profile	Episodic connection encryption	Continuous connection encryption (DTLS)	Service connection encryption (TLS)			
VM 2.01	Y ^{4,7,10}	Y ⁴	Y ^{4,6}	Y	N	Y	Y	-	N	N	N	-	-	-	-	-	Y ¹⁷	N	-	-	-			
CS 1.5 ^a	Y	Y ⁴	-	Y	N	Y	Y	-	N	N	N	-	-	-	-	-	Y ¹⁷	N	N	N	-			
CS 1.6 ^a	Y	Y ⁴	-	Y	Y	Y	Y	-	Y ²	Y ²	Y	-	-	-	-	-	Y ¹⁷	N	N	N	-			
CS 1.7 ^a	Y	Y	-	Y	Y	Y	Y	-	Y ²	Y ²	Y	-	-	-	-	-	Y ¹⁷	N	N	N	-	Y	Yes	
CS 1.7.1 CSAD	Y ¹¹	Y ¹¹	-	Y ¹¹	Y ¹¹	Y ¹¹	Y ¹¹	-	Y ¹¹	Y ¹¹	-	-	-	-	-	-	Y ¹⁷	N	Y	N	-	N	No	
CS (1.8/1.8.1) ^a	Y	Y	-	Y	Y	Y	Y	-	Y ²	Y ²	Y	-	-	-	-	-	Y ¹⁷	N	Y	N	-	N/A	Non Standard Situation	
CS (1.8.2/1.8.3) ^a	Y	Y	-	Y	Y	Y	Y	-	Y ²	Y ²	Y	-	-	-	Y ¹³	-	Y ¹⁷	N	Y	N	-	-	Not Supported	
CS (1.8.5/1.8.6) ^a	Y	Y	-	Y	Y	Y	Y	-	Y ²	Y ²	Y	-	-	-	Y ¹³	Y	Y ¹⁷	N	Y	N	-	-		
CS (1.8.7) ^a	Y	Y	-	Y	Y	Y	Y	-	Y ²	Y ²	Y	-	-	-	Y ¹³	Y	Y ¹⁷	Y	Y	Y	-	-		
DC (4.0.0.20)	Y ¹⁰	Y ¹	-	Y	Y	Y	Y	-	Y	Y	N	-	-	-	-	-	Y ¹⁷	-	-	-	-	-	-	
DC (4.0.1.0)	Y ¹⁰	Y ¹	-	Y	Y	Y	Y	-	Y	Y	N	-	-	-	-	-	Y ¹⁷	-	-	-	-	-	-	
NCE (v5.0.0.8)	Y ¹⁰	Y	-	Y	Y	Y	Y	-	Y	Y	N	-	-	-	-	-	Y ¹⁷	N	-	N	-	-	-	
NCE (v5.1.x.v) ^b	Y	Y	-	Y	Y	Y	Y	-	Y	Y	N	-	-	-	-	-	Y ¹⁷	N	-	N	-	-	-	
NCE (v5.1.0.16)	Y	Y	-	Y	Y	Y	Y	-	Y	Y	N	-	-	-	Y ¹³	Y ¹⁸	Y ¹⁷	N	Y	N	-	-	-	
NCE (v5.2.0.2)	Y	Y	-	Y	Y	Y	Y	-	Y	Y	N	-	-	-	Y ¹³	Y ¹⁸	Y ¹⁷	N	Y	N	-	-	-	
SDK (old, 2.4)	-	-	Y ^{4,6}	-	-	-	-	-	-	-	-	-	-	-	-	-	Y ^{14,17}	-	-	-	-	-	-	
SDK (new, 3)	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	Y ^{14,17}	-	-	-	-	-	-	
WAST (1.7.0.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	Y ⁵	-	-	-	-	-	-	-	-	-	Assumes PMP plugin version 1.2.1.5
WAST (1.7.0.27/1.8.0.0/1.8.2.0/1.10)	-	-	-	-	-	-	-	-	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	Assumes PMP plugin version 1.2.2.0 or later
SM 1.1	-	-	-	-	-	-	-	-	-	-	-	Y ¹²	N	-	-	-	-	-	-	-	-	-	N	
SM (1.2/1.3/1.3.1.0/1.4)	-	-	-	-	-	-	-	-	-	-	-	Y ¹²	Y	-	-	-	-	-	-	-	-	-	N	
SM (1.8) ^c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Y	
Excel/XML schema 1.00.00	-	-	-	-	-	-	-	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XML CDXB/XML Schema 2.00.00, 2.01.00	-	-	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Online Config Tool v1.8.4/XML Schema 2.01.01	-	-	-	-	-	-	-	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Network Time Protocol (NTP) Host ^d	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Y	-	-	-	-	-	-	-
Active Directory ^e	-	-	-	Y	Y	-	-	-	-	-	-	-	-	-	N	-	-	-	-	-	-	-	-	-
Direct EMR Connection (HL7) ^{c,d}	Y ¹⁰	Y ³	-	Y ¹⁶	Y ^{15,16}	Y	-	-	Y	Y	N	-	-	-	-	-	-	-	-	-	-	-	-	-

- Needs new transform
- Data may not appear in Flowsheet depending on what is configured in CS per covered area
- Averaged BP reading (in a session or as a standalone object) will look like a normal BP reading without the contributing NIBP readings, and Method = auto-measurement
- Averaged BP reading (in a session or as a standalone object) will look like a normal BP reading without the contributing NIBP readings, and Method = UNKNOWN
- Will not work if customdata.xml file is loaded
- Cannot pull custom modifiers with their associated parameter, custom parameters, or custom scores
- Pushing custom modifiers/parameters/scores causes log entry at CS, and unknown objects are lost
- Can only get custom data via pulling the session. Can't get custom modifiers by pulling a single parameter
- Any IPI in the episodic records will be dropped by ECS on the host
- Continuous profile streaming and workflow are not supported
- CS 1.7.1 AD is a headless server without workstations. CS 1.7.1 AD only supports devices in episodic profiles and does not support continuous devices. Data will be saved in database and sent to EMR.
- Service Monitor will not put config file, which lists device modules and FW versions, into the OutBox for transfer to Axeda if CVSM is in Spot LXI emulation mode.
- Single sign on requires host connection to an Imprivata server for clinician authentication
- SDK pushes time synchronization down to the device as opposed to other hosts which pull the value
- Whether or not a Direct EMR Connection (HL7) host supports Clinician Authentication is really dependent on that host. The Clinician Query features supported by this interface allow for it, but that doesn't guarantee the host will support it
- When Direct EMR Connection (HL7) is enabled, Clinician Query (and potentially Clinician Authentication - see 15), will be routed through HL7 only if Active Directory is disabled
- Time Synchronization when using a WACP host is part of the WACP interface, and is not a new function. This column was added primarily to identify the feature offered by an NTP host
- NCE does support ECG snapshot data only supports numeric HR/PR readings and alarms

