Contents

DRTrack 2019.4 Release Highlights

This document briefly outlines items included in the DRTrack 2019.4 software update. DRTrack releases and updates are cumulative, meaning they include all items from previously released versions in the same number series, and any changes and updates completed since the last update in the same series. The last update in this series was DRTrack 2019.3.2 (Oct 2019).

New Items Added in This Release

Category	Service
Web Service	Added new API call GetRouteSummarywithPreAssignmentsByPlannedStartDate to show driver and device information whenever a route is preassigned. The new API call returns result fields for DeviceID, DriverID, Driver Name, Odometer, end time, last GPS transmission, Route ID, Odometer Start, Start Time, and Vehicle ID.
D2Link	Split the D2Link service process (GPS and Forms) to run two simultaneous D2Link Sync services, one dedicated to processing form-based data, the other to process and log/record GPS data. This split enables D2Link to process information in a more timely fashion, avoiding delays and possible work stoppages.
Integration	Added new Samsara Integration is a 1.5 way integration with DRTrack that communicates GPS data to DRTrack from Samsara cloud. It also can export routes to Samsara Cloud so drivers can view their routes on their mobile device. Samsara is installed by creating a windows service on the server hosting the clients DRTrack site and Sync service.

Issues Resolved in This Release

Category	Service
Alias Manager	Revised quantify field setting (Alias Manager) to remove extra zero at the bottom of the quantity display on the DRTrack main page.
Master Routes	Corrected issues causing Master route cloning tasks to timeout. DST conversion was modified and several processes with inefficient code and SQL anti-patterns were rewritten in an optimized manner.
Master Search	Corrected issue causing Order card search (Master search) results to be off by 1 month.

	Made improvements to stored processes for Master Searches to optimize search results and timing.
Order Import	Corrected Order Import Service to ensure Order data overrides Account Master Address.
Route Board	Added additional check when checking for routePreAssignment.Driver to prevent receiving an error when searching for a branch on the Route Board.
	Corrected problem preventing correct sequencing when new stops are added to a route.
Route Calendar	Corrected issue affecting planned end time of a route that occurs when when a route is dragged from one day to another within the Week View. The route's planned time should reflect the stops' times (planned start should be the actual arrival of the first terminal, and the planned end should reflect the planned end of the ending terminal.
	Corrected the problem with viewing the full calendar on the Scheduler.aspx.
	Rectified browser display issue that cut off text on the Route Calender.
	Rectified issue cutting off text info when hovering over an event on the Route Calender/Routes and Vehicle view.
Scheduled Tasks	Resolved server error in '/' application when visiting the Scheduler Page.
SQL	Made improvements to provisioing tasks by updating the usp_BulkUpdateSyncedUsers stored procedure. Tasks should run faster, successfully.
Stop Summary	Corrected issue causing End Terminal to change when a logged-in route is resequenced or an order is added to the route.
Sync Services	Modified sync services to delete unnecessary second sync that was causing involuntary movement of devices.
Web Service	Adjusted web service call GetOrderDetailsAndEventsByOrderIDs Orders to ensure orders that have been deleted are marked as "Deleted" in the order status field.
	Amended web service call (Velocity) to enable the ability to pass GPS points for multiple drivers in one ImportActuals call and pass data concurrently.
	Corrected issue causing the ImportAsset call to return an error.
	Corrected issue creating an error (Could not find stored procedure 'usp_GetEmailListForAssetTransByBranch) when TransferAsset call is made and the call fails.

Modified GetPageDataForAccountManagement to speed up the DRTrack log in process time.

Modified the Master Search API to now require authentication.

Modified the web service call GetRouteDetailByModifiedDate to ensure all ShipTo Address fields are returned in the results.

Removed an incorrect web.config entry causing server runtime errors.

Resolved issue causing the incorrect number of stops on a route to be reported.

Updated settings for "UpdatePriorityBumpInOMM" and "UpdatePriorityInOMM" to ensure Priority and Priority Bump are passed via Web Services.

Updated the procedure usp_GetUsrFldValByStopIds so that RouteBoard.aspx will run faster without timeout issues.

Support Contact Info

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