

NEON Personnel Tracker Release Notes from NEON 7

7.12

- NEON Personnel Tracker - Added notification banner indicating offline mode.
- NEON Personnel Tracker - Added map overlay indicating tracking unit connection status.
- NEON Command - Added visualization of trails while viewing real time data.
- NEON API - Added enhanced options for manual corrections, ranging, and external GPS constraints.
- NEON API - Added event indicating navigation engine re-initialization.
- NEON Command - Improved ability to geo-reference floor plans using control points in the building editor.
- NEON Personnel Tracker & NEON Mapper - Improved performance when viewing many buildings simultaneously.
- Tracking Unit - Fixed error causing incorrect reporting of battery percentage.

7.11

- NEON Mapper and NEON Personnel Tracker - Improved detection and tracking on stairs.
- NEON Command - Added a "Check for Update" button.
- NEON Personnel Tracker - Improved Wi-Fi constraints for elevation.
- NEON Mapper - Fixed bug where Mapper log was ended early due to Bluetooth disconnection.
- NEON Mapper - Fixed bug where Mapper log failed to upload.

7.10

- [All] - Bug fixes

7.9

- NEON Command - Improved path visualization by applying historical location corrections.
- NEON Mapper - When uploading feature maps the user can now tap the cloud icon to view pending uploads.
- NEON Mapper & Personnel Tracker - Buildings can now be selected with a tap in addition to a long press.
- NEON Command - Moved the search bar from the top right to the top left of the map view.
- NEON API - If registering for NeonLocationType.CORRECTED location updates, NEON will now provide significantly more historical NeonLocation updates.

7.8

- NEON Command - Search now supports business names and venues in addition to addresses.
- NEON Command - Added notification near login status indicating maintenance window.
- Website - Added banner notification indicating upcoming and ongoing maintenance window.
- Tracking Unit - Improved detection of tracking unit mounting location (especially when wearing the tracking unit on your back).
- NEON Mapper - Added ability to ignore update request for 12 hours.
- NEON Mapper - Minimized bandwidth used when uploading feature maps.
- NEON Mapper - Added an upload icon in the upper right corner of the screen indicating upload in progress.

7.7

- NEON Location Service - Added navigation constraints for Wi-Fi.
- NEON Command - Improved elevation display.
- NEON Mapper - Improved feature map upload and download.
- NEON Mapper & Personnel Tracker - The floor plan of the first floor is displayed grayed out when a building is not selected.
- NEON Mapper - Improved usability by providing more information when a feature is detected.
- NEON Mapper & Personnel Tracker - Improved firmware download notifications.
- NEON Mapper & Personnel Tracker - Added notifications during maintenance window.
- NEON Mapper & Personnel Tracker - Added an error bound to user check ins.

7.6

- NEON Location Service - Improved navigation constraints when transitioning between indoor and outdoor spaces.
- NEON Location Service - Added navigation constraints for building entrances.
- Website - Improved layout and usability of website.

7.5

- NEON Command - Added ability to import floor plans up to 15 MB.
- Personnel Tracker - "Follow-me" now keeps state after check-in in Personnel Tracker.
- NEON Mapper - Added detection of building entrances.
- Personnel Tracker - Corrects user's location to detected building entrances.
- Website - Displays the user's last log in time.
- NEON Mapper - Added ability to initialize outside.

7.4

- All - Backwards compatible.
- All - Bug fixes and improvements.

7.3

- NEON Command - Display of mapped features when viewing mapper logs.
- NEON Mapper - Displays a toast when a building feature is detected.
- NEON Mapper - Supports placing NFC tags with "touch scan" function.

7.2

- NEON Mapper - Now allow placed BLE beacons with "touch scan".
- NEON Command - Logs are now saved on the cloud for 90 days.
- NEON Mapper & Personnel Tracker - Updated the look and feel of the user interface.

7.1

- NEON Location Service - Now use any TRX anchor as a pressure reference. The pressure reference will filter out environmental pressure changes to improve elevation accuracy.
- NEON Location Service - Improved stair detection for all mounting locations.
- NEON Location Service - Optimized the navigation engine to run 20% faster.
- NEON Website - Improved the customer admin website. Now better looking and easier to use.
- NEON API - Added support for remote ranges, battery level, and safety alerts.
- NEON Command - Removed the connectivity icon
- NEON Command - Added a network diagnostics tool. You can find this tool by clicking on the 'N' in the upper left corner of NEON Command.
- NEON Command - Improved open/save dialogs
- NEON Mapper - Added automatic mapping of NFC tags
- All - The avatar size is now more consistent across devices.

7.0

- NEON Location Service - Android application provides 3D location based on data from sensors in the Tracking Unit.
- NEON Location Service - Support for indoor and outdoor.
- NEON Location Service - Users may manually initialize via Android UI check-ins.
- NEON Location Service - Automatic corrections via Bluetooth Low Energy ranging from our accessory to our anchor and to select other anchors.

- NEON Location Service - Mapping of Bluetooth Low Energy for initialization and location corrections (TRX and 3rd Party applications)
- NEON Location Service - API for output of X, Y, and Z to 3rd party apps
- NEON Mapper App - Pre-map of stairwells, elevators and other building features to correct position and improve accuracy.
- NEON Personnel Tracker App - The user interface is optimized for the personnel tracking application
- NEON Command - Provides map editor tool and 3D visualizer for real-time location and after-action review of tracks.
- NEON Command - Supports location configuration for NFC device for check-ins.
- NEON Command - Supports location configuration for Bluetooth Low Energy beacons
- NEON Command - Track visualization with dots or constant line (user option)
- Tracking Unit - Mounting flexibility. It can be mounted anywhere on the core.
- Tracking Unit - 8 hour battery life
- All - Automatic Upgrades of all software and firmware after install of 7.0
- All - Simultaneous tracking of 30+ persons