- CVSM/CIWS device without ECG module connected. CS will reject the connection if ECG module is connected to CVSM
- Does not include version 5.1.0.16, which has a separate row
- When Direct EMR Connection (HL7) is enabled, no WACP connection aside from a service connection will be available (i.e. NTP is required for time sync, and HL7 or Active Directory is required for Clinician query and/or authentication)
- The use of this host for its supported functionality automatically disables the support of at same functionality through a WACP interface.
- No development plan leading to release for Service Monitor 1.8

Host List		
SM 1.1	1.1	Phone home only
SM 1.2	1.2	+Remote Config
SM 1.3	1.3	+Remote Config
Excel XML Creator	Schema 1.00.00	CVSM 2.10.00
XML Creator Tool (XML CDXB)	Schema 2.00.00	CVSM 2.20.0x
XML Creator Tool (XML CDXB)	Schema 2.01.00	CVSM 2.30.0x/2.40.0x
Online Config tool v1.8.4	Schema 2.01.01	CVSM 2.41.00
WAST	1.7.0.0	
WAST	1.8.0.0/1.8.2.0	
DataCatcher	4.0.0.20	
DataCatcher	60051669	
DataCatcher	4.0.1.0	
NCE	v5.2.0.2	
SDK	2.4	Old
SDK	3	New
VM	2.01	Includes push and pull model variants

These hosts are out!	
VM	2.0
VM	1.1

*

Upgrade/Downgrade Path

To

*NOTE: Please Review the CVSM - MCE Compatibility Tab prior to upgrading the Firmware from this table.

CVSM Software	1.71.0x (x=3, 4)	2.00.00 / 2.00.05	2.10.00	2.20.0x	2.30.0x	2.40.0x	2.41.00	2.42.0x	2.43.00	2.43.02	2.44.00	2.44.01	2.45.01
1.71.0x (x=3, 4)	-	N/A	Yes	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)
2.00.00 / 2.00.05	N/A	-	Yes	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)	Yes/Indirect (upgrade to 2.10.00 first)
2.10.00	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2.20.0x	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2.30.0x	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2.40.0x	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2.41.00	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes
2.42.0x	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes
2.43.00	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes
2.43.02	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes
2.44.00	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
2.44.01	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes
2.45.01	Yes/Indirect (downgrade to 2.10.00 first)	Yes/Indirect (downgrade to 2.10.00 first)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-

N/A = Never going to happen. Do not test.

From

KEY:	
Y	Yes
N	No
N/A	Non Standard Situation
-	Not Supported

		Lamarr								
		3.00.05*	3.00.04*	3.00.03	3.00.02	3.00.01	2.30.03	2.30.02	2.30.00	2.20.00
CVSM	2.44.00 and higher	Yes	Yes	Yes	Yes		Yes ¹			
	2.43.0x	Yes	Yes	Yes	Yes		Yes ¹			
	2.42.0x	Yes	Yes	Yes	Yes		Yes ¹			
	2.41.00	Yes	Yes	Yes	Yes		Yes ¹			
	2.40.0x	Yes	Yes	Yes	Yes		Yes ¹			
	2.30.0x			(R) Yes	Yes		Yes			
	2.20.0x				(R) Yes					
	2.10.00				(R) Yes					
	2.00.05				(R) Yes					
	2.00.00					(R) Yes				
	1.71.0x						(R) Yes			
< 1.71.03			N/A	N/A	N/A	N/A	N/A	N/A	N/A	

		Newmar	
		2.00.01 A0001	2.00.00
CVSM	2.44.00 and higher	(R) Yes	Yes
	2.43.00	(R) Yes	Yes
	2.42.0x	(R) Yes	Yes
	2.41.00	(R) Yes	Yes
	2.40.01	(R) Yes	Yes
	2.40.00		(R) Yes
	2.30.0x		
	2.20.0x		
	2.10.00		
	2.00.05		
	2.00.00		
1.71.0x			
< 1.71.03	N/A	N/A	

KEY:	
Y	Yes
N	No
N/A	Non Standard Situation
-	Not Supported

Key:
(R) = Radio version at time of CVSM release
BOLD = Requested in MRD

Note: Unless otherwise noted, any Lamarr radio software version more recent than the version a particular version of CVSM software was released with is compatible with that version of CVSM software. This table does **not** reflect the combinations of CVSM and Lamarr software used in current production or service activities.

1 - Lamarr 2.30.03 **does not** support using server authentication or DNS lookup
* - Service only releases

Radio Card	MCE Board						Comments **Obsolete
	P2** 406249/407520 Second Edition	P3** 407574/407574-02 Second Edition	P4 N/A	P5** 407574-04/407574-05/407574-06 Third Edition	P6M N/A	P6W 407574-08 Fourth Edition	
406090	Y	Y	-	-	-	-	Lamarr
409594	Y	Y	-	-	-	-	Lamarr
410910	-	-	-	Y	-	Y	Newmar

