Contents

DirectRoute 2019.3 Release Highlights

This document briefly outlines items included in the DirectRoute 2019.3 software update. DirectRoute 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.

New Items Added in This Release

Category	Service
Service	Added new features to verify licenses, identify which features are used the most/least, and provide How To tips and focused messages to users. Data collections identify where to focus development efforts and help identify/resolve problems sooner.
Maps	New Trimble maps provided by PC*MILER Web Services replace the older PC*MILER 30 maps. The new Trimble maps are provided via an active internet connection each time a new DirectRoute session is started; DirectRoute calls the web service to locate and retrieve the most current maps.
	If an active internet connection is not available, DirectRoute will display a gray screen with no map, as it won't be able to retrieve any map data. However, all routing functions remain available without the maps or an internet connection, as long as the mileage system selected for routing has not been changed (*Preferences→ Other→Mileage System→PC*MILER Direct*).
	DirectRoute doesn't cache maps, except those used in the current session. If the internet connection is lost during a session, the maps in use at that time will be cached and remain available for use as long as the session itself is not terminated. If the internet connection is restored before the session ends, the maps will refresh automatically; if the session ends/is restarted before an internet connection is restored, a gray screen will appear in place of the maps, since any cached maps were deleted when the original session ended.

Improved Map Tool Tip

Improved Map Tool Tip (Stop Info Box) provides color coded results for quick identification. Detailed info related to each stop can be seen in the Stop Info Box that appears on the screen when the mouse cursor is positioned/hovers over the stop.

Info in the center of the box (custom user defined fields) will always be white text on black background.

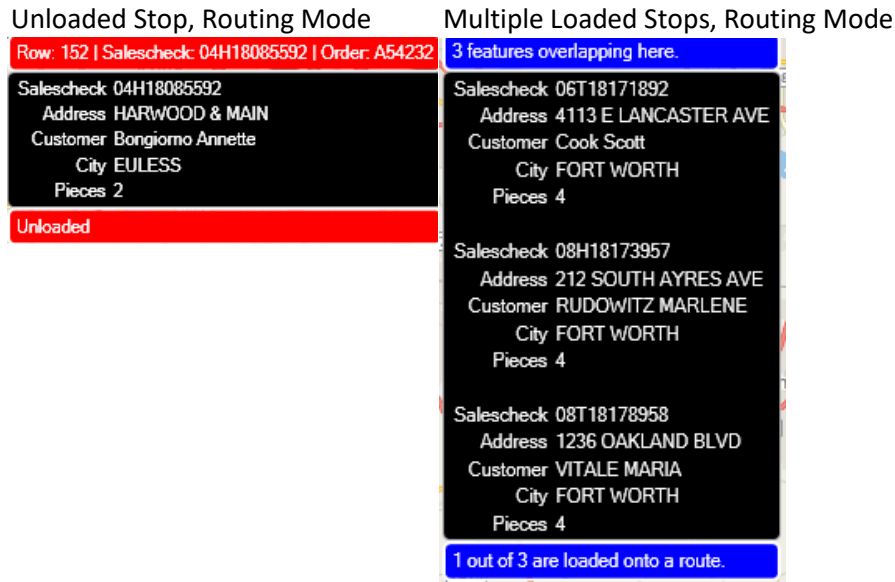Header color indicates a stop's status.

Yellow = unloaded stop prior to routing; no footer.

Red = unloaded stop in routing mode; footer reads Unloaded.

Blue = loaded stop in the routing mode; footer message reads Route, Leg, and Seq#.

When stops (routing mode) are tightly grouped on the map, all stop info is displayed one box; footer lists the number of stops loaded vs. total stops displayed.

Unloaded Stop, Non-Routing Mode   Loaded Stop, Routing Mode

Unloaded Stop, Routing Mode   Multiple Loaded Stops, Routing Mode

| Row: 152 | Salescheck: 04H18085592 | Order: A54232 |
| Salescheck 04H18085592 |
| Address HARWOOD & MAIN |
| Customer Bongiorno Annette |
| City EULESS |
| Pieces 2 |
| Unloaded |

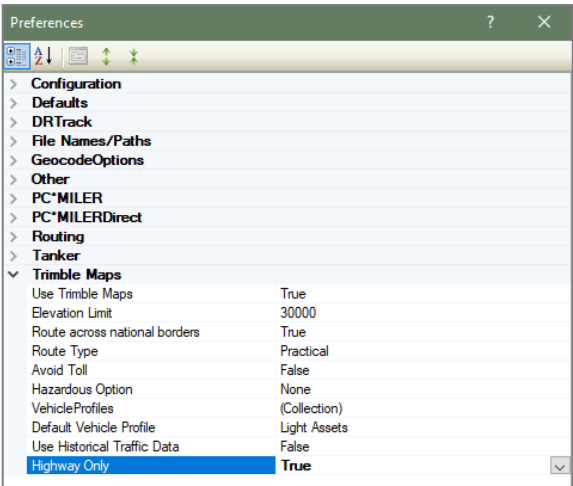| 3 features overlapping here. |
| Salescheck 06T18171892 |
| Address 4113 E LANCASTER AVE |
| Customer Cook Scott |
| City FORT WORTH |
| Pieces 4 |
| Salescheck 08H18173957 |
| Address 212 SOUTH AYRES AVE |
| Customer RUDOWITZ MARLENE |
| City FORT WORTH |
| Pieces 4 |
| Salescheck 08T18178958 |
| Address 1236 OAKLAND BLVD |
| Customer VITALE MARIA |
| City FORT WORTH |
| Pieces 4 |
| 1 out of 3 are loaded onto a route. |

Geocoding   A new geocoding option is available for use only with PC*MILER Web Services (requires active internet connection) to geocode all stops, trucks, and Shipment Files, when building a route or shipment (and Preprocess). Only three methods available to geocode: City, Zip, and Address.

Geocode results include Exact, Good, Uncertain, Failed, and Zip. To use, select mileage system Trimble Maps (Preferences→Other→Mileage System→Trimble Maps).

Geocoding with PC*MILER Web Services is still in early development and should not be used as the main source for geocoding.

Distance File   Added a new option to select *Highway Only* when *Get Directions* is used; added as the default option in the *Preferences→Trimble Maps→Highway Only*. *Highway Only* means local streets are not considered when running a route; vehicles are restricted to primary roads and highways only, regardless of vehicle profile.

Added a new option to set an *Elevation Limit* (*Preferences→Trimble Maps→Elevation Limit*). DirectRoute will look for an alternate route to avoid roads that would exceed the set limit. The unit of measure chosen (*Feet, Meters*) should be the same unit of measure chosen for *Distance Option* (*Preferences→Other→Distance Options)*. If *Distance Option* is set to *Miles*, then set *Elevation* to *Miles;* if set to *Meters*, then set *Elevation* to *Meters*.
