



S-Series V3.1.1 Release Notes

October 2025

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Issues fixed since V3.0.15 in V3.1.1

- Prevented issues when removing external USB device when loading or saving sessions.
- Insert send trim level now returns correctly after a console repower / session load / snapshot recall.

1.1 MQ Rack Support

With version 3.1.1, S-Series consoles now fully support the MQ-Rack.

The MQ-RACK provides 48 high quality microphone inputs and 24 line outputs, with 4 of these outputs switchable to AES/EBU digital Outputs, at 48 or 96khz sampling rates via MADI over BNC connection.

To connect this to the S-Series console:

- Connect the Out of the MADI Main connection on the MQ-Rack to the In on the DMI.
- Connect the Out of the DMI card to the In of the Rack.

If the MQ-Rack display is flashing green, it is receiving a valid clock signal and is working normally.

If the session is running at 96khz, the channel count down each connection is halved and you will need to connect a second pair of MADI cables to the MADI Aux on the MQ-Rack to the second pair of connections on the DMI card to receive all 48 input channels.

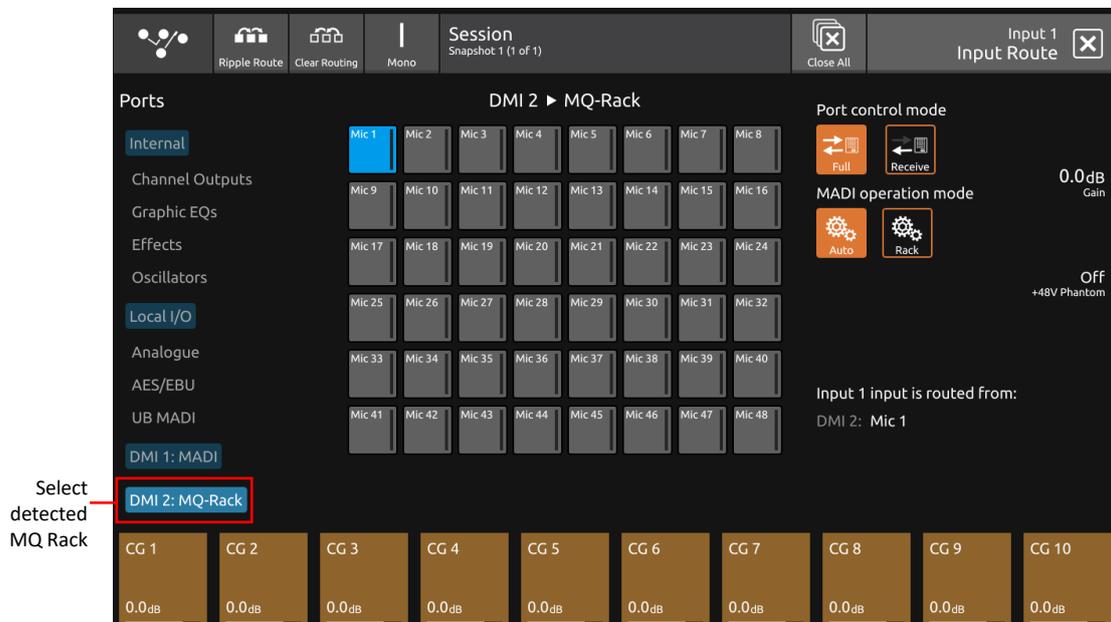
If you are running at 48khz, we can also share one MQ-Rack between two S-Series consoles by connecting the MADI Aux output of the MQ-Rack to the second console.

Once they're connected, you can select the DMI MADI as an input routing option on the console as you would any other DMI device. The console will detect it is seeing an MQ-RACK and give you controls for the gain and phantom power for each socket within the rack. If you're sharing a rack between two consoles, you are also able to assign whether one of the two consoles can only see the gain values and not control them.

From the output routing side, you have controls to switch your 4 flexi outputs between line out and AES/EBU as in the following images.

If you are using one console and one rack, we recommend you keep the console as the Master, with the MQ-RACK following the clock from the console. If you're sharing one rack between two consoles, one of your consoles must also follow the MADI clock to stay in sync with the rest of the system. This setting can be changed in the Audio Sync menu.

