



Release Note for linux imgctrl Version 3.7.4

Release Date 2018-12-21

Description This release note applies to version 3.7.4 of the imgctrl package for Napatech SmartNICs.

Release history from version 3.7.1 to 3.7.4

New Features

No new features

Resolved Issues

ID	Related issues	Summary	Found in version	Resolved in version
42484	42323 (Support)	imgctrl tool fails PCI scanning on Dell - R7415	3.1.0	3.7.4

Known issues

ID	Related issues	Summary	Found in version
38869		Imgctrl does not limit load of 9519 image on NT80E3 although insufficient MAC addresses are available and driver as a consequence will not start.	3.6.0
25417		No support for FPGA image switch on NT20E2 with AVR-FW v1.0e due to lack of support of the SPI-(v1 0x0085)command FPGA SWITCH NOW, which is needed by imgctrl quick-switch. Workaround: If the user detects the somehow not so helpful error message: " SPIv1: Opcode 0085 returned error 80. Is the opcode supported by this AVR version? Error: Failed telling SC to quickswitch FAIL. Switching failed. Use --query to examine adapter " the user may switch the FPGA image via the following sequence: (supported from imgctrl v2.1.0.28142) " 1) . /imgctrl -a0 -s --pcirst 2) reboot 3) ./imgctrl -a0 -s --confirm "	1.7.0

Notes

Operating systems

The Napatech ImgCtrl tool version applies to these operating systems:

- Linux 3.0 -> 3.19 (64-bit)
- Linux 4.0 -> 4.18 (64-bit)

The software has been qualified on: CentOS 6, CentOS 7, Ubuntu 16.04LTS and Fedora 18/23

SmartNIC compatibility

HW	FPGA images
----	-------------

HW NT4E	FPGA images 200-9015-42-08, 200-9015-42-13, 200-9015-42-14
NT4E-STD	200-9017-42-09, 200-9017-42-10
NT4E-INL	200-9115-42-13
NT4E2-4- PTP	200-9226-46-12, 200-9226-46-13, 200-9226-48-05, 200-9226-50-03, 200-9226-50-04, 200-9226-51-03, 200-9226-51-04
NT20E2	200-9220-44-10, 200-9220-44-12, 200-9220-45-06, 200-9220-46-09, 200-9220-47-03, 200-9220-50-03, 200-9220-50-04, 200-9220-50-05
NT20E2- PTP	200-9227-50-03, 200-9227-51-03, 200-9227-51-04
NT20E3-2- PTP	200-9233-52-13, 200-9233-53-01, 200-9501-02-16, 200-9501-04-04, 200-9501-06-06, 200-9501-08-06, 200-9501-09-08, 200-9501-10-07, 200-9501-15-02, 200-9501-17-02
NT40E3-4- PTP	200-9232-50-04, 200-9232-51-04, 200-9232-51-07, 200-9232-52-13, 200-9232-53-01, 200-9502-02-16, 200-9502-04-04, 200-9502-06-06, 200-9502-06-07, 200-9502-08-06, 200-9502-08-07, 200-9502-08-08, 200-9502-09-08, 200-9502-10-07
NT80E3-2- PTP	200-9503-02-16, 200-9503-04-04, 200-9503-06-05, 200-9503-08-06, 200-9503-08-07, 200-9503-08-08, 200-9503-09-08, 200-9503-10-07, 200-9503-10-09, 200-9503-15-02, 200-9503-17-02, 200-9503-08-07, 200-9519-10-05, 200-9519-10-07, 200-9519-15-02, 200-9519-17-02, 200-8005-15-02
NT200A01- 2x100	200-9508-05-08, 200-9508-05-17, 200-9508-06-06, 200-9508-07-06, 200-9508-07-07, 200-9515-09-08, 200-9515-10-07, 200-9515-15-02, 200-9516-09-08, 200-9516-10-07, 200-9516-15-05, 200-8002-09-01, 200-8002-09-02, 200-8002-10-02, 200-8002-15-02
NT40A01- 4x1	200-9500-06-06, 200-9500-06-07, 200-9500-08-06, 200-9500-09-08, 200-9500-10-07, 200-9500-15-02
NT100E3- 1-PTP	200-9504-01-12, 200-9505-02-16, 200-9505-04-04, 200-9505-06-05, 200-9505-08-06, 200-9505-09-08, 200-9505-10-08, 200-9505-10-09, 200-9505-15-02
NT40E2-1	200-9222-52-05
NT40E2-4	200-9221-44-13, 200-9221-50-04
NT200A01- 2x40	200-9512-07-02, 200-9512-08-08, 200-9512-08-09, 200-9512-09-08, 200-9512-10-07, 200-9512-15-02, 200-9522-15-03, 200-8006-15-03
NT200A01- 2x100/40	200-8001-08-00, 200-8001-08-01, 200-8003-09-01, 200-8003-10-02, 200-8003-15-02, 200-8004-10-03, 200-8004-15-02
NT40A01- 4x10/1- SLB	200-9517-09-08
INTEL- A10-4x10	200-7000-12-02
INTEL- A10-1x40	200-7001-12-03

Test status

Complete test plan

Documentation

See DN-0487 for documentation.

Release note generated at

2019-01-28