MN SET

Release Notes

Release 5.00

Rev 1.1

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About this release

MN SET software allows the configuration a variety of Embrionix processing modules. The software can be used to configure, monitor and control the routing of flows by communicating with individual modules inside your network space. The MN SET designed as a server / client software; the server software can be installed on one PC and multiple instances of clients can connect to the server remotely or locally via an internet browser.

MN SET is available on MyRiedel https://myriedel.riedel.net/en/downloads/

Supported devices/APP's

Platforms:	**Software APP's:**
MuoN A1 MuoN A10 MuoN B10 MuoN B25 FusioN A10 FusioN B10 FusioN B25	ST2110 Gateways ST2022-6 Gateways ST2022-1/2 - ASI Gateways ST2110 UDC JPEG-XS Encode/Decode

MN SET includes

- Discovery of Embrionix IP devices
- Configuration of Control IP addresses for each device
- Configuration of flows
- Simple flow routing panel
- Device location
- Bulk configuration feature
- Useful Search filter and Sorting tools
- User login
- Upgrade management
- Available for Windows and Linux platforms

Release version 5.00 software

Including

Features, **B**ug fixes

Nbr	F/B	Feature	Description
58	F	Support of ST2110-SDI Gateway v3.5 enhanced audio mapping capabilities	ST2110 HD/3G Gateway APP has been updated to allow more flexibility on the audio mapping. MN SET now supports audio mapping for versions prior as well as V3.5 and higher.
843, 829, 784, 21, 199, 58,	F	Support of JPEG-XS Encoder and Decoder APP's	MNSET now support all JPEG-XS APP's with the following platforms MuoN B25, FusioN 3 B10 and FusioN 6 B10.
565, 785, 470, 509	B	FusioN 3B and 6B port configuration was not clear	Fixing the user interface for the Port configuration to be clearer with accurate feedback of the SFP image and clearer SFP selection.
211, 208, 835	B	Device and Flow Tags was broken in previous version 4.30.	Fixing the use of Tags to help grouping and searching Devices and Flows within the user interface.
777	B	SNMP MIB file was not accurate	When importing the MIB file to a MIB viewer, the container ID for ST2022 was applied to ST2110 type flows.
212	B	Format selector on a HD/3G de-encapsulator presented UHD formats	When using the manual configuration for the format on the ST2110 HD/3G de-encapsulator, the list of formats included additional UHD formats not supported by the device.
467	F	Loss of signal behavior on SDI output (black, freeze, blue & no signals)	Devices that provide SDI output(s) can be configured to either generate a black, freeze, blue or no signal when losing the input signal
202	B	ADD-on license configuration not clear	The status of the ADD-on license enabled or not enabled was not refreshed. The new interface now shows in Green or Red when either enabled or not enabled.
460	B	Long waiting time when switching between Device List and Flow list,	When there is a long list of flows discovered by the application, the change of view from Device list and flow list was taking 3sec-10sec. The page now switches immediately and a progression status is available.
852	B	Warning flags cannot be de-activated	When un-checking all Error Flags within the MN SET List view, the flags were not de-activated.
21, 200, 203	F	Virtual Devices issues	Some non-applicable devices were available in the Virtual Device creation. It one case also, it was not possible to set the Format of the receiving flow. It was also not possible to change the name. This was fixed and now includes JPEG-XS device
824	B	Using View only privilege was still allowing editing of Audio Mapping	Now when selecting View privilege, audio mapping cannot be edited
826	B	GUI Duplication issues when the user was granted with View-only with exception of Upgrade permission	*Fixing with No UI duplication and Upgrade page be available if the user access with the role View-only. Upgrades in this case is not accessible.*
874	B	User/role permissions were not properly managed	*When configuring users with an assigned role, the permissions were not always properly managed*
861	B	SNMP agent for a single Device type only	At this time, when creating multiple Arrays of devices with different types, only the first Array can be used to generate SNMP traps.
893	B	5.00 User Guide and Release notes are not restored when	When restoring the backup, the release note from previous version will be restored.