MQ rack detected on DMI 2 MADI B card – Input socket display



Line Out Switch option on all outputs

Line<->AES Output switches set to Line

Session Snapshot 1 (1 of 1)

Input 1 Output Route

DM1 2 ▶ MQ-Rack

Line Out 1 Line Out 2 Line Out 3 Line Out 4 Line Out 5 Line Out 6 AES Out 1 AES Out 2

Line Out 7 Line Out 8 Line Out 9 Line Out 10 Line Out 11 Line Out 12 AES Out 3 AES Out 4

Line Out 13 Line Out 14 Line Out 15 Line Out 16 Line Out 17 Line Out 18 AES Out 5 AES Out 6

Line Out 19 Line Out 20 Line Out 21 Line Out 22 Line Out 23 Line Out 24 AES Out 7 AES Out 8

Port control mode: Full, Receive

MADI operation mode: Auto, Rack

Input 1 has 2 output routes:
DMI 2: Line Out 1
DMI 2: AES Out 1

CG 1 0.0dB CG 2 0.0dB CG 3 0.0dB CG 4 0.0dB CG 5 0.0dB CG 6 0.0dB CG 7 0.0dB CG 8 0.0dB CG 9 0.0dB CG 10 0.0dB

AES Out Switch option on socket 6

Socket 6 AES Output switch

Session Snapshot 1 (1 of 1)

Input 1 Output Route

DM1 2 ▶ MQ-Rack

Line Out 1 Line Out 2 Line Out 3 Line Out 4 Line Out 5 Line Out 6 AES Out 1 AES Out 2

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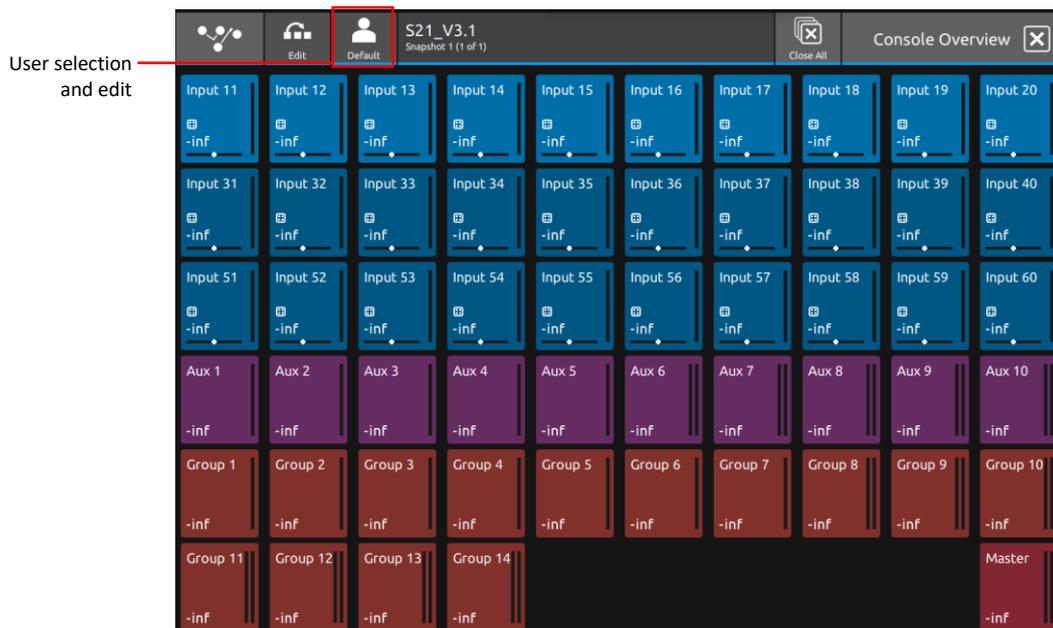
1.2 User Layouts

With version 3.1.1 there is an option to create User Layouts, allowing for multiple operators to have their favourite way of laying out the console or the ability to change layout for different bands as a show progresses.

