



SYMKLOUD-MS

OneClick Bundle 3.15.00

Release Notes

PCN no.: 2007

Revision	Brief Description of Changes	Date of Issue
0.1	Initial release ¹	10-August-2020

¹ Based on template rev.1.0 – 2018.03.28

1/ Description of the change(s)

The new OneClick bundle Nurse Elfin (version 3.15.00) is now available for the SYMKLOUD-MS platform, which includes all new firmwares for the listed Symkloud series systems.

1.1. OneClick bundle 3.15.00

The versions of each firmware component included in the bundle are listed in the table below, with those that have been updated (vs. the versions included in the previous bundle) highlighted in **bold**. The changes introduced in each individual firmware component are listed in section "4/ Individual Changelog" of this document.

	Product	Component	Previous version	New version
	OneClick Bundle MS29XX		3.14.00 (Monarch Elfin)	3.15.00(Nurse Elfin)
Hub Nodes	MSH8900	ShMC	3.20.093AA546	3.21.0945540C
		FPGA	2.06	same
	MSH8910	ShMC	2.22.093AA54E	3.21.0945540C
		FPGA	1.12	same
	MSH8920	ShMC	1.20.013774fa	same
		FPGA	1.05.0800D656	same
Compute Nodes	MSP800x	BIOS	1.00	same
		IPMC	3.33.0916B3EC	same
		FPGA	1.10	same
	MSP802x	BIOS	2.21.093A2A53	same
		IPMC	2.20.091805DF	same
		FPGA	2.14	same
	MSP803x	BIOS	2.16	same
		IPMC	1.01.090A145F	same
		FPGA	1.00	same
	MSP804x	BIOS	1.56.093A2B83	1.57.0943FC77
		IPMC	1.18.09427C52	1.19.0945540D
		FPGA	2.02	same
	MSP805x	BIOS	1.07.093A4DC4	same
		IPMC	1.09.093AA546	1.10.0945540C
		FPGA	1.02	same
	MSP806x	BIOS	1.12.093A13ED	1.13.0943FC8E
		IPMC	1.11.013a8d27	1.13.01458d40
		FPGA	1.01.0800f920	same

2/ Change Classification

Classification	○ Maintenance release, Product improvement
Application	○ The Firmware is field upgradeable

3/ Impact on customer application and recommended actions

In order to benefit from the latest features, enhancements and fixes, Kontron recommends that customers upgrade all SYMKLOUD-MS systems and components to the latest firmware versions as soon as is practical.

4/ Individual Changelogs

Product	Component & Version	Changelog
MSH8900	Switch SMBStaX 2.25	Changes since 2.24 Bug fix: <ul style="list-style-type: none"> Fixed an issue where some packets were lost during a firmware upgrade, causing failure to complete
	ShMC 3.21.0945540C	Changes since 3.20.093AA546 Internal improvements: <ul style="list-style-type: none"> NTP support enabled through the shelf manager Increased time sync between shelf manager and nodes from every 12h to 1h Added optional payload inventory based on FRU via API command (Only for MSP8020 and MSP8050)

Product	Component & Version	Changelog
MSH8910	ShMC 2.23.0945540C	Changes since 2.22.093AA54E Internal improvements: <ul style="list-style-type: none"> NTP support enabled through the shelf manager Increased time sync between shelf manager and nodes from every 12h to 1h Added optional payload inventory based on FRU via API command (Only for MSP8020 and MSP8050)

Product	Component & Version	Changelog
MSP8040	IPMC 1.19.0945540D	Changes since IPMC version 1.18.09427C52 Bug Fixes: <ul style="list-style-type: none"> Improved time sync to reduce the risk of time sync failure
	BIOS 1.57.0943FC77	Changes since BIOS version 1.56.093A2B83 <ul style="list-style-type: none"> BIOS updated to latest uCode for Grangeville family products including various security updates Updated AMI Core

Product	Component & Version	Changelog
MSP8050	IPMC 1.10.0945540C	Changes since 1.09.093AA546 <ul style="list-style-type: none"> Improved time sync to reduce risk of time sync failure

Product	Component & Version	Changelog
MSP8060	IPMC 1.13.01458d40	Changes since 1.11.013a8d27 <ul style="list-style-type: none"> Improved time sync to reduce time sync failure
	BIOS 1.13.0943FC8E	Changes since 1.12.093A13ED: <ul style="list-style-type: none"> BIOS updated to latest uCode for Grangeville family products including various security updates Updated AMI Core

5/ Associated Network OS

5.1. : Release History

Firmware Package Version	Release Date	Chassis Support	MSH8900	MSH8910	MSH8920
3.15.00		MS29xx, MS1300	2.25	HOTFIX4.51	1.7.2-12
3.14.00	April-2020	MS29xx, MS1300	2.24	HOTFIX4.51	1.7.2-12
3.13.00	Dec-2019	MS29xx, MS1300	2.23	HOTFIX4.51	1.7.2-12
3.12.00	Sept-2019	MS29xx, MS1300	2.23	HOTFIX4.51	1.7.2-12
3.11.00	Feb-2019	MS29xx, MS1300	2.22	GA4.50	1.7.2-12
3.10.00	Feb-2019	MS29xx, MS1300	2.22	GA4.50	1.7.2-12
3.09.01	Jan-2019	MS29xx	1.14	GA4.50	1.6.4-24
3.08.00	Oct-2018	MS29xx	1.14	GA4.50	1.6.4-24
3.07.00	Apr-2018	MS29xx	1.14	GA4.50	1.6.4-24
3.06.02	Feb-2018	MS29xx	1.14	GA4.50	1.6.4-24
3.05.01	Dec-2017	MS29xx	1.12	HOTFIX4.00	1.5.4-32
3.04.05	Apr-2017	MS29xx	1.12	HOTFIX4.00	N/A
3.00	May-2016	MS29xx	1.12	HOTFIX3.02	N/A
2.16	Sept-2015	MS29xx	1.12	GA2.01	N/A