		restoring a backup after installation	Workaround: Download 2 files User Guide and Release Notes as properly with the current version from the Riedel Download website https://myriedel.riedel.net/en/downloads/ Copy 2 files to the proper folder For **Linux**: copy to /opt/mnset/data using command: sudo scp 'MN SET_Release_note-500.pdf' 'MN SET-UG01-500.pdf' /opt/mnset/data) For **Windows**: copy to C:\Program Files\Riedel MN SET\data **Important:** The file name format must be correct For release 5.00: 'MN SET_Release_note-500.pdf' and 'MN SET-UG01-500.pdf' For release 4.3: 'MN_SET Release_note_430.pdf' and 'MN SET-UG01-420.pdf'

Knowns limitations and issues

Upgrading to 4.30 and 5.00 version may cause issues due to stored data from the previous version. Therefore, it is required to fully de-install the previous version prior to proceed with the installation of 4.30.

Audio Mapping in Pan B is not available since Version 4.30 with this release. You need to use the audio mapping user interface in PAN A as an alternative.

Audio delay adjustment can be accessed via the RESTful panel, not via the normal user interface yet.

Program Clear with multiple modules If you clear programs from more than one device at a time, all selected devices will report an error message. Ignore this message, the status will change back to ONLINE nonetheless.

Program upgrade with multiple modules The status of the first device upgrade will be applied to all other selected modules, which might be wrong. You may ignore the status and wait an extra 4 minutes to make sure all modules are upgraded prior to reboot or try accessing the other modules.

Release note and User Guide may not come up The PDF document won't open if the browser is set to block pop up or an ad blocker is enabled.

Importing from .CSV file is rejected When important from a .CSV file, the action might be rejected in the process if some of the fields are invalid. Make sure all fields in the spread sheet contain valid information (i.e. IP addresses), otherwise, the modules will reject the configuration. Also, make sure the to import entries for ST2110 encap and ST2110 decap only. Delete other entries from your .CSV before re-importing.

PAN B configuration parameters not refreshed after a change of Program After changing a Program on a device, the PAN B configuration might not be updated with the new parameters. Select another device and select again this device to refresh the view.

NBAPI Rest port is not configurable by user The user cannot change the port of the NBAPI Rest in the admin page.

FusioN 6B and FusioN 3B port configuration page might have incorrect information When a port configuration is changed, the device will reboot. It can happen that when the device is rediscovered by the MN SET that the information of the port is not updated at that time, but the change has been made to the device properly. The updated status will be available within 5 minutes of time.

Slow UI response When updating parameters on the device, in some cases, you may have to wait up to 30s before the status is refreshed although the command has been accepted and successfully processed.

When proceeding with a backup of the database with new devices not yet supported, the entire backup is not completed successfully. To make a success backup, only select devices that are currently supported by the application.

5.00 User Guide and Release notes are not restored when restoring a backup after installation. When restoring the backup, the release note from previous version will be restored.

Workaround:

Download 2 files User Guide and Release Notes as properly with the current version from the Riedel Download website https://myriedel.riedel.net/en/downloads/
Copy 2 files to the proper folder
For **Linux**: copy to /opt/mnset/data
using command: sudo scp 'MN SET_Release_note-500.pdf' 'MN SET-UG01-500.pdf' /opt/mnset/data)
For **Windows**: copy to C:\Program Files\Riedel MN SET\data
Important: The file name format must be correct
For release 5.00: 'MN SET_Release_note-500.pdf' and 'MN SET-UG01-500.pdf'
For release 4.3: 'MN_SET Release_note_430.pdf' and 'MN SET-UG01-420.pdf'

Inconsistant Device IP address displayed in the REST UI using Firefox versus Chrome. Chrome shows IP address and host names in the Device selection whereas Firefox only shows host names.

