

PCN Product Change Notification



for #2026-07-04-01
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Title: Software Change Notification on EdgeCard mioty	
PCN #: 2026-07-04-01	Notification Date 04.07.2026
1 Reason for Change	
<input type="checkbox"/> Material / Composition <input type="checkbox"/> Processing / Manufacturing	<input checked="" type="checkbox"/> Design / Firmware <input checked="" type="checkbox"/> Other: The changes in this release are driven by two regulatory requirements: EU Radio Equipment Directive (RED) Delegated Act (DA): The RED DA introduces mandatory cybersecurity requirements for radio devices placed on the EU market. To comply, direct operating system access has been removed and the attack surface of the card has been reduced. EU Cyber Resilience Act (CRA) preparation: The CRA extends security obligations to all products with digital elements. BSM 5.1 introduces the architectural changes necessary to meet these obligations.
2 Change Description	
<p>Affected firmware All versions prior to BSM 5.1 New firmware version BSM 5.1 (BSSCI v1.1.0) Change classification Software / Firmware, Configuration Interface, Security</p> <p>Changes</p> <ol style="list-style-type: none"> 1. Security and System Access The Linux system on the mioty Card is no longer accessible. As part of RED DA and CRA compliance hardening, SSH has been disabled and the serial console has been removed. No shell or direct filesystem access is available on BSM 5.1 or later. 2. Configuration Interface All configuration is now performed exclusively through the BSM Configuration API. Direct file-system or shell-based configuration is no longer possible. Refer to the BSM 5.1 API documentation for the current configuration schema. 3. BSM 5.1 and BSSCI v1.1.0 The firmware has been updated to BSM 5.1, which incorporates BSSCI protocol version 1.1.0. Integration partners using the BSSCI interface must update their host-side implementation to v1.1.0. 4- Multi-Mode Firmware Image BSM 5.1 is a unified firmware image supporting bs (base station), nm, and additional future modes of operation. A single image covers all deployment scenarios, simplifying field logistics. 5. Firmware Update via Configuration API Field firmware updates are now performed through the configuration API. Any previous manual or custom update procedure is no longer supported. 6. Fixed MAC Address The MAC address of the mioty Card is now static and stable across reboots and firmware updates. Integration partners whose software relies on MAC address discovery or enumeration should verify their implementation. 7. USB Vendor and Product ID Change The USB VID and PID have been updated. New Vendor ID 0x398E, product ID 0x6F3A. Integration partners or host drivers that filter by USB VID/PID must be updated. 	

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3 Impact and Recommended Action		
The following adjustments are required for the integration: The configuration schema must be migrated to the new API schema. The BSSCI host implementation needs to be updated to version 1.1.0. SSH and serial console access must be removed from the integration workflows. The firmware update procedure must be migrated to the configuration API-based approach. The MAC address dependency needs to be verified, as the MAC address is now fixed. The USB VID/PID dependency requires an update in the integrators host system.		
4 Products Being Changed		
Part Number	Part Name	Description
EdgeCard mioty	GWC-62-MY-868	miro EdgeCard mioty, 868 MHz mioty base station Mini PCIe card
EdgeCard mioty with service / app center	GWC-62-MY-868-NM	miro EdgeCard mioty, 868 MHz mioty base station Mini PCIe card with integrated service and application center
Part Number	Part Name	Part description
Part Number	Part Name	Part description
Part Number	Part Name	Part description
5 Miromico Contact		
Please contact your distributor for additional information.		
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