Part Number	Description
406249	P2 MCE
407520	P2 MCE
407574	P3 MCE
407574-02	P3 MCE
407574-04	P5 MCE
407574-05	P5 MCE
407574-06	PCA:PLFM, Med Compute Engine
407574-08	PCA:PLFM, Med Compute Engine
408498	PCA: PLFM COMMS MODULE BASIC PATT F
408499	PCA: PLFM COMMS MODULE STANDARD PATT F
410389-04	PCA, COMMS MODULE DELUXE
407523	PCA: PLFM COMMS MODULE BASIC PATT E
407524	PCA: PLFM COMMS MODULE STANDARD PATT E
407404	PCA: PLFM COMMS MODULE STANDARD PATT D
406271	PCA: PLFM COMMS MODULE STANDARD PATT D
406270	PCA: PLFM COMMS MODULE BASIC PATT D
405672	MODULE ASSY, MODPG

405701	SURETEMP MODULE ASSY, MMF
713654	MODULE ASSY SPO2 MASIMO MX
408259	MODULE ASSY, ETCO2, ORIDION
412721	ECG MODULE, USB, PATIENT CABLE 3L IEC
412722	ECG MODULE, USB, PATIENT CABLE 3L AHA
412723	ECG MODULE, USB, PATIENT CABLE 5L IEC
412724	ECG MODULE, USB, PATIENT CABLE 5L AHA
405794	POWER SUPPLY, 60W
405705	ASSY, PRINTER, PLATFORM, 2IN
408184	ASSY, PRINTER, PLATFORM, 2IN
411695-01	ASSY, PRINTER, PLATFORM, 2" W/GND HARNESS
405883	ASSY, LCD WITH TOUCHSCREEN 8.9"
411161	ASSY, NVD 9" LCD AND TOUCH SCREEN
720010	EARLY SENSE MODULE
406370	PCA: PLFM POWER BUTTON FLEX PATT B
409291	PCA: PLFM POWER BUTTON FLEX PATT B
412517	PCA: PLFM POWER BUTTON FLEX PATT D
406170	PCA, BATTERY CONNECTOR PATTERN B, MMF
712791	ALARM, LIGHT BAR - MMF
713541	HARNESS, LIGHT BAR, MMF
406141	PCA: PLFM LED LIGHT BAR
412082	PCA: PLFM POWER BUTTON FLEX PATT C
724561	FRAME, LCD-CVSM W/GND
412406	SURETEMP MODULE ASSY, MMF_3 ED
412568	SURETEMP MODULE ASSY, CIWS_3rd ED
726347	MODULE ASSY, MASIMO MX5-2.1.1
411936	CHASSIS, MACHINED, CIWS, 3RD EDITION
725587	Label, Nurse call (CVSM)
411695	ASSY, PRINTER, PLATFORM, 2" W/GND HARNESS
411821	HARNESS, AC-IN TO PWR SUPPLY, CVSM
411824	HARNESS, AC-IN TO PWR SUPPLY, CIWS
411822	HARNESS, LCD FRAME TO CHASSIS, CVSM
411823	HARNESS, LCD GND, CVSM (installed to LCD display in kit)
725318	COPPER FOIL TAPE (installed to LCD display in kit)
411825	HARNESS, LCD GND, CIWS (installed to LCD display in kit)
724363	USB cable separator 9 position
724500	Ethernet cable 20 inch
405712	MODULE ASSY SpO2, NELLCOR
725585	CVSM PRODUCT LABEL, 3RD EDITION
412896	MODULE ASSY SpO2, NELLCOR, 4th
412897	MODULE ASSY, ETCO2, ORIDION, 4th
727294	HOUSING, MAIN, NEWMAR, PW (CIWS)
413023	Radio, 2.00.01, prov,802.11a/b/g/n, Newmar
410389-04	PCA, COMMS MODULE DELUXE (Newmar)
411590	PCA:Antenna Dual Band 802.11 A/B/G/N (Newmar)
723627	ANTENNA, COAX, 175mm, OPP ENDS (Newmar)

412082	PCA: PLFM POWER BUTTON FLEX PATT C
412574	MODULE ASSY, MODPG_4th ED
412688	SURETEMP MODULE ASSY, MMF_4th ED
412687	SURETEMP MODULE ASSY, CIWS_4th ED
727889	MODULE ASSY MASIMO MX5 4th EDITION
725811	NOMEX ESD SHIELD, CVSM PWR SUPPLY
724561	FRAME, LCD-CVSM W/GND
411936	CHASSIS, MACHINED, CIWS, 3RD EDITION
725587	Label, Nurse call (CVSM)
719414	POWER SUPPLY, 60 WATT - FRIWO
411695	ASSY, PRINTER, PLATFORM, 2" W/GND HARNESS
411821	HARNESS, AC-IN TO PWR SUPPLY, CVSM
411824	HARNESS, AC-IN TO PWR SUPPLY, CIWS
411822	HARNESS, LCD FRAME TO CHASSIS, CVSM
411823	HARNESS, LCD GND, CVSM (installed to LCD display in kit)
725318	COPPER FOIL TAPE (installed to LCD display in kit)
411825	HARNESS, LCD GND, CIWS (installed to LCD display in kit)
724363	USB cable separator 9 position
724500	Ethernet cable 20 inch
725692	Early Sense Module w/EMI shield (CVSM)
420502	C02 Module
713510	AC to Power Supply Harness
411821	HARNESS, AC-IN TO PWR SUPPLY, CVSM
406090	PLFM RADIO CARD, UNPROV, 802.11A/B/G (Lamarr)
409594	PLAT RADIO 3.00.02,PROV SPI,802.11a/b/g (Lamarr)
410910	PLAT RADIO 3.00.03,PROV SPI,802.11A/B/G (Newmar)
420941	ASSY, PNEUMATICS, CVC
774625	MODULE ASSY MASIMO MX-7

Status	2nd Edition* CVSM and CIWS: Serial numbers prior to 100043244817	3rd Edition* CVSM: 100043244817 to 100072205218 CIWS: 100023374817 to 100025445218
OB	X	
OB	X	
QU	X	
OB	X	
OB		X
OB		X
OB		X
QU		X
QU	X	
QU	X	
QU		X
QU	X	
QU	X	
QU	X	
QU	X	
QU	X	
OB	X	

