

# Release Note NRSW 4.7.0.103

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**Project Name:** NRSW

## Abstract:

This document represents the release note for NetModule Router Software 4.7.0.103. It informs on new functionality, corrections and known issues of this software version of NetModule's router series.

## Keywords:

NetModule, Software Development, NRSW, Release Note

## Document Control:

<b>Document:</b>	<b>Version</b>	1.0
	<b>File</b>	NRSW-RN-4.7.0.103
	<b>Status</b>	Final
<b>Creation:</b>	<b>Role</b>	<b>Name</b>
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<b>Approval</b>	<b>Role</b>	<b>Name</b>
	Director Product Development	Benjamin Amsler

## 1 Release Information

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### NetModule Router Software:

Version: **4.7.0.103**  
Date: **Nov 25, 2022**

### Supported Hardware:

<b>NetModule Router</b>	<b>Hardware Version</b>
NB800	V2.0 - V2.2, V3.2 (Rev. B02)
NG800	V3.0 - V3.1
NB1601	V1.0 - V1.6
NB1800	V2.4 - V2.6
NB1810	V2.4 - V2.6
NB2800	V1.0 - V1.4
NB2810	V1.2
NB3701	V1.0 - V1.10
NB3800	V1.0 - V1.10

### Unsupported Hardware:

**NetModule Router**  
NB1300 Series  
NB1600 Series  
NB2200 Series  
NB2300 Series  
NB2500 Series  
NB2600 Series  
NB2700 Series  
NB3700 Series  
NB3711

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## 2 Security Fixes

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The following security relevant issues have been fixed.

Case-#	Description
81530	<b>Web interface improvements</b> An authenticated admin user was able to inject an arbitrary command via web-interface. An authenticated admin user was able to upload/remove an arbitrary file via web-interface. An authenticated admin user would have these abilities anyways. Both issues have been fixed to prevent use within a potential exploit chain.
81752	<b>CVE-2022-37434: heap-based buffer over-read or buffer overflow in zlib</b> Zlib has a heap-based buffer over-read or buffer overflow in inflate in inflate.c via a large gzip header extra field.

### 3 Fixes

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The following issues and problems have been fixed.

Case-#	Description
<b>72700</b>	<b>Modem Support</b> The processing of signal strength data in 5G SA mode for the Telit FN980 was improved.
<b>77703</b>	<b>Inconsistent behavior when switching AP mode</b> The initial WLAN access point configuration was not the same when switching from AP to Dual Mode or switching from Client to Dual Mode.
<b>81684</b>	<b>Watchdog fixes</b> Watchdog had a memory leak since 4.6.0.100. This is fixed.
<b>81868</b>	<b>Cli status did not show bridged IPs</b> Client IPs of bridged interfaces were not displayed properly in some cases.
<b>81980</b>	<b>NB3800 USB storage device detection was fixed</b> USB storage devices with Carrier $\geq$ 5.2 were incorrectly detected as SATA storage. This caused the autorun feature to be non-functional.

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## 5 Change History

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Version	Date	Name	Reason
1.0	Nov 25, 2022	Felix Kopf	"Final Document"

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