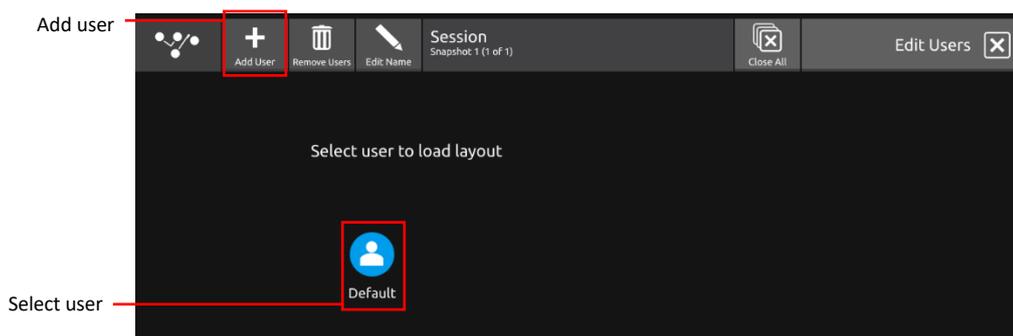
Switch to the Channel Overview display and you will see the **Default** user selected. simply press on the current user to open the **Edit Users** menu.

To create a new user layout, you can either start with the default layout or copy the current layout. Once created, you can easily change between layouts with one press of the overview screen top menu User > **Edit Users** button. The user menu can also be opened from a macro. Loading a new user will not interrupt audio, unlike loading a session, so can be done mid-show.