QU	X	
OB	X	X
OB	X	X
QU		X
QU		X
QU		X
QU		X
QU	X	
OB	X	
DC	X	
QU		X
OB	X	
QU		X
DC	X	X
DC	X	
QU	X	
QU	X	X
QU	X	X
QU	X	X
QU	X	X
OB		X
QU		X
OB		X
OB		X
OB	X	X
QU		X
QU		X
OB		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU	X	X
QU		X
QU		X
QU		X
QU	X	X
QU	X	X
QU		X
QU		X
OB		X
QU		X

OB	X	X
QU	X	X
QU	X	X
QU	X	X
QU	X	X
QU		
QU	X	X
QU	X	X
QU	X	X
QU		X
OB		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU		X
QU	X	X
QU	X	X
QU	X	
QU		X
QU	X	
QU	X	
QU		X
QU	X	X
QU		X

JARDS ONLY

Material	Material Description	X-plant matl status
103573	VSM 6000 LCD FRAME	QU
104269	SK,CHASSIS, PW	QU
105362	SERV KIT, VSM6000, LABELS, 6700, 6800	QU
105480	SERV KIT, EARLY SENSE MODULE	QU
105504	Serv Kit, Extended Chassis Upgrade	QU
105611	SERV KIT, CVSM, ES MODULE W/ Bed SENSOR	QU
105792	ORIDION CO2 + EXT CHAS UPGD KIT	SO
105793	ORIDION CO2, EXT CHAS,NEL SPO2 UPGD KIT	QU
106821	SK, CVSM, POWER SUPPLY 3rd Ed	QU
106822	SK, CVSM PRINTER MODULE 3rd Ed	QU
106823	SK CVSM AC Power Harness 3rd Ed	QU
106824	SK CVSM LCD FRAME TO CHASSIS HARNESS 3rd	QU
106825	SK CVSM LCD DISPLAY 3rd Ed	QU
106826	SK CIWS AC Power Harness 3rd Ed	QU
106827	SK CIWS, 9"LCD DISPLAY 3rd Ed	QU
106829	SK CIWS POWER SUPPLY 3rd Ed	QU
106831	SK CVSM/CIWS USB Cable Separator 3rd Ed	QU
106832	SK CVSM/CIWS ETHERNET CABLE 20" 3rd Ed	QU
106835	SK CVSM EXTENDED CHASSIS UPGRADE 3RD ED	QU
106838	SK CVSM EARLY SENSE MODULE 3RD ED	QU

106839	SK, CVSM/CIWS, MAINBOARD MCE 3rd Ed	QU
106840	SK CVSM, REAR HOUSING 4th Ed	QU
107123	SERV KIT, PS ESD SHIELD	QU
107124	SERV KIT, CVSM, SpO2 MOD, NELLCOR 4th ED	QU
107166	SERV KIT, PLFM COMMS PCBA, NEWMAR	QU
107167	SERV KIT, CVSM, NEWMAR ANTENNA	QU
107168	SERV KIT, CIWS, NEWMAR ANTENNA	QU
107169	SERV KIT, CVSM NEWMAR RADIO	QU
107170	SERV KIT, CIWS, NEWMAR RADIO	QU
107171	SERV KIT, CVSM NEWMAR UPGRADE	QU
107172	SERV KIT, CIWS NEWMAR UPGRADE	QU
107231	SK, CVSM/CIWS MAINBOARD MCE WINBOND	QU
107256	SERV KIT,CVSM,R SIDE PNL W/PWR BTN 4thED	QU
107257	SERV KIT, CIWS MAIN HOUSING ASY 4thED	QU
107258	SERV KIT, CVSM, SURETEMP MODULE 4thED	QU
107259	SERV KIT, CIWS, SURETEMP MODULE, 4thED	QU
107280	SERV KIT, CIWS, MODPG MODULE ASSY, 4thED	QU
107281	SERV KIT, CVSM, MODPG MODULE ASSY, 4thED	QU
107282	SERV KIT, CVSM, SPO2 MOD, MASIMO 4th ED	QU
107283	SERV KIT, CVSM, MASIMO SpHb, MOD 4thED	OB

107284	SERV KIT,CIWS ASSY SPO2 MASIMO MX 4thED	QU
107285	SERV KIT, CVSM, MAS MOD SpHb, REPR 4thED	OB
107286	SERV KIT, CIWS, MAS MOD SpHb, REPR 4thED	OB
107288	UPGD KIT, MASIMO MOD SpO2 & RRA 4thED	OB
107289	SERV KIT, MASIMO MOD SpO2,RRA REPR 4thED	OB
107290	SERV KIT, ORIDION CO2 MODULE 4thED	QU
103388	SERV KIT, SPO2 MODULE, NELLCOR (NELL3)	SO
108610	SRV KIT, NIBP PUMP ASSEMBLY,ROHS3	QU
103395	SERV KIT, VSM6000, SCREWS AND FASTENERS	QU
106193	SERV KIT CVSM HOUSING TEMPLESS	SO
106194	SERV KIT CVSM HOUSING SURETEMP	SO
103544	VSM 6000 LIGHT BAR	QU
103550	PLFM LIGHT BAR LED BOARD	QU
103351	SERV KIT, PLFM, DISPLAY	DC
103569	VSM 6000 LIGHT BAR HARNESS	QU
104027	BRAUN DOCK CRADLE RING	QU
103577	VSM 6000 TEMP ACCESS COVER	QU
104028	BRAUN DOCK BASE	QU
104912	SERV KIT, ORIDION CO2 MODULE FACEPLATE	QU
105637	SERV KIT EARLYSENSE AEC-00105 CABLE	QU
105948	SRV KIT, BRAUN PRO 6000 THERMOMETER	QU
106320	SERV KIT VSM6000 COMMS DOOR	QU
106462	VSM 6000 LCD BEZEL, NVD 9.0"	QU
106512	SERVICE KIT ECG MODULE USB CABLE	QU
106743	BRAUN PRO 6000 DOCK	QU
106834	IT, CVSM BOTTOM HOUSING 3rd Ed	QU
103353	SERV KIT, VSM6000, LED LIGHT BAR	QU
6000-CBL3A	PATIENT CABLE 3L AHA	QU
6000-CBL3I	PATIENT CABLE 3L IEC	QU
6000-CBL5A	PATIENT CABLE 5L AHA	QU
6000-ECG3A	ECG Module, USB, PATIENT CABLE 3L AHA	QU
6000-ECG3I	ECG MODULE, USB, PATIENT CABLE 3L IEC	QU
6000-ECG5A	ECG MODULE, USB, PATIENT CABLE 5L AHA	QU
6000-ECG5I	ECG MODULE, USB, PATIENT CABLE 5L IEC	QU
105294	OFFICE PROFILE LICENSE	QU
105363	CONTINUOUS PROFILE LICENSE	QU
105364	CVSM 6700/6800 STANDARD LICENSE	QU
105870	MOTION PULSE AND RESPIRATION LICENSE	QU
103910	CVSM MODEL 6300 STANDARD LICENSE	QU
103371	BAR CODE READER LICENSE	QU
103372	SPOT PROFILE LICENSE	QU
103373	TRIAGE PROFILE LICENSE	QU
103911	CVSM MODEL 6400/6500 STANDARD LICENSE	QU
104560	SERV KIT,PLFM RADIO	QU
108610	SRV KIT, NIBP PUMP ASSEMBLY,ROHS3	QU
107284	SERV KIT,CIWS ASSY SPO2 MASIMO MX 4thED	QU

