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# Product Change Notification

**PCN # 0470397-00**

**Mirco 1000 Firmware Version 2.02.00**

<b>1. Supplier Information</b> Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada	<b>1.6 Supplier Contact Info</b> Contact: Daljit Hothi Product Manager 604 422 4490 <a href="mailto:daljit.hothi@enersys.com">daljit.hothi@enersys.com</a>																
<b>2. Product Change Notification Number</b> PCN # 0470397-00	<b>3. Issue Date of Change</b> 11/23/2018																
<b>4. System Affected</b> Major System Affected: 017-239-XX,017-240-XX Subsystem Affected: 740-719-XX, 740-826-XX Hardware Affected: N Firmware Affected: Y Software Affected: Y																	
<b>5. New Product ID</b> <table border="1" data-bbox="188 1073 771 1220"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>Micro 1000</td> <td>2.02.00(fbin)</td> </tr> <tr> <td>Ethernet Card</td> <td>V2.01.00(ezip)</td> </tr> </tbody> </table>	Software / Firmware		Model	Revision	Micro 1000	2.02.00(fbin)	Ethernet Card	V2.01.00(ezip)	<b>6. Old Product ID</b> <table border="1" data-bbox="797 1073 1382 1220"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>Micro 1000</td> <td>2.00.04(fbin)</td> </tr> <tr> <td>Ethernet Card</td> <td>V2.00.04(ezip)</td> </tr> </tbody> </table>	Software / Firmware		Model	Revision	Micro 1000	2.00.04(fbin)	Ethernet Card	V2.00.04(ezip)
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<b>7. New CLEI Code</b> N/A	<b>8. Old CLEI Code</b> N/A																
<b>9. Associated Products or Changes Affected</b> Micro 1000:017-239-XX, 017-240-XX Ethernet Card: 740-730-24																	
<b>10. Drawing Number</b> N/A																	
<b>11. Classification of Change</b> AC	<b>12. Reason for Classification</b> Product change which was implemented to correct a product deficiency. Change affect is only applicable to a specific subset of product or unique product/option configurations.																
<b>13. Reason for Change</b> Update to improve air circulation for better cooling and increase reliability as well as fix C8 operation on inverter mode.																	
<b>14.1 Description of Change</b>																	



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<ul style="list-style-type: none"><li>a. FXM Micro Card Firmware Version 2.02.00<ul style="list-style-type: none"><li>i. Improved thermal management and fan control</li><li>ii. Fix Automatic Transfer Switch (ATS) dry contact C8 operation on inverter</li></ul></li><li>b. SNMP Card Firmware Version 2.01.00<ul style="list-style-type: none"><li>i. Power Outage menu selection fixed in UPS Monitoring and Maintenance section</li></ul></li></ul>	
<b>14.2 Change Verification Procedures</b> N/A	
<b>15. Safety Notification</b> N/A	
<b>16. Material Affected</b> N/A	
<b>17. Documentation Affected</b> N/A	
<b>18. Supplier Implementation Date</b> Starting in December 2018 units will begin shipping from Alpha factory with updated firmware and software.	<b>19. Modification Completion Date</b> 11/23/2018
<b>20. Modification Location</b> Factory	
<b>21. Modification Cost</b> N/A	
<b>22. Location and Quantity of Equipment</b> N/A	
<b>23. Attachments</b> N/A	
<b>24. Comments</b> Micro 1000 units currently running software lower than V1.08.70R can only be upgraded to V2.02.00 via an RS232 interface using the FXM Programmer application. After upgrading the FXM software, upgrade the Ethernet card. (Future upgrades can be done via the web.)  A Micro 1000 currently running software V1.08.00 or later can be upgraded to V2.02.00 via an RS232 interface using FXM Programmer.	