Device Errata
Skywire® NL-SW-LTE-SVMZ20 Modem
NimbeLink Corp
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1. **Applies to NimbeLink Part Numbers**

<table>
<thead>
<tr>
<th>Orderable Device</th>
<th>Description</th>
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<tr>
<td>NL-SW-LTE-SVZM20</td>
<td>Skywire 4G LTE CATM1 Modem</td>
<td>NimbeLink</td>
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2. **Applications Affected**

This Errata describes an issue with the update process and functionality of the 37120 firmware when loaded on a NL-SW-LTE-SVZM20-x Skywire. The 37120 firmware will automatically boot into AT+CFUN=1 mode. Doing so without a SIM card installed will cause the modem to continuously reboot. This impacts users in two ways:

1. Doing a firmware update to 37120 will report that the process failed. However, the firmware is actually being loaded, but the firmware update utility cannot verify what firmware is being used during the verification step. It will instead time out and report a failure.
2. The SVZM20 with firmware 37120 and no SIM installed will not respond to AT commands.

3. **How to Identify Firmware Version**

The firmware version is reported with the AT command:

`ATI1`

When you issue that command to the NL-SW-LTE-SVZM20-x Skywire®, you will receive a response back similar to the following format:

```
UE5.0.0.0d
LR5.1.3.0-xxxxx
OK
```

where `xxxxx` is the five-digit firmware version. The version impacted will report:

```
UE5.0.0.0d
LR5.1.3.0-37120
OK
```
4. Workarounds

For customers who are performing the firmware update process, having an active or inactive SIM card installed in the Skywire will allow the firmware update process to complete successfully.

For customers developing and using the SVZM20 with firmware 37120, having an active or inactive SIM card during usage will prevent the modem from rebooting.

5. Contact

For further information please contact NimbeLink Technical Support:
product.support@nimbelink.com.

6. Version Information

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<th></th>
<th>KMR</th>
<th>Initial draft</th>
<th>08/02/2018</th>
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This document identifies known exceptions to the functional specifications for the Skywire® modem product line and may include notes on conditions impacting performance outside of normal ranges. Conditions documented here may or may not be addressed in future revisions of products or product documentation.

For further information, NimbeLink customers may contact product.support@nimbelink.com.