2nd Edition* CVSM and CIWS: Serial numbers prior to 100043244817	3rd Edition* CVSM: 100043244817 to 100072205218 CIWS: 100023374817 to 100025445218
--	--

X	X
X	X
X	X
X	X
X	X
X	X
X	X
	X
	X
	X
	X
	X
	X
	X
	X
	X
	X
	X
	X
	X
	X
	X
	X
X	X

4th Edition**

CVSM: 100072205218 and above
CIWS: 100025445218 and above

Notes

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X	
X	
X	
X	
X	
X	Starting from 407574/407574-02 2nd edition MCE BOARDS ONLY
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	2.42.X AUTO ENABLED
X	
X	

*CVSM and CIWS hardware and software has been modified to comply with IEC 60601 3rd Edition. All CVSM and CIWS software will be harmonized starting with host software version 2.30.01.

**All IEC 60601-1-1-2 4th edition compliant devices must be maintained with 4th edition compliant materials. All CVSMs manufactured from serial number 100072205218 and later and all CIWS manufactured from serial number 100025445218 and later will be serviced as 4th edition compliant devices

		MCE Board Version					Comments ** Obsolete	
		P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A	P5** 407574-04/407574-05/407574-06 Third Edit.	P6M N/A		P6W 407574-08 Fourth Edit.
CVSM Version	CVSM/CIWS 2.44.00 and higher	-	Y	N/A	Y	-	Y	P6M = Micron NAND flash P6W = Winbond NAND flash
	CVSM/CIWS 2.43.02	-	Y	N/A	Y	-	Y	
	CVSM/CIWS 2.43.00	-	Y	N/A	Y	-	Y	
	CVSM/CIWS 2.42.0x	-	Y	N/A	Y	-	Y	
	CVSM/CIWS 2.41.00	-	Y	N/A	Y	-	Y	
	CVSM/CIWS 2.40.0x	-	Y	N/A	Y	-	-	Support for Newmar radio
	CVSM/CIWS 2.30.0x	-	Y	N/A	Y***	-	-	
	CVSM/CIWS 2.20.03	-	Y	N/A	-	-	-	Maint. release to fix Lamarr password issue
	CVSM/CIWS < 2.20.03	-	Y	N/A	-	-	-	Note: 2.20.02 was never released being an alpha was sent to field support to debug an issue and we don't want to risk confusing version numbers.
	CVSM/CIWS 1.71.04	Y	Y	N/A	Y	-	-	
CVSM/CIWS < 1.71.04	Y	Y	N/A	-	-	-	Boards get programed with 1.71.03 at the board house (main and bootloader). * Board house will need 1.71.05 PIM file for P5 board support.	
CVSM/CIWS 1.00.00	Y	Y	N/A	-	-	-	NAND flash currently gets preprogrammed with 1.00.00 with this version of the bootloader. * NAND flash image will need to be updated with 1.71.05 bootloader image for P5 board support.	

Key	
Y	Supported
-	Not Supported

Notes:
P2 boards are not compatible with 2.0 or higher because the HW does not meet the reliability needed for continuous monitoring.
P4 boards were never released.
*** 2.30.0x software supports P5 boards, but does not support Newmar radio. Newmar support starts with 2.40.0x

+

CVSM Version	408498 Basic	
	CVSM/CIWS 2.44.00 and higher	-
	CVSM/CIWS 2.43.02	-
	CVSM/CIWS 2.43.00	-
	CVSM/CIWS 2.42.0x	-
	CVSM/CIWS 2.41.00	-
	CVSM/CIWS 2.40.0x	-
	CVSM/CIWS 2.30.0x	-
	CVSM/CIWS 2.20.03	Y
	CVSM/CIWS < 2.20.03	Y
	CVSM/CIWS 2.10.00	Y
	CVSM/CIWS 1.71.04	Y
	CVSM/CIWS < 1.71.05	Y
CVSM/CIWS 1.00.00	Y	

Key	
Y	Supported
-	Not Supported

Notes:

Comms Module	MCE Board	
	P2** 406249/407520 Second Edit.	
	408498 Basic	Y
	408499 Deluxe	Y
	410389-04 Standard	-
	407523 Basic	Y
	407524 Standard	Y
	407404 Standard	Y
	406271 Standard	Y
406270 Basic	Y	

Communication Module

407523 Basic	406270 Basic	407524 Standard	406271 Standard	407404 Standard
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y



P3** 407574/407574-02 Second Edit.	P4 N/A	P5 407574- 04/407574- 05/407574-06** Third Edit.	P6M N/A	P6W 407574-08 Fourth Edit.
Y	-	-	-	-
Y	-	-	-	-
-	-	Y	-	Y
Y	-	-	-	-
Y	-	-	-	-
Y	-	-	-	-
Y	-	-	-	-
Y	-	-	-	-

