

Release note for Device Manager 2.1.3 BETA

Notes

First BETA release of Device Manager. This application can be run on any Windows 7 SP1 PC or later, or a BlackTrax Server running the February 2016 OS or later.

In order to connect to existing Charging Stations, the Charging Station OS needs to be updated to be compatible. Please see the instructions on how to do that, and how to download the necessary files, on the Device Manager section of the Downloads page.

As this is a BETA, please report any bugs to support@blacktrax.ca.

System Requirements:

- PC running Windows 7 SP1 or newer
- Intel Core i3 2.0GHz or equivalent AMD processor
- 2GB RAM
- 200MB of free space
- Network Port with a 10.133.5.X IP address

Major changes:

- All new version of CSM with new GUI design and features
- Connect to Charging Stations for remote access of Beacons via the network
- Preset Beacons allow easy programming and swapping of Beacons

Known issues:

- None

Firmware Package Date:

May 2017

Build Numbers:

Device Manager: 2.1.3.10268

Server Version Requirement:

February 2016

Features and Fixes:

Bug

- *Fixed: Device Manager will no longer crash when disconnecting a Beacon from a Windows 8 or later machine*
- *Fixed: Time slot 1 wasn't actually being set to time slot 1*

New Feature

- *Ability to connect to Charging Stations over ethernet and configure Beacons, TimeKeepers, and Routers remotely*

- **Note:** The Charging Station's OS must first be updated to support the new firmware, see instructions on how to do that from the link in the Device Manager section on the Downloads page
- Ability to configure Charging Station settings remotely over the network
 - Configure the ID of Charging Stations (the ID also becomes the IP – for example 10.133.5.ID)
 - Upload firmware to a Charging Station (must already have a compatible Charging Station OS first)
- New Preset Beacons – easily configure all perimeters of a Beacon (ID, LEDs, brightness, wireless channel, etc) with a press of a button
 - Selecting several Beacons while using this feature will assign all Beacons a different preset, incrementing by 1
- Automated firmware upload process with a progress bar and status updates, removing the need to jump in and out of bootloader mode manually
- Filter the device table by device type (Beacon, TimeKeeper, Router)
- There is now an installer that installs the Beacon drivers and all required components for Device Manager to function
- Moved all original settings and configurations from CSM to a new Advanced Mode with a disclaimer

Improvement

- Device Manager will boot up with 10.133.5.9 (or .19 if on a backup server) defaulted as the IP, if found on the system
- Serial number and product info has been changed to a read only perimeter
- LED On and Off Offset are now represented as a brightness value between 1-8ms
- Removed compatibility check for device firmware (devices claiming to be incompatible when that was not true)
- TimeKeeper and Router will now automatically jump to main firmware when connected to the Device Manager

Design Review

- New docking widget GUI design based on the BlackTrax Main GUI
 - Centre area lists all connected devices (Beacons, TimeKeepers, and Routers)
 - A widget for Device Settings have been added, populated based on selection of the centre area
 - A Charging Stations widget has been added to display all connected / found Charging Stations on the network
 - A Charging Station Settings widget has been added, to configure the settings of the selected Charging Station in the Charging Station widget
 - New System Log widget for recording and displaying all events during operation and device updates
 - New System Device Manager Configuration for settings
- PAN ID is now renamed to Subnet
- Changed version number to align with the BlackTrax System Update's version number