Release Note NBSW 3.6.0.118

Project Name: NBSW 3.6

Abstract:

This document represents the release note for system software 3.6.0.118. It informs on new functionality, corrections and known issues of the current software version of NetModule's router series.

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Approval

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1 Release Information

NetModule Router Software:

Version:	**3.6.0.118**
Date:	**July 31, 2015**

Supported Hardware:

NetModule Router	Hardware Version
NB1600	V1.0 - V3.3
NB2700	V1.0 - V2.7
NB3700	V2.0 - V4.3

Unsupported Hardware:

NetModule Router
NB1310
NB22XX
NB23XX
NB25XX
NB26XX

2 New Features

Case-#	Description
33678 **29754** **37005** **37184**	**Modem Support** The modems Huawei ME909/MU609 and Cellient MPN200 are now supported by this software.
32504	**SDK SNMP Traps** SNMP traps can be sent now by using the SDK function `nb_snmp_trap`.

3 Fixes

The following issues and problems have been fixed.

Case-#	Description
38019	**WLAN PCI Exception** In very rare cases the WLE200NX raised a machine check exception during PCI transfers. That may have happened in situations where a chip reset was asynchronous to the clock of analog shift registers which caused a surprise removal of AR9280 based chips and a subsequent kernel panic. This has been fixed.
39144	**GPS Stream Stopped** Using a Huawei modem, the NMEA stream stopped after a couple of hours. The issue has been fixed.

4 Known Issues

Items listed here represent minor problems known at release time. These issues are going to be resolved in a later version.

Case-#	Description
27261	**No Circuit Switched Data (CSD) Connection with LTE Modems** Neither incoming nor outgoing CSD connections are currently supported on boxes with a Sierra Wireless LTE modem.
28226	**No SD Card Support** SD cards are currently not yet supported.
28986 **28829** **28490**	**Problems with Connections to Some LTE Providers** LTE enabled NetModule routers may not connect to LTE networks due to an old firmware on the build-in LTE modem. Please contact our support team if you are facing any problems.
29435 **28490**	**Performance Issues** Daemons and applications become very slow at downloads above 20 Mbps because the system is currently favouring packet transmission as routers usually should do. We will apply a proper balancing in a later release.

5 Pitfalls

Items listed as pitfalls are potential problems that may arise because of specific environmental conditions. There are currently no fixes planned for these issues.

Case-#	Description

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Changes:

Version	Date	Name	Reason
1.0	2015-07-31	hess	Release

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