

Release note for 2.1.1 Release Candidate

Notes

As this is Release Candidate, please be mindful of any bugs or issues you may come across and email support@blacktrax.ca with any findings.

It is recommended to 'Reset BTEngine Settings' when upgrading to this release to ensure that any previous configurations from previous versions are re-synced to the Main GUI.

Projects saved with BlackTrax 2.0.5.9853 (Weeknd Build) will not be compatible with this release currently.

It is advised to revert all projects back to Point Cloud v2 for the time being as there have been some stability issues reported using Point Cloud v4.

Motive Dongle Date Requirement:

July 26th 2016

Major changes:

- BTWYG R38 including truss mirroring, importing fixtures from a spreadsheet, auto grouping for fixture groups, library additions, and all other features and bug fixes from WYSIWYG R38
 - Please see the WYSIWYG R38 release notes for full details
- New projects start with a default BTWYG BTX file pre-loaded, meaning you can start using a BlackTrax project without needing to first import WYG data (useful for third parties and media server customers)
- BlackTrax Network now supports up to 256 universes
- Several bug fixes including status in Output Configuration reports correctly now

Known issues:

- Undo Stack doesn't undo all the way to the defaults
- Undo Stack doesn't undo a fixture setting change if the change has been redone previously
- Output Configuration's status will not update until you mouse over them

Firmware Package:

v2.7.0.41

Build Numbers:

BlackTrax: 2.1.1.10048

BTWYG: 2.38.51.202

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: GUI would sometimes crash when deleting an RTTrPM/A output*
- *Fixed: Defaults for Integer and Float Point values for new RTTrPM/A outputs were swapped, causing most third parties unable to receive RTTrPM by default*
- *Fixed: RTTrPM/A outputs would stay 'Disconnected' after the Main GUI was rebooted or the project was closed and re-opened while the corresponding Tracking Adapters were still running*
- *Fixed: Output's statuses are now reporting correctly and are updated in real time*
- *Fixed: Changing selection of RTTrPM/A outputs will no longer result in statuses changing incorrectly*
- *Fixed: RTTrPL would display incorrect status with several RTTrPM/A outputs active*
- *Fixed: RTTrPL status would not report anything other than 'Disabled' or 'Disconnected'*
- *Fixed: RTTrPL status will no longer jump between 'Sending' and 'Standby' rapidly after rebooting the Main GUI while Follower is still running*
- *Fixed: When a BTEngine module is disconnected from the Main GUI, the corresponding output's status in Output Configuration would still say 'Sending'*
- *Fixed: Disabling an RTTrPM/A output would report 'Disconnected' instead 'Disabled'*
- *Fixed: Tracking Adapters would not close when applying a new project that does not have those outputs in the new project file*
- *Fixed: Tracking Adapter will no longer ask you to confirm saving an empty beacon list if you apply changes with no beacons selected*
- *Fixed: Tracking Adapter will now check for other instances of the same name and prevent multiple instances from being created*
- *Fixed: In some situations, creating an RTTrPM/A output was not possible if the label was the same as a previously deleted output*
- *Fixed: No longer able to type into the 'Label' cell of an output in the Active Outputs table*
- *Fixed: Deleting an RTTrPM/A output wouldn't always delete the corresponding configuration files in bt_run_time*
- *Fixed: IP addresses that cannot be resolved will no longer be able to be applied in Output Configuration*
- *Fixed: Unicast outputs were not able to be applied*
- *Fixed: You can no longer apply an output without specifying an address or a port number*
- *Fixed: Changing the NIC field no longer resets the Address field if Unicast or Multicast is selected*
- *Fixed: The Address field was not being correctly populated based on the Communication field's selection*
- *Fixed: Changing NIC, Address, or Port would result in the output not actually being enabled once the change was applied*