		ModPG Module		
		405672	412574	420420
ModPG Version	Mod PG V1.00	Y	-	-
	Mod PG V2.00	Y	-	-
	Mod PG V2.02	Y	-	-
	Mod PG V2.03	-	-	-
	Mod PG V2.05	Y	-	-
	Mod PG V2.06	-	Y	Y
	Mod PG V2.07	-	Y	Y

Key	
Y	Supported
-	Not supported

Notes:

		Modf		
		V1.00	V2.00	V2.02
CVSM	2.45.01	-	-	-
	2.44.01	-	-	-
	2.44.00	-	-	-
	2.43.02	-	-	-
	2.43.00	-	-	-
	2.42.0x	-	-	-
	2.41.00	-	-	-
	2.40.0x	-	-	-
	2.30.0x	-	-	-
	2.20.0x	-	-	-
	2.10.00	-	-	-
	2.00.05	-	-	-
	2.00.00	-	-	-
	1.71.04	-	-	-
	1.71.03	-	-	-
	1.71.02	-	Y	Y
	1.71.00	-	Y	Y
	1.70.04	-	Y	Y
	1.70.03	-	Y	Y
	1.70.02	-	Y	Y
1.70.00	-	Y	Y	

	1.50.02	-	Y	Y
	1.50.01	-	Y	Y
	1.00.00	-	Y	Y

MCE Board				
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	P2** 406249/407520 Second Edit.	P3** 407574/40757 4-02 Second Edit.	P4 N/A	P5 407574- 04/407574- 05/407574- 06** Third Edit.
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ModPG Module	405672	Y	Y	-	-
	412574	Y	Y	-	Y
	420420	Y	Y	-	Y
	420941			-	

Comments

PG Version			
V2.03	V2.05	V2.06	V2.07
-	Y	Y	Y
-	Y	Y	Y
-	Y	Y	Y
-	Y	Y	Y
-	Y	Y	Y
-	Y	Y	Y
-	Y	Y	Y
-	Y	Y	Y
-	Y	Y	Y
-	Y	Y	-
-	Y	-	Y*
-	Y	Y*	-
-	Y	-	-
-	Y	-	-
-	Y	-	-
-	Y	-	-
-	Y	Y	-
-	Y	-	Y
Y	Y	-	-
Y	-	-	-
Y	Y	-	-
Y	Y	-	-
Y	-	-	-
Y	Y	-	-

V2.07 = Bas
V2.06 = Bas
V2.05 = Bas
V2.03 = Bas
V2.02 = Bas
V2.00 = Bas

Black bold |
Blue letters
* - Only tes
Red letters
* - Only tes

Y	-	-	-
Y	-	-	-
Y	-	-	-

		Comments
P6M N/A	P6W 407574-08 Fourth Edit.	**Obsolete
-	-	
-	Y	
-	Y	
-		

letters in the chart indicated data taken from corresponding CVSM SRN documents

		SureTemp Module		
		405701	412406	412688
SureTemp Version	SureTemp V2.01	-	-	-
	SureTemp V2.02	Y	-	-
	SureTemp V2.03	-	-	-
	SureTemp V2.04	-	-	-
	SureTemp V2.05	-	-	-
	SureTemp V2.07	-	Y	Y
	Suretemp V2.08	Y	Y	Y
	Key			
	Y	Supported		
	-	Not Supported		

Notes:

*Per 60089516 - The 4th Edition SureTemp module IS backward compatible if use

*Per 60089516 - SureTemp version 2.08 is only required for 4th edition IEC 60601 required to be upgraded. When upgrading from version 2.02 to 2.08 SureTemp m

		SureTemp V		
		V2.01	V2.03	V2.04
CVSM Firmware	2.45.01	-	-	-
	2.44.01	-	-	-
	2.44.00	-	-	-
	2.43.02	-	-	-
	2.43.00	-	-	-
	2.42.0x	-	-	-
	2.41.00	-	-	-
	2.40.0x	-	-	-
	2.30.0x	-	-	-
	2.20.0x	Y	Y	Y
	2.10.00	Y	Y	Y
	2.00.05	Y	Y	Y
	2.00.00	Y	Y	Y
	1.71.0x	Y	Y	Y
	< 1.71.03	Y	Y	Y

MCE Board

		P2** 406249/407520 Second Edit.	P3** 407574/407574- 02 Second Edit.	P4 N/A	P5 407574- 04/407574- 05/407574-06** Third Edit.
SureTemp Module	405701	Y	Y	-	-
	412406	-	-	-	Y
	412688	Y	Y	-	Y
	412568	-	-	-	Y
	412687	Y	Y	-	Y

Comments

for repair an older 2nd or 3rd Edition device.
 compliance. Pre 4th edition devices are not
 must first be upgraded to 2.05

Version		
V2.05	V2.07	V2.08
-	Y	Y
-	Y	Y
-	Y	Y
-	Y	Y
-	Y	Y
-	Y	Y
-	Y	Y
-	Y	Y
-	Y	Y
Y	-	Y*
Y	-	Y*
Y	-	Y*
Y	-	Y*
Y	-	Y*
Y	-	Y*
Y	-	-

P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
-	-	
-	Y	
-	Y	
-	Y	
-	Y	

		405840	726347
Masimo Version	Masimo V2.0.7	-	-
	Masimo V2.0.9	-	-
	Masimo V2.1.0	-	-
	Masimo V2.1.1	-	Y
	Masimo V1.0.4	Y	-
	Masimo V1.0.8	Y	-
	Masimo V1.0.10	Y	-

Key	
Y	Supported
-	Not Supported

Notes:

		V1.0.4	V1.0.8
CVSM Firmware	2.45.01	Y	-
	2.44.01	Y	-
	2.44.00	Y	-
	2.43.02	Y	-
	2.43.00	Y	-
	2.42.0x	Y	-
	2.41.00	Y	-
	2.40.0x	Y	-
	2.30.0x	Y	-
	2.20.0x	Y	-
	2.10.00	Y	-
	2.00.05	Y	-
	2.00.00	Y	-
	1.71.0x	Y	-
	1.70.0x	Y	-

