



**PCN # [0470430-PCN]
CXC HP Operating System v6.0**

1. Supplier Information Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada	1.6 Supplier Contact Info Contact: Doddy Wijanta Product Specialist – Software & Control 604-415-7350 doddy.wijanta@alpha.ca														
2. Product Change Notification Number PCN # 0470430-PCN	3. Issue Date of Change August 29, 2019														
4. System Affected Major System Affected: All systems utilizing CXC HP controllers (CXPS series, CXS series, AMPS, etc) Hardware Affected: Y Firmware Affected: Y Software Affected: N															
5. New Product ID <table border="1" data-bbox="191 1140 771 1287"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>CXC HP OS</td> <td>V6.0</td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table> No part number affected.	Software / Firmware		Model	Revision	CXC HP OS	V6.0			6. Old Product ID <table border="1" data-bbox="803 1140 1409 1251"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>CXC HP OS</td> <td>V5.2,V4.7,V4.2,V2.2</td> </tr> </tbody> </table> No part numbers affected.	Software / Firmware		Model	Revision	CXC HP OS	V5.2,V4.7,V4.2,V2.2
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7. New CLEI Code N/A	8. Old CLEI Code N/A														
9. Associated Products or Changes Affected CXC HP Series controllers															
10. Drawing Number N/A															
11. Classification of Change B	12. Reason for Classification Product change which was made to incorporate improvements and additions to the existing feature set.														



13. Reason for Change For newly built CXC HP controllers, an updated RAM chip has new timing parameters which is only supported by V6.0 of the Operating System. V6.0 of the Operating System supports timing parameters for both the newly installed chip and the existing chip in controllers deployed in the field.	
14.1 Description of Change Hardware: <ul style="list-style-type: none">• New RAM chip installed into the CXC HP. Operating System: <ul style="list-style-type: none">• Updated with the new parameters to fit the new RAM chip operations.• Includes all previous improvements made to the OS:<ul style="list-style-type: none">○ FLASH memory management○ VLAN support○ Clock overflow improvement The upgraded controllers with Operating System v6.0 will not be a backwards compatible with older versions of the OS.	
14.2 Change Verification Procedures A visual review of the Operating System version once uploaded into the CXC HP.	
15. Safety Notification N/A	
16. Material Affected N/A	
17. Documentation Affected N/A	
18. Supplier Implementation Date August 29, 2019	19. Modification Completion Date N/A
20. Modification Location N/A	



21. Modification Cost N/A
22. Location and Quantity of Equipment N/A
23. Attachments N/A
24. Comments