6/ How to identify your product

MSH-Hub Nodes and MSP-Nodes

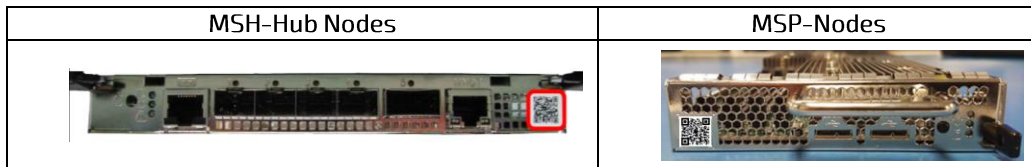
Electronically:

- From the System Monitor WebUI/API (including SystemInformation.txt)
- From any specific component's ipmitool interface (IoL, Serial, etc.) with the command 'hpm check'

Physical labels:

- Each MSH-Hub Nodes and MSP-Nodes includes a 2D barcode on its faceplate, encoding the following details:

Board serial number 90xxxxxxxx
 Board part number xxxx-xxxx
 Batch ID xxyyzzzzzz
 Base MAC address 00:A0:A5:xx:xx:xx



MS29xx Chassis

Electronically:

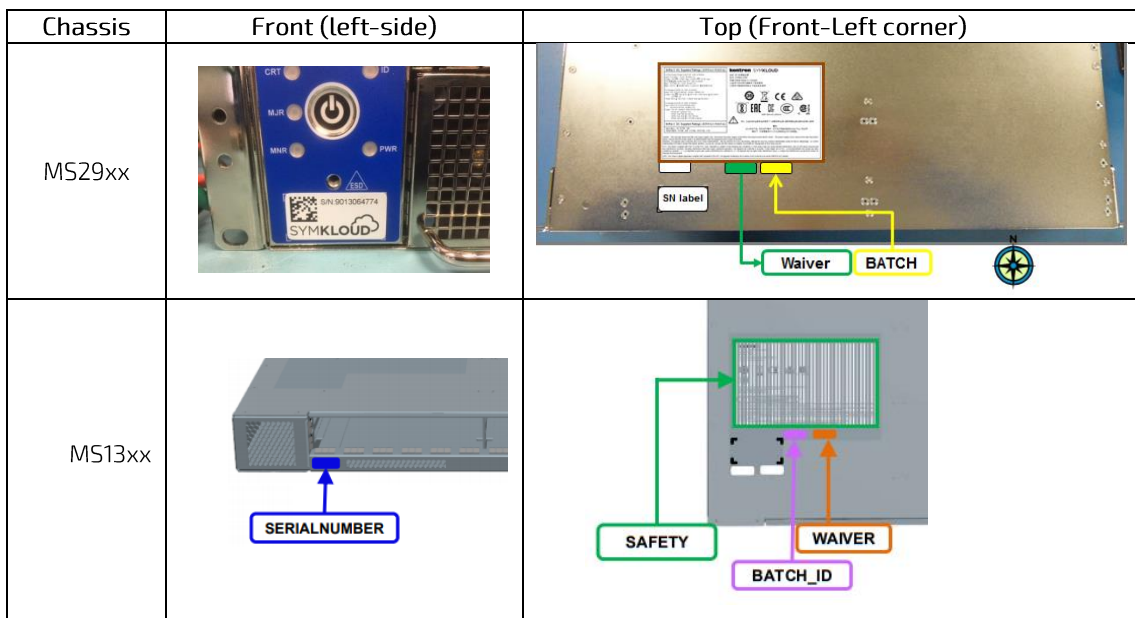
- From the Active ShMC's ipmitool interface (IoL, serial, etc.) with the command 'fru print'; the Chassis SN/PN is listed under FRU Device Description : "PDB 1 (ID 128)" and "PDB 2 (ID 130)"

Physical labels:

- Located on the top-cover of the system, the serial number and Batch ID labels encode:

Board serial number 90xxxxxxxx
 Board part number xxxx-xxxx
 Batch ID xxyyzzzzzz

The System serial number is also encoded on the front-faceplate 'Symkloud' Label (shown below).



About Kontron in Communications

Kontron designs hardware for the software-defined world. Service providers and enterprise clients around the globe collaborate with Kontron and its ISV and channel partners to deploy new services with greater speed, confidence and operational efficiency. Our portfolio is a best-of-breed of OEM hardware and SYMKLOUD Open Infrastructure Platforms dedicated to the deployment of virtual services using software defined networks (SDN) and network functions virtualization (NFV). For more information, please visit www.symkloud.com or www.kontron.com/communications.

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