- *Fixed: Unicast and Broadcast connections would not work in all situations due to an incorrect IP configuration being sent to Tracking Adapter*
- *Fixed: Was not previously able to change the Art-Net NIC after output creation*
- *Fixed: Port is no longer editable for Art-Net outputs*
- *Fixed: Art-Net will no longer disable itself after Follower restarts*
- *Fixed: Subnet masks were not being resolved correctly in all situations for broadcast connections, resulting in the 'Address' field being populated with 255.255.255.255 incorrectly*
 - **Note:** *255.255.255.255 may still appear in the address field if the NIC selected cannot be resolved (the NIC is no longer present in the system for example)*
- *Fixed: Can no longer enter letters into the Address or Port fields in Output Configuration*
- *Fixed: Error message for having a blank address entered no longer appears in the Messages widget (is only a pop up now)*
- *Fixed: Rebooting Tracking Adapter would not re-load the beacon list automatically*
- *Fixed: Deleting Beacons from the project will now also remove them from any assigned outputs*
- *Fixed: Applying BTWYG information would reboot all open Tracking Adapters*
- *Fixed: Unable to reboot Monitor from the Main GUI after the Main GUI was rebooted*
- *Fixed: Now able to delete a disabled output*
- *Fixed: Ability to delete multiple outputs with the same apply changes action*
- *Fixed: RTTrPM/A outputs would not be deleted until the project is saved*
- *Fixed: Saving a project with a deleted output, while Monitor is closed will now result in Monitor launching and marking the output for deletion instead of falsely reporting the output is sending*
- *Fixed: Error for Monitor failing to launch is now actually an error*
- *Fixed: Output Modules for RTTrPM/A outputs were not correctly saved/recalled when re-opening the same project, with the default modules being selected again*
- *Fixed: Smoothing slider is now disabled again if Acceleration and Velocity is disabled, or Output Raw Position is enabled*
- *Fixed: Beacon list now locks on project save*
- *Fixed: Deleting an output didn't trigger the project to be marked for saving*
- *Fixed: Entering a Chapter with Smooth Pickups enabled, directly after leaving a Chapter with Auto Douse enabled (while Auto Douse has doused out the fixture) would result in the fixture never turning on in the Chapter with Smooth Pickups enabled*
- *Fixed: Changing output selection no longer triggers Changes:Blind*
- *Fixed: Changes:Blind now trigger when a Trackable group has been deleted*
- *Fixed: Project Properties' Show Name, Show Author, and Description are no longer carried over from the existing project when creating a new project*
- *Fixed: Start Menu shortcuts weren't properly cleaned up after a BlackTrax upgrade*
- *Fixed: OSC Adapter, Cue, and Monitor were not uninstalled correctly*
- *Fixed: Uninstaller didn't check for Monitor running on the system before install/uninstall*
 - *Fixed: BTWYG did not work on some dual-XEON systems with a high number of cores*
 - *Fixed: Deleting a Shaded View Profile in a Custom Tab Shaded View may crash BTWYG*

- *Fixed: Attempting to export a Spreadsheet which has "group by" set, would crash BTWYG*
- *Fixed: If you press Alt+F4 when you have a patch window open (in Live view), it will crash BTWYG instead of closing the patch window*
- *Fixed: If a Layout Template contains an Item which is set to a particular Scene, using this Layout Template to create a new Layout will crash BTWYG*
- *Fixed: When a file is saved with an older version of a fixture which is incompatible with the current library, this will cause fixture errors and eventually lead BTWYG to crash*

New Feature

- *New projects and the BlackTrax Template file now has a default BTX file loaded into the project automatically allowing the user to apply changes without needing to create and export a BTWYG file*
- *Import fixtures from spreadsheet files - This new import option takes fixture information listed in a Spreadsheet file (CSV, XLS, XLSX) exported from other software and/or lighting consoles, and offers a new import process to help you insert Fixtures into your drawing easily*
- *Image textures with alpha transparency with PNG images*
- *BlackTrax Network now supports up to 256 universes*

Improvement

- *Sending Trackables for outputs no longer appear unless a valid RTTrPM or RTTrPA output is selected*
- *All outputs will stay 'Disconnected' until the project has been applied, at which point the status will update correctly*
- *RTTrPL's Network fields are no longer editable*
 - *In addition, Tracking Settings, Output Modules, and Advanced settings are all disabled for RTTrPL and Art-Net outputs*
 - *When RTTrPL/Art-Net is selected, the Network and Tracking Settings tab are automatically selected*
- *When creating a new output, IP addresses that are default IP addresses for BTNet, RTTrPL, and BTLINK will no longer be available to be selected (depending on server image version)*
- *Art-Net outputs can only be output on 2.x networks*
- *Added a warning message when a project is opened and a saved output's configuration cannot be read from bt_run_time*
- *Module Status now displays context sensitive menu items (for example if the module is not running, it will say 'Start' instead of 'Restart')*
- *Improved shutdown and restart mechanics for BTEngine modules when interfacing with the Main GUI*
- *Improved configuration syncing between BTEngine modules and the Main GUI to ensure updated configurations are pushed correctly to background modules in more situations*
- *BTWYG Template has been updated to include some basic layers*
- *Auto-Create Fixture Groups - A new option is available when right-clicking in the Fixture Groups shortcut bar named Auto-Create Fixture Group, this command will automatically create a Fixture Group shortcut of each fixture type from the selected fixtures, or of all fixtures if none are selected*
- *Truss Mirroring is enabled for straight and curved truss objects, and some corner pieces too*

- *Library Improvements - Many new library items are available in R38 (201 fixtures, 3 accessories, 181 gobos, 105 truss items, 57 library objects)*

Design Review

- *Added port information to the details column in Output Configuration*
- *Made Output Configuration's default size wider to see statuses without being cut off*
- *Increased column width for the 'Module' column in Module Status*
- *Re-ordered the Settings menu to place Output Configuration and Project Properties on top*
- *New icons for*
 - *Smooth Pickups*
 - *Auto Douse*
 - *Reset BTEngine*
 - *BTEngine*
 - *Record Mode*
 - *Output Configuration*
- *Undo Stack and error message grammar updates*