[Array - Mib file] Should only contain one device type of the selected Array after extracting MIB file.

North Bound API port or IP cannot be configured through the Admin UI. You can although edit the port number directly from the .json file located here C:\Program Files\Riedel MN SET

CSV import with FusioN 6 is not functional. Error 500 is reported. CSV import with all other products is functional

Previous versions

Release version 4.30 software

Including

Features, **B**ug fixes

Nbr	F/B	Feature	Description
720	F	New and improved audio mapping user interface	New workflow to ease the configuration of audio mapping for the different products, supporting each product characteristic with number of flows, number of audio channels as well as the different mapping transfer functions. This interface is available in PAN A of the interface. The interface from PAN B becomes obsolete and was removed from the interface.
	F	Support of ST2110 HD/3G Gateway version 3.6 enhanced audio mapping	With version 3.6 audio mapping of the encapsulator has been improved to allow possibility to repeat audio channel and freely map channels to any flow any number of times
652	B	FusioN 6 audio mapping was not property managed	Fixing audio mapping of FusioN 6 with new audio mapping feature
695-737	B	Issues when importing and exporting .cvs files	Various issues related to importing and exporting to a .cvs file supporting recent APPs were solved.
746	B	Clean switching issue	Clean switching mode was not properly executed from the application.
744	B	Configuring management IP settings	Only the management IP address was sent through when configurating the various management IP address parameters of the device.
707	F	Packet interval time monitoring	Adding the monitoring of packet interval time in the monitoring interface.
727	B	Issue when using backup feature	When executing backup recovery, the application sometimes got into an infinite loop.
736	F	Allows the setup of an SNMP trap receiver IP address	In previous version, it was only possible to receive SNMP traps at a fix IP address. Now this is configurable.
712	B	Significant performance issues using MN SET	The software did show performances issues and was using important memory and computer resources from the CPU. This was greatly improved with this version.
666	F	Support of new features from SST2110 UHD Gateways	New features provided with version 3.1 of UHD gateways have been added to the interface.
677	F	Logical Routing for FusioN 3B and Fusion 6B	Logical Routing is now supported for FusioN 3B and Fusion 6B
592	F	APP's data recovery	Allow the backup and recovery of APPs data through the upgrade process.

Release version 4.20 software

Including

Features, **B**ug fixes

Nbr	F/B	Feature	Description
668	F	Interface rebranded to Riedel	The Embrionix emSET software we rebranded to Riedel MN SET
666	F	Support of UHD Gateways Version 3.00	ST2110 MuoN, FusioN Gateways Version 3.00
667	F	Support of new features version 3.20 HD/3G gateways	
500	F	Support of Up/Down/Cross converter	MuoN B25 with UDC APP
585	F	Use of a database	The software changed its storage mechanism from a flat file strategy into a full MangoDB database. This will improve the performance and efficiency.
611	F	Support of dual MAC feature	Secondary management IP address for FusioN 3 + FusioN 6 + MuoN B series
591	F	Improved Quad-link configuration menu	
576	F	Setup/Monitor button improvement	
493	B	CPU Performance	Improved/fix performance issue of the application running in Windows.
619	B	Clean switching was not clean	
613	B	Clean switching was not working on ch2	
601	B	Reference setting	The reference setting was not available on FusioN 6
646	B	PTP configuration in REST page was not available	Can't configure PTP, as UUIDs are not displayed as buttons to go further down in the API tree
423	B	Progress/loading bar until MIB is ready	
566	B	Frame sync and clean switch Add-on	Is now greyed out if the feature is not licensed
563	B	Static location FusioN 6 was not available	
522	B	Program default was not functional	
542	B	Configuration data such as (TAGs and Logicals) we not saved	
629	B	Fix the support of ST2022-6 APP	Unable to control a 2022 device on 4.0 or 4.1 on specific system
650	B	Login page flashing after MN SET upgrade	
618	B	Unable to get to device or location tab on a FusioN 3 via PTP tab	

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