



SYMKLOUD-MS

OneClick Bundle 3.14.00

Release Notes

PCN no.: 2001

Revision	Brief Description of Changes	Date of Issue
0.1	Initial release ¹	15-April-2020

¹ Based on template rev.1.0 – 2018.03.28

1/ Description of the change(s)

The new OneClick bundle Monarch Elfin (version 3.14.00) is now available for the SYMKLOUD-MS platform, which includes all new firmwares for the listed Symkloud series systems.

1.1. OneClick bundle 3.14.00

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		3.13.00 (Lightspeed Elfin)	3.14.00 (Monarch Elfin)
Hub Nodes	MSH8900	ShMC	3.20.093AA546	3.20.093AA546
		FPGA	2.06	same
	MSH8910	ShMC	2.22.093AA54E	same
		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	same
		IPMC	1.17.09377D72	1.18.09427C52
		FPGA	2.02	same
	MSP805x	BIOS	1.07.093A4DC4	same
		IPMC	1.09.093AA546	same
		FPGA	1.02	same
	MSP806x	BIOS	1.12.093A13ED	same
		IPMC	1.11.013a8d27	same
		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 2.24	Changes since 2.23: Bug Fixes : <ul style="list-style-type: none"> Fixed an issue where the Standby ShMC was not detected at the very first boot of a chassis

Product	Component & Version	Changelog
MSP8040	IPMC 1.18.09427C52	Changes since IPMC version 1.17.09377D72 Bug Fixes: <ul style="list-style-type: none"> Fixed a bug where the PCIe Slot Temp sensor was reporting a false temperature value Fixed a bug where the Health Status Sensor was reporting unwanted events in the SEL

5/ Associated Network OS

5.1. : Release History

Firmware Package Version	Release Date	Chassis Support	MSH8900	MSH8910	MSH8920
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

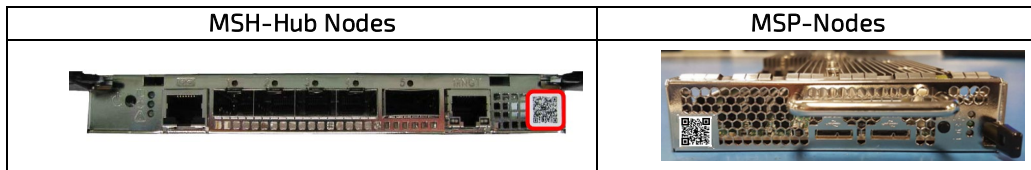
Electronically:

- 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:

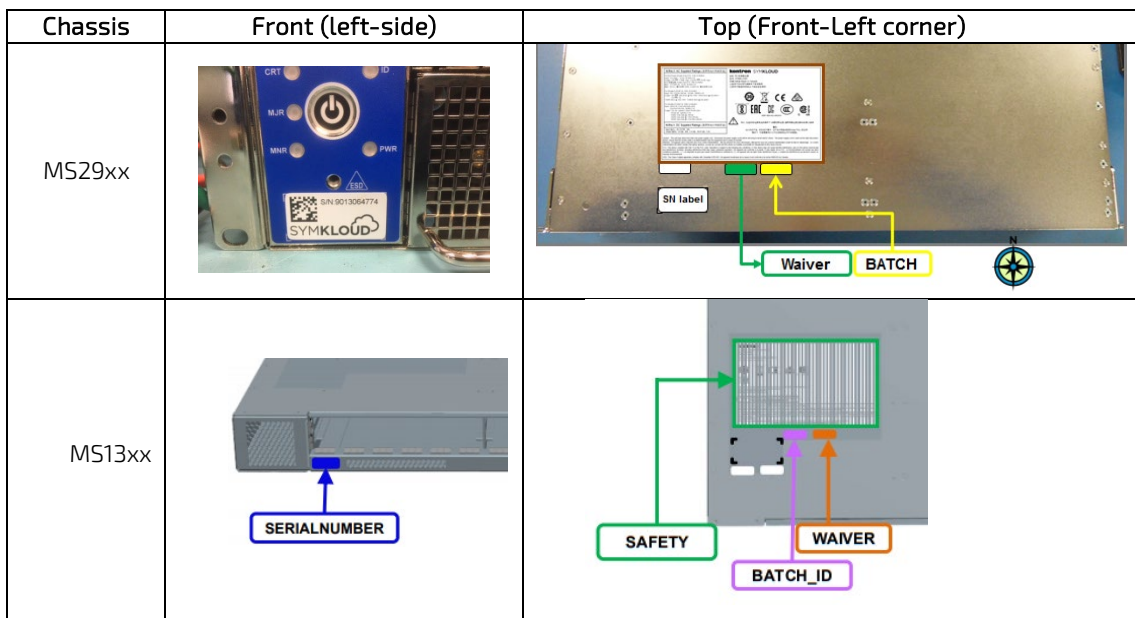
- From the Active ShMC's ipmitool interface (IoL, serial, etc.) with the command 'fru print'; the Chassis SN/PN is listed under FRU Device Description : "PDB 1 (ID 128)" and "PDB 2 (ID 130)"

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).



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