Masimo Module		P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A
	713654	Y	Y	-
	726347	-	Y	-
	727889	Y	Y	-
	774625	-	Y	-

Masimo Module

713654	717769	721463	727889	774625
-	-	-	-	-
-	Y	-	-	-
-	Y	Y	Y	Y
-	-	-	Y	Y
-	-	-	Y	Y
-	-	-	-	-
Y	-	-	-	-

Masimo Version

V1.0.10	V2.0.7	V2.0.9	V2.1.0	V2.1.1
-	-	Y	Y	Y
-	-	Y	Y	Y
-	-	Y	Y	Y
-	-	Y	Y	Y
-	-	Y	Y	Y
-	-	Y	Y	Y
-	-	Y	Y	Y
-	-	Y	Y	Y
-	-	Y	Y	Y
-	-	Y	Y	-
-	-	Y	Y	-
-	-	Y	Y	-
-	Y	Y	Y	-
-	Y	Y	Y	Y
-	Y	Y	Y	-

E Board

P5 407574-04/407574-05/407574- 06** Third Edit.	P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
Y	-	-	
Y	-	Y	
Y	-	Y	
Y	-	Y	

		Nelcor SpO2 WUI Module		Comments
		405712	412896	
Nelcor Version	Nelcor V1.0.2	-	-	
	Nelcor V1.0.4	Y	-	
	Nelcor V1.0.8	Y	-	
	Nelcor V1.0.10	Y	-	
	Nelcor V1.00.11	Y	-	
	Nelcor V1.0.12	Y	-	
	Nelcor V1.0.13	Y	-	
	Nelcor V1.0.14	Y	-	
	Nelcor V1.00.15	-	Y*	

Key	
Y	Supported
Y*	Supported ONLY if host Software is 2.40.01 or greater.
-	Not Supported

Notes:

		Nelcor Module			
		405712	412896		
CVSM Firmware	2.45.01	Y	Y		
	2.44.01	Y	Y		
	2.44.00	Y	Y		
	2.43.02	Y	Y		
	2.43.00	Y	Y		
	2.42.0x	Y	Y		
	2.41.0X	Y	Y		
	2.40.0x	Y	Y		
	2.30.0x	Y	-		
	2.20.0x	Y	-		
	2.10.00	Y	-		
	2.00.05	Y	-		
	2.00.00	Y	-		
	1.71.0x	Y	-		
	< 1.71.03	Y	-		

		MCE Board				
		P2** 406249/407520 Second Edit.	P3** 407574/40757 4-02 Second Edit.	P4 N/A	P5 407574- 04/407574- 05/407574-06** Third Edit.	P6M N/A
Neilcor Module	405712	Y	Y	-	Y	-
	412896	-	Y*	-	Y*	-

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P6W 407574-08 Fourth Edit.	Comments **Obsolete
-	
Y	

		CO2 Module		
		408259	412897	420502
CO2 Version	CO2 V1.08.10	-	-	-
	CO2 V1.09.11	-	-	-
	CO2 V1.09.12	Y	-	-
	CO2 V1.10.2	Y	-	-
	CO2 V1.14.00	-	Y	Y
	CO2 V1.16.00	-	Y	Y
Key				
Y		Supported		
-		Not Supported		

Notes:

		CO2 Vers		
		V1.08.10	V1.09.11	V1.09.12
CVSM Firmware	2.45.01	-	-	Y
	2.44.01	-	-	Y
	2.44.00	-	-	Y
	2.43.02	-	-	Y
	2.43.00	-	-	Y
	2.42.0x	-	-	Y
	2.41.00	-	-	Y
	2.40.0x	-	-	Y
	2.30.0x	-	-	Y
	2.20.03	-	-	Y
	<2.20.03	-	-	Y
	2.10.00	-	-	-
	2.00.05	-	-	-
	2.00.00	-	-	-
	1.71.0x	-	-	-
	< 1.71.03	-	-	-

*Combination of CVSM/CO2 sof

		P2** 406249/407520 Second Edit.	P3** 407574/40757 4-02 Second Edit.	P4 N/A	P5 407574- 04/407574- 05/407574- 06** Third Edit.
CO2 Module	408259	-	Y	-	Y
	412897	-	Y	-	Y
	420502	-	Y	-	Y

Comments

ion		
V1.10.2	V1.14.00	1.16.00
Y	Y	Y*
Y	Y	Y*
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	Y
Y	Y	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

ware that is IEC 80601-2-55 2nd edition compliant

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P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
-	Y	
-	Y	
-	Y	

		ECG Module		
		412721	412722	412723
ECG Firmware Version	ECG V00.03.05	-	-	-
	ECG V00.07.13	-	-	-
	ECG V00.10.18	-	-	-
	ECG V00.11.20	-	-	-
	ECG V00.16.26	-	-	-
	ECG V00.20.34	-	-	-
	ECG V00.20.37	-	-	-
	ECG V1.00.00	-	-	-
	ECG V1.00.01	-	-	-
	ECG V1.00.02	Y	Y	Y
	ECG V1.00.03	-	-	-
	ECG V1.00.04	-	-	-
	ECG V1.00.05	Y	Y	Y

Key	
Y	Supported
-	Not Supported

Notes:
All Modules: Approved Software Version = 01.00.05, Approved Hardware Vers

CVSM Firmware	ECG Software Version	ECG Software Version
	V1.00.02	V1.00.05
	2.45.01	Y
2.44.01	Y	Y
2.44.00	Y	Y
2.43.02	Y	Y
2.43.00	Y	Y
2.42.0x	Y	Y
2.41.00	Y	Y
2.40.0x	Y	Y
2.30.0x	Y	Y
2.20.0x	-	-
2.10.00	-	-
2.00.05	-	-
2.00.00	-	-
1.71.0x	-	-
< 1.71.03	-	-

		MCE Board			
		P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A	P5 407574-04/407574-05/407574-06** Third Edit.
ECG Module	412721	-	-	-	Y
	412722	-	-	-	Y
	412723	-	-	-	Y
	412724	-	-	-	Y