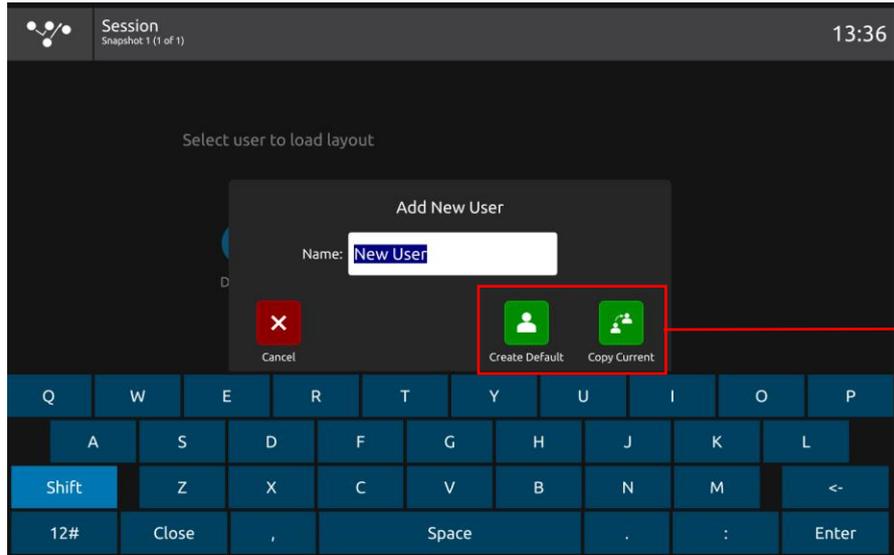
Open Edit Users



Select or Add user



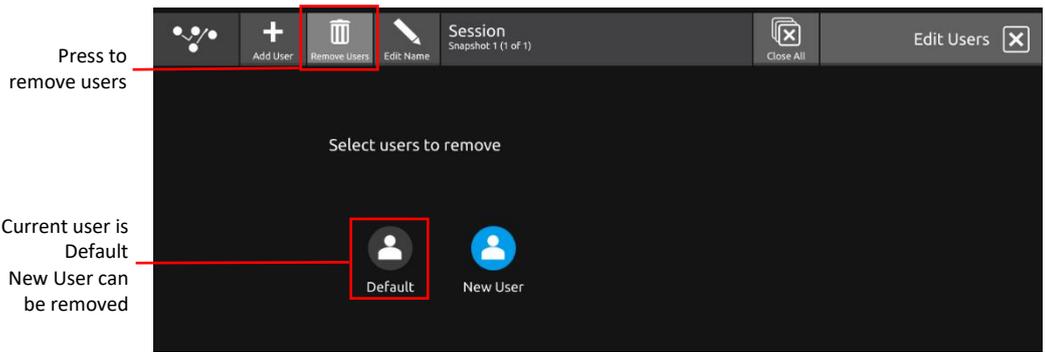
Enter a name for the new user



Keep current settings or apply defaults for the new user

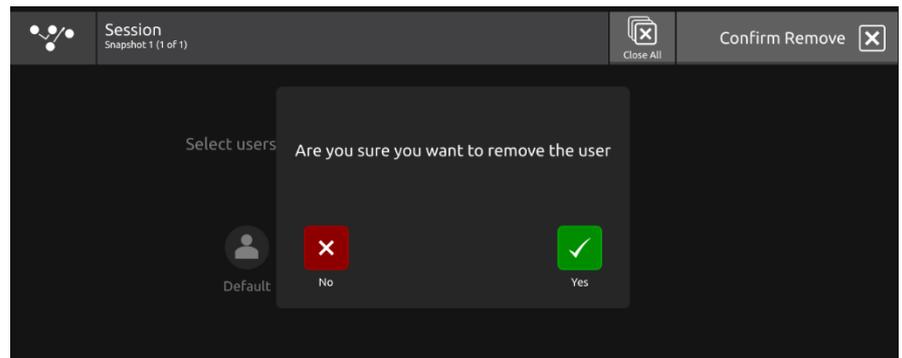
Remove an existing user

The current user cannot be removed but other users can be.



