Integrus version 4.30

en Release Notes

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1   History

Release	Release Date	Release Comments
4.30.38858	2024-07-30	This release is part of • DICENTIS 6.20.24 and 6.21.34 • Standalone installer 2.00.149 Added functionality: • New web based user interface for configuration. • Integrus can be used with Dante sources in Manually controlled mode. • Integrus can be used with a combination of DICENTIS and Dante sources in Manually controlled mode. • Analog Aux input can be routed to all transmitted channels via contact input.
4.20.33007	2023-02-11	Initial version: • INT-TXO is supported by DICENTIS 4.20.33007

2   Security measures

The installer takes care of security measures to prevent improper use of the system via the Internet and local wired or wireless networks.
Consider the following items to increase security:
- Change the admin user name
- Prevent unauthorized access to the INT-TXO
- Prevent unauthorized physical and logical access to the wired Ethernet connection of the INT-TXO
- Place the INT-TXO in a separate VLAN
- Use a firewall
- Install the latest INT-TXO software
- Set a PIN code on each DanteTM device (see Setting a PIN code for a Dante™ device, for detailed instructions)

2.1   Setting a PIN code for a Dante™ device

To increase security and prevent access from unauthorized parties, a technician should set a 4-digit PIN code to lock each DanteTM device in the network.
To set a PIN code for a DanteTM device:
1. Open the Dante Controller application
2. Select the Device Info tab
3. In the Device Lock column, left click the row of the device you wish to lock
4. Enter a 4-digit code in the PIN field, and confirm the code in the Confirm PIN field
5. Click the Lock button: The PIN code is now set for the DanteTM device.

3   Information not mentioned in the manual

3.1   Logging level

The Technician can set the logging level for the INT-TXO if Bosch support requests for more in depth logging information.

The advised log level is default.

- With this selection DICENTIS can control the logging level and set another TXO-logging level. If the INT-TXO is not connected/controlled by DICENTIS, then it will use the Warning level.

If you set the logging level to a different level, then it overrules the DICENTIS requested log level. The log level is persistently stored, meaning that after a power cycle it will not revert to default again.
The advice is to use the default level so that logging will not impact performance of the INT-TXO.

Level		Description
Default	0	The default loglevel. When Default is selected, then DICENTIS can control the loglevel.
Trace	1	The loglevel for traces. The DICENTIS set loglevel is ignored.
Info	2	The loglevel for informationals. The DICENTIS set loglevel is ignored.
Warning	3	The loglevel for warnings. The DICENTIS set loglevel is ignored.
Error	4	The loglevel for errors. The DICENTIS set loglevel is ignored.

3.2   Dante support

When the INT-TXO is in manually controlled mode, then both DICENTIS as Dante sources can be connected. The Dante sources can be unicast or multicast and 1 flow per stream.
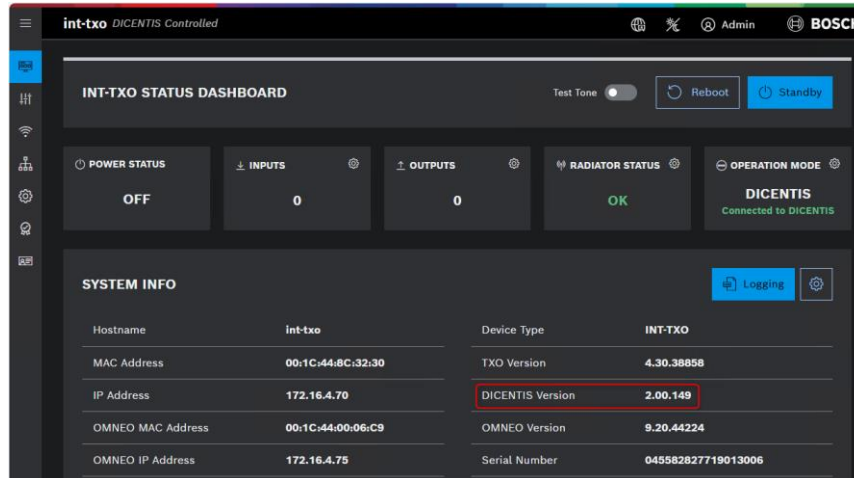
Dante glitch free is not supported.

The INT-TXO can also be enrolled in the Dante Domain Manager when it is in Manually controlled mode.
Note: un-enrol the INT-TXO from the Dante Domain Manager before setting the INT-TXO back to DICENTIS controlled mode. Not doing so can cause unpredictable behavior.

3.3 INT-TXO stand alone software

When the INT-TXO is used together DICENTIS then use the DICENTIS Firmware Upgrade tool to load the TXO-firmware in the INT-TXO which is supported by DICENTIS.

When the INT-TXO is used without DICENTIS you can still use the DICENTIS supportedTXO-firmware. But you can also use the TXO-firmware which does not DICENTIS connection. This firmware is also uploaded via the Firmware upload tool. The first version is 2.00 and is shown as DICENTIS version in the TXO webbrowser.

4 Known issues

4.1 Integrus INT-TXO restarts after several Operation mode switches

Issue:

After switching the Operation mode of the INT-TXO several times between DICENTIS controlled and Manually controlled, the INT-TXO will restart for optimum performance.

Workaround:

This restart is done automatically, so no action required.

4.2 Integrus frontpanel LED

Issue:

After powering up, booting, of the Integrus INT-TXO the frontpanel LEDs light up shortly from green to orange, showing an incorrect state.

Workaround:

This is resolved automatically within 5 seconds, so no action required.

4.3 Integrus demonstator shows 500 Internal Server error

Issue:

Upon pressing F5 the demonstrator shows a 500 Internal Server error.

Workaround:

Do not use F5 in the demonstrator application as this automatically logs out the user. After pressing F5 (refresh) you need to login again.

4.4 Integrus remains in static IP when downgraded to 6.11 (or lower) software

Issue:

Upon pressing downgrading a INT-TXO which has Static IP-addresses configured, the CAP-adapter remains to have a static IP-address.

Workaround:

Upgrade the INT-TXO to 6.20 or more recent version and set the IP-addressing to DHCP. Then downgrade the INT-TXO again.