

	Doc or ECO #:	ECO-71067-001	Date:	01/24/18	Author:	SL
	Rev. #:	B				
Replacement of Dell 7510 with 7520 Laptops	Engineering Approval:	Aeg	Date:	1/30/18	Quality Approval:	DO

P/N #:	71067	Effective Date:	January 31, 2018
Title:	Replacement of Dell 7510 with 7520 Programmed Laptops		

1.0 Purpose / Summary:

Due to Dell Precision 7510 Laptops going End Of Life we will be switching to Dell Precision 7520 Unprogrammed Laptops. Windows 10 is now the primary operating system. To ensure compatibility drivers and applications have been updated.

2.0 Parts Affected:

Part Number	Notes	Removed	Added	New	Modified
52081	Dell Precision 7510	☒	☐	☐	☐
71067	Dell Precision 7520 Programmed	☐	☐	☒	☒
71081	Dell Precision 7520 Unprogrammed	☐	☐	☒	☐
71071	VideoRay Computer Build 7.00.00	☐	☐	☒	☐
52074	Dell 7500 Series Tilt Mount Upper Plate	☐	☐	☐	☒
52076	Dell 7500 Series Rear Laptop Bracket	☐	☐	☐	☒
52075	Dell 7500 Series Laptop Front Grip	☐	☐	☐	☒
52077	Dell 7500 Series Laptop Tilt Mount Assembly	☐	☐	☐	☒
50103	P4 Standard BASE Configuration (NTSC Video)	☐	☐	☐	☒
50104	P4 Standard BASE Configuration (PAL Video)	☐	☐	☐	☒
50105	P4 Plus BASE Configuration (NTSC Video)	☐	☐	☐	☒
50106	P4 Plus BASE Configuration (PAL Video)	☐	☐	☐	☒
ICB4-STD-ASSM	Control Box with Standard CPU (Pro 4)	☐	☐	☐	☒
ICB4-STD-ETH-ASSM	Control Box with Standard CPU, Ethernet (Pro 4)	☐	☐	☐	☒
ICB4-STD-LH-ASSM	Control Box with Standard CPU with LYNN Option (Pro 4)	☐	☐	☐	☒
ICB4-STD-LH-ETH-ASSM	Control Box with Standard CPU with LYNN, Ethernet (Pro 4)	☐	☐	☐	☒
ICB4-STD-LH-ETH-HB-ASSM	Control Box with Standard CPU with LYNN, Ethernet, 15" High Bright Monitor (Pro 4)	☐	☐	☐	☒
ICB4-STD-LH-RS-HB-ASSM	Control Box with Standard CPU with LYNN, RS-485, 15" High Bright Monitor (Pro 4)	☐	☐	☐	☒

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ROV-SYS-PRO4-NI-300-B-N	Pro 4 NI 300BASE System Configuration (NTSC)	☐	☐	☐	☒
ROV-SYS-PRO4-NI-300-B-P	Pro 4 NI 300BASE System Configuration (PAL)	☐	☐	☐	☒
ROV-SYS-PRO4-NI-CV8-P	Pro4 V8 ROV Sales Kit	☐	☐	☐	☒
ROV-SYS-PRO4-PS-300-DN-P	Pro 4 PS 300 DN System Configuration (PAL)	☐	☐	☐	☒

3.0 Detail:

- 3.1 Due to Dell Precision 7510 Laptops going End of Life we will be switching to Dell Precision 7520 Unprogrammed Laptops.
- 3.2 The Dell Precision 7520 Unprogrammed Laptops will be installed with Build 7.00.00 to become Dell Precision 7520 Programmed Laptops.
- 3.3 Windows 10 will now be the primary operating system.
- 3.4 The Follow Changes were made for build 7.00.00 for compatibility for Windows 10.
 - Removed AMD Folder and associated files
 - Removed Proviever_4.2.9105, replaced with ProViewer-4.3.1.9526
 - Removed Core-Temp-install 1.0, replaced with Core-Temp-setup 1.11
 - Removed smart_tether_v6.3.5193.18137, replaced with smart_tether_v6.3.5981.26690
 - Created Legacy Kworld Driver Folder and placed Rev-A and Rev-D drivers inside
 - *Note Kworld drivers will need to be installed through Device Mangers "update Driver" function.
 - Removed Prolific V1.10, Replaced with V1.14
 - Removed Sealevel SS030630, replaced with SS030703
 - Added Startech Video Capture Driver 5.2011.307
 - Removed synaptics folder and associated files
 - Removed seanetpro v2.23, replaced with v2.24

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- Removed vrCockpit_3_0_151 and associated files, replaced with vrCockpit_3_0_172 and associated files

3.5 While Build 7.00.00 can be installed on PC's running Windows 7, users will experience a pause in the video stream of approximately 5-10 seconds after pressing the video record button. Because of this, build 7.00.00 should only be installed on PC's running Windows 10.

3.6 Computer mounting part descriptions have been updated from Dell 7510 to a more generic Dell 7500 series since the same parts are now used across two different model numbers.

4.0 Disposition of Material:

All remaining 7510 stocks will be used.

If a Dell laptop needs to be replaced under warranty replace with Dell 7520 Programmed Laptop.

5.0 Action Items:

Action	Department	Acknowledgement Initials
- Upon depletion of Dell 7510 Laptops Production is to use Dell 7520 Programmed Laptops. - Program all Dell Precision 7520 Unprogrammed Laptops with build 7.00.00.	Production	KK
- Find appropriate location for Dell 7520 Unprogrammed & Programmed Laptops. - Reference latest revision in Epicor.	Inventory	SL
If a Laptop needs to be replaced under warranty replace with Dell 7520 Programmed Laptops.	Repairs	JK
Modify the above part numbers in Epicor to reflect the changes.	Production Engineering	CH
Order Dell 7520 Laptops with correct specifications under reference quote 3000020881869.1	Purchasing	NS

6.0 Modified / Referenced Documents:

Document	Current Revision
PRO4 Software and Computer Checklist	1
71071 – Computer Build 7.00.00 Installation Instructions	A

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7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
01-08-2018	Initial Release	Initial Release	SL
01-18-2018	Section 1,2,3,4,5	Section 1 - Added Windows 10/Build Update Section 2 - Added Mountings Part Description Update & Build Part Number Plus Unprogrammed Part Number Section 3 – Added details about build and mounting part descriptions Section 4 - Updated laptop description Section 5 - Updated Descriptions to Programmed/Unprogrammed. Added Programmed step to Production	SL