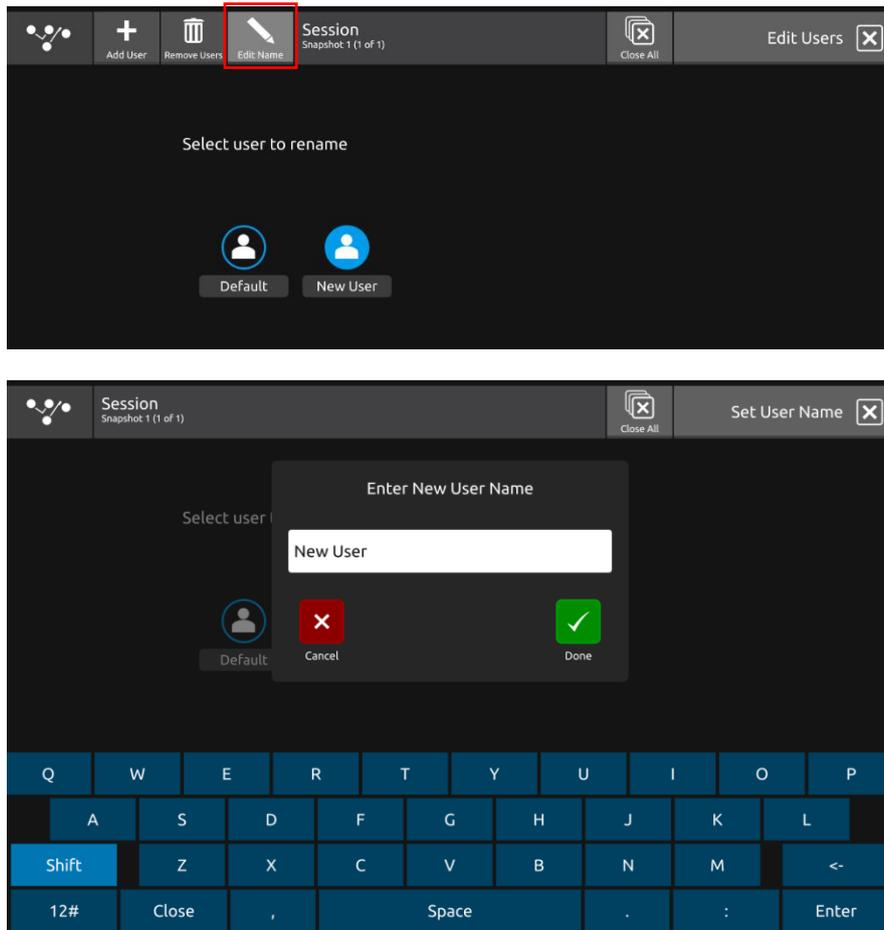
Press to remove users

Current user is Default
New User can be removed



Rename an existing user

Press **Edit Name** and enter a new name

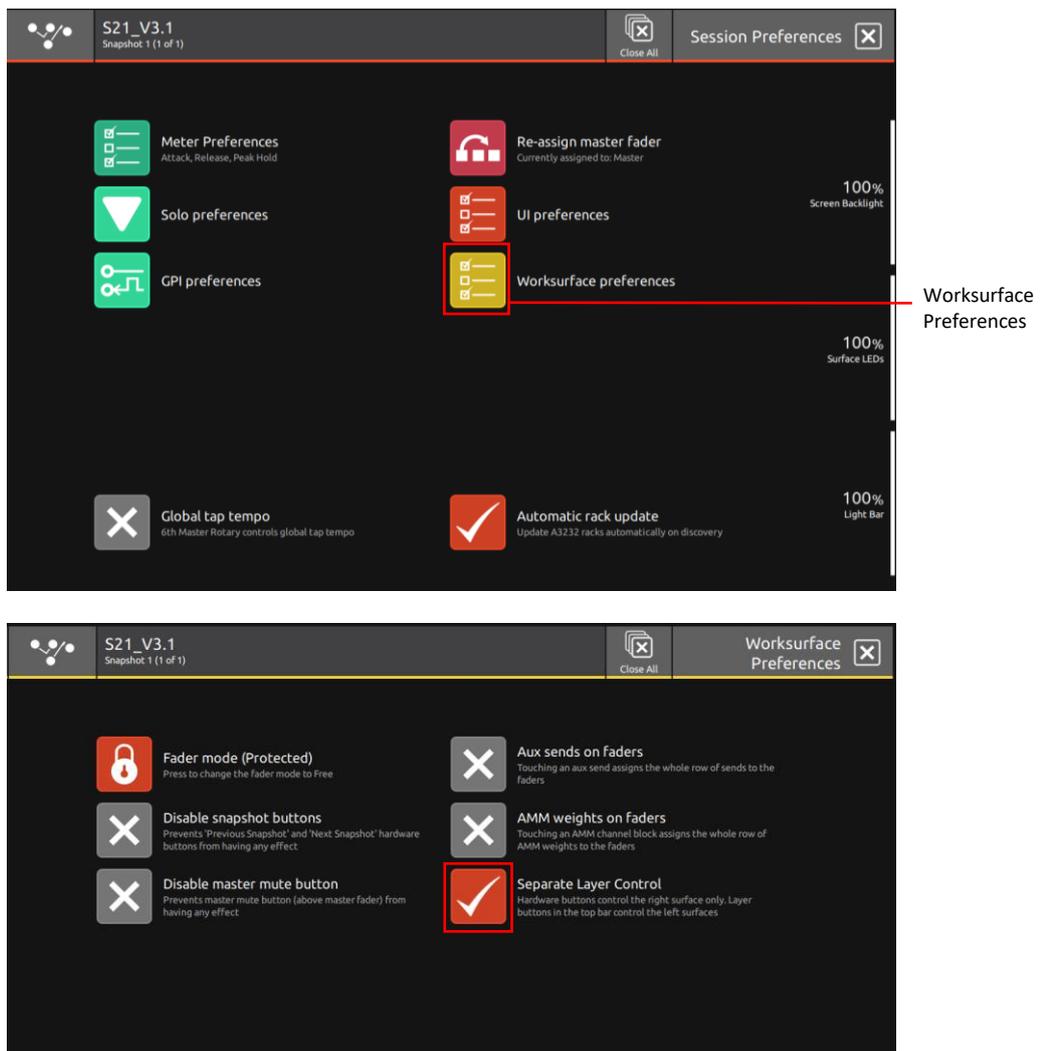


1.3 Separate Layer Control

Separate Layer Control allows for the left screen on an S21 or the Left and centre screens on an S31 to display and control a different layer to the one displayed on the right-hand bank.

In the **Main Menu**, press the **Preferences** button, press the **Workspace Preferences** button and then enable the **Separate Layer Control** option.

The hardware buttons now control the right surface only. The bank up and down buttons for the left section are added to the top menu bar, meaning it is always accessible. This is ideal for leaving a set of output controls on the right-hand side whilst scrolling up and down the inputs on the left-hand side.

