

## Release note for 2.2.4

### Notes

**IMPORTANT:** All customers must update their btlicense.btl when upgrading to this release, due to the new output licensing system that has been implemented. If you have done this and are still getting an unauthorized system notification, please contact support@blacktrax.ca.

The new default timing for Centroid Jump Smoothing is 50ms. If upgrading from 2.2.0 or 2.2.1, this setting will remain at 100ms. It is recommended to change this setting back to 50ms.

Please note that RTTrPA, Centroid Types, and disabling Pan-Flip Dimming are no longer supported as of this release. Per Chapter Beacon Assignments are also removed, but a new Replace Trackable option has been added in its place.

As more information is now being sent to BTWYG, a new Apply Option has been added to accommodate this change. If you do not wish to use BTWYG (and thus do not want BlackTrax to error at you after each Apply Changes), please turn off BTWYG Changes from the Apply Options setting menu in the Status Bar.

### Motive Dongle Date Requirement:

July 26<sup>th</sup> 2016

### Major changes:

- Additional licensing has been added to limit the number of outputs allowed (all existing systems are set to an unlimited license)
- Replace Trackable option in Chapter programming
- Bug fixes

### Known issues:

- BlackTrax may prompt you to save a file even when there are no changes to the file

### Firmware Package Date:

August 2017

### Build Numbers:

BlackTrax: 2.2.4.11258

BTWYG: 2.39.58.209

Motive: 1.10.1.3.28991

### Server Version Requirement:

July 2016

### Compatible with RTTrP Versions:

6

1.8.3

1.8.7

## Features and Fixes:

### Bug

- *Fixed: Fixtures would flash on when going between two chapters with mismatching zones*
- *Fixed: Opening a project that is unicasting on local loopback results in the Main GUI prompting you to change your NIC incorrectly*
- *Fixed: You could not change the Art-Net output's NIC after creating the output*
- *Fixed: Art-Net outputs would not display their address and port in the editing section of Output Configuration*
- *Fixed: Filtering by assigned status in the Library widget would not do anything*
- *Fixed: Closing BlackTrax sometimes would display the wrong icon in the confirmation pop up*

### New Feature

- *Additional licensing has been added to allow the system to be operated in a restricted output mode*
  - *Existing dongles are all set to an unlimited output license*
  - *If a project is opened and it has more enabled outputs than the current license allows, a message will alert you of this and disable all outputs; you may re-enable outputs (up to the number in their license) if you wish*
    - *Likewise, if .btoc is imported with more outputs enabled than the current license allows, the same thing will happen*
    - *If existing outputs are multicast or broadcast, they will be converted to unicast outputs and defaulted to unicast to 127.0.0.1 (this may be changed to another IP after)*
  - *Multiple outputs may be created, but only the licensed amount of outputs may be allowed to be enabled at any given time*
  - *For all licenses other than unlimited, outputs are limited to unicast communication meaning each output can only send to one machine at a time*
  - **Note:** *Because of the new license system, all customers must update their btlicense.btl from the Member's Only Downloader*
- *Right clicking on a Trackable that is assigned in a Chapter now allows you to select another unassigned Trackable to replace it with*
  - *All fixtures assigned (and their fixture settings) will be moved to the new Trackable, the new Trackable added to the Chapter, and the old Trackable removed*
  - *This was created to address the use cases of the Per Chapter Beacon Assignments that were removed in a previous release*

### Improvement

- *BTX Dongle and current output license are now displayed in the About window in the Main GUI*
- *Output Configuration now has an 'Enable All' option under the output table to enable or disable all outputs in a project*

- *BlackTrax will now check every hour if the Windows network settings have changed since the Main GUI was started and will alert you if changes are found, prompting a reboot of the software*
- *If a NIC is missing for an Art-Net output, the Main GUI will now prompt you to select another 2.x network as a replacement upon project open*
  - *If no other 2.x networks are available, the Art-Net output will be marked for deletion*
- *If a Tracking Adapter or Follower instance is started, it will no longer output until it receives a sync message from the Main GUI; this is to prevent it using incorrect/outdated configuration information and potentially creating excess network traffic*

### ***Design Review***

- *Output Configuration now has checkboxes in the table next to each output to enable or disable them*
- *Output Configuration now displays the current output license under the output table*
- *Removed copyright year from .exes*