412724	412726
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
Y	Y
-	-
-	-
Y	Y

ision = 01.00.02

P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
-	Y	
-	Y	
-	Y	
-	Y	

Power Supply			
	P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A
405794	Y	Y	-
719414	-	-	-

AC to Power Supply Harness			
	P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A
713510	Y	Y	-
411821	-	-	-

MCE Board			
P5 407574-04/407574-05/407574-06** Third Edit.	P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
-	-	-	
Y	-	Y	

Key
Y
-

MCE Board			
P5 407574-04/407574-05/407574-06** Third Edit.	P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
-	-	-	
Y	-	Y	

Supported
Not Supported

		MCE Board				
Comms Module		P2** 406249/4 07520 Second Edit.	P3** 407574/407574- 02 Second Edit.	P4 N/A	P5 407574- 04/40757 4- 05/40757 4-06** Third Edit.	P6M N/A
	408498 Basic	Y	Y	-	-	-
	408499 Deluxe	Y	Y	-	-	-
	410389-04 Standard	-	-	-	Y	-
	407523 Basic	Y	Y	-	-	-
	407524 Standard	Y	Y	-	-	-
	407404 Standard	Y	Y	-	-	-
	406271 Standard	Y	Y	-	-	-
	406270 Basic	Y	Y	-	-	-

		MCE Board				
Power Supply		P2** 406249/4 07520 Second Edit.	P3** 407574/407574- 02 Second Edit.	P4 N/A	P5 407574- 04/40757 4- 05/40757 4-06** Third Edit.	P6M N/A
	405794	Y	Y	-	-	-
	719414	-	-	-	Y	-

Key	
Y	Supported
-	Not Supported

Comments	
P6W 407574- 08 Fourth Edit.	
-	
-	
Y	
-	
-	
-	
-	
-	

Comments	
P6W 407574- 08 Fourth Edit.	**Obsolete
-	
Y	

		Printer Version			
		405705	408184	411695	411695-01
CVSM	2.45.01	-	Y	Y	Y
	2.44.01	-	Y	Y	Y
	2.44.00	-	Y	Y	Y
	2.43.02	-	Y	Y	Y
	2.43.00	-	Y	Y	Y
	2.42.0x	-	Y	Y	Y
	2.41.00	-	Y	Y	Y
	2.40.0x	-	Y	Y	Y
	2.30.0x	-	Y	Y	Y
	2.20.0x	-	Y	Y	Y
	2.10.00	Y	Y	-	-
	2.00.05	Y	Y	-	-
	2.00.00	Y	Y	-	-
	1.71.0x	Y	Y	-	-
	< 1.71.03	Y	Y	-	-

		MCE Board					
		P2** 406249/4 07520 Second Edit.	P3** 407574/4 07574-02 Second Edit.	P4 N/A	P5 407574- 04/407574- 05/407574-06** Third Edit.	P6M N/A	P6W 407574- 08 Fourth Edit.
Printer	405705	Y	Y	-	-	-	-
	408184	-	Y	-	-	-	-
	411695	-	-	-	Y	-	-
	411695-01	-	-	-	Y	-	Y

Comments **Obsolete

Key	
Y	Supported
-	Not Supported

		MCE Board				
		P2** 406249/4 07520 Second Edit.	P3** 407574/407574- 02 Second Edit.	P4 N/A	P5 407574-04/407574-05/407574- 06** Third Edit.	P6M N/A
LCD Assembly	405883	Y	Y	-	-	-
	411161	-	-	-	Y	Y

P6W 407574- 08 Fourth Edit.	Comments **Obsolete
-	
Y	

		EarlySense Module		Comments
		720010	725692	
EarlySense Version	EarlySense V1.06.007	Y	-	
	EarlySense V	-	-	
	EarlySense V	-	-	
	EarlySense V	-	-	

Key	
Y	Supported
-	Not Supported

Notes:

Firmware Version		EarlySense
		V1.06.007
CVSM	2.45.01	Y
	2.44.01	Y
	2.44.00	Y
	2.43.02	Y
	2.43.00	Y
	2.42.0x	Y
	2.41.00	Y
	2.40.0x	Y
	2.30.0x	Y
	2.20.0x	Y
	2.10.00	-
	2.00.05	-
	2.00.00	-
	1.71.0x	-
< 1.71.03	-	

		P2** 406249/407520 Second Edit.	P3** 407574/40757 4-02 Second Edit.	P4 N/A	P5 407574- 04/407574- 05/407574- 06** Third Edit.	P6M N/A
EarlySense Module	720010	-	Y	-	Y	-
	725692	-	Y	-	Y	-



P6W 407574-08 Fourth Edit.	Comments **Obsolete
Y	
Y	

		MCE Board Versi		
		P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A
Power Button Flex	406370	Y	Y	-
	409291	Y	Y	-
	412082	Y	Y	-
	412517	Y	Y	-

Key	
Y	Supported
-	Not Supported

on			Comments **Obsolete
P5 407574-04/407574-05/407574-06** Third Edit.	P6M N/A	P6W 407574-08 Fourth Edit.	
-	-	-	
Y	-	Y	
Y	-	Y	
Y	-	Y	

		MCE Board Version			
		P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A	P5 407574-04/407574-05/407574-06** Third Edit.
PCA Battery Connector	406170	Y	Y	-	Y

Key	
Y	Supported
-	Not Supported

		Comments
P6M N/A	P6W 407574-08 Fourth Edit.	**Obsolete
-	Y	

Lightbar	MC		
	P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A
	712791	Y	Y

Light Bar Harness	MC		
	P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A
	713541	Y	Y

PLFM LED PCA	MC		
	P2** 406249/407520 Second Edit.	P3** 407574/407574-02 Second Edit.	P4 N/A
	406141	Y	Y

E Board			
P5 407574-04/407574-05/407574-06** Third Edit.	P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
Y	Y	Y	

E Board			
P5 407574-04/407574-05/407574-06** Third Edit.	P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
Y	Y	Y	

E Board			
P5 407574-04/407574-05/407574-06** Third Edit.	P6M N/A	P6W 407574-08 Fourth Edit.	Comments **Obsolete
Y	Y	Y	

Key	
Y	Supported
-	Not Supported