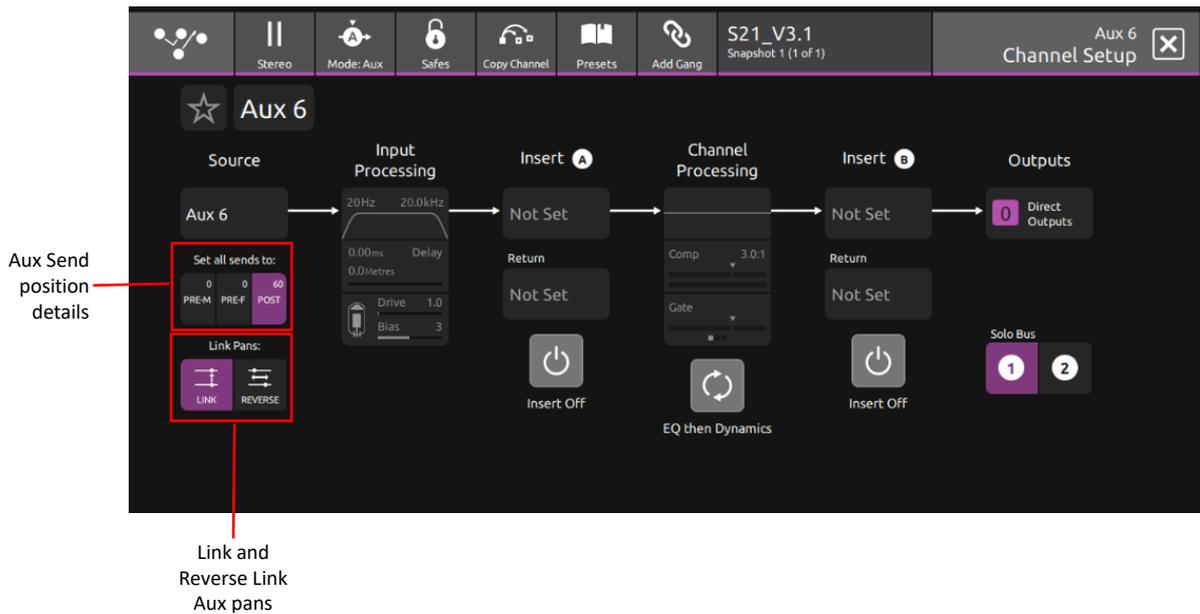


1.4 Aux Master Updates

In V3.1.1, the Aux Channel Setup display section of the console now includes a Link and Reverse Link pans function for stereo auxiliaries.

Link pans is often used for keeping FX sends lined up with the master panning layout and reverse link pans when mixing monitors from Front of House without having to manually pan each send inverted to the main mix.

The Auxes on the S-Series console can have different signal path positions, Pre-Mute, Pre-Fade or Post-Fade. A global position can be assigned to all sends on a given Aux but individual sends can also be adjusted independently. The total number aux sends in each of the 3 possible positions is displayed in the Aux Channel Setup.



1.5 Other New Features

- The position of the Aux sends is now always displayed on the channel strip: Previously, it would display nothing if the Aux Send was in Post Fader position.
- Macro menu rework: Mute CG and Spill CG macros have been condensed down from 10 individual macros in the menu, to just one which lets you select which macro to spill or mute.
- New Macros: User Layout and Separate Layer Control get a new macro. Fire Snapshot X is also a new macro.
- Skip Prev/Next Snapshots: Individual snapshots can now be skipped from the list.
- Hide Clock: The clock on the top menu bar can now be hidden.
- Shift Key Behaviour: Shift Key now has two modes – Shift and Caps Lock.

The current release code and its bundled firmware versions are as follows – red entries indicate changes for v3.1.1:

Description	Version 3.0.11	Version 3.1.1
Software	3.0.11	3.1.1
Worksurfaces	66	66
Engine : FPGA	26/03/2021	26/03/2021
Engine : DSP	08/11/2021	08/11/2021
DMI A3232 : FPGA	24/01/2019	24/01/2019
DMI A3232 : CPU	239	239
DMI ADC : FPGA	08/12/2015	08/12/2015
DMI AES : FPGA	08/12/2015	08/12/2015
DMI AMM : FPGA	29/01/2019	29/01/2019
DMI AMM : CPU	207	207
DMI Aviom : FPGA	08/12/2015	08/12/2015
DMI DAC : FPGA	08/12/2015	08/12/2015
DMI Dante : FPGA	02/03/2016	02/03/2016
DMI Dante 64 : FPGA	27/10/2021	27/10/2021
DMI Dante 64 : CPU	104	104
DMI Hydra : FPGA	08/12/2015	08/12/2015
DMI Hydra : CPU	222	222
DMI MADI : FPGA	28/02/2019	28/02/2019
DMI MADI : CPU	167	168
DMI-ME : FPGA	04/02/2019	04/02/2019
DMI-ME : CPU	238	238
DMI MIC : FPGA	21/06/2019	21/06/2019
DMI MIC : CPU	243	243
DMI Waves : FPGA	22/02/2016	22/02/2016

Note: if the DMI card CPU version is not specified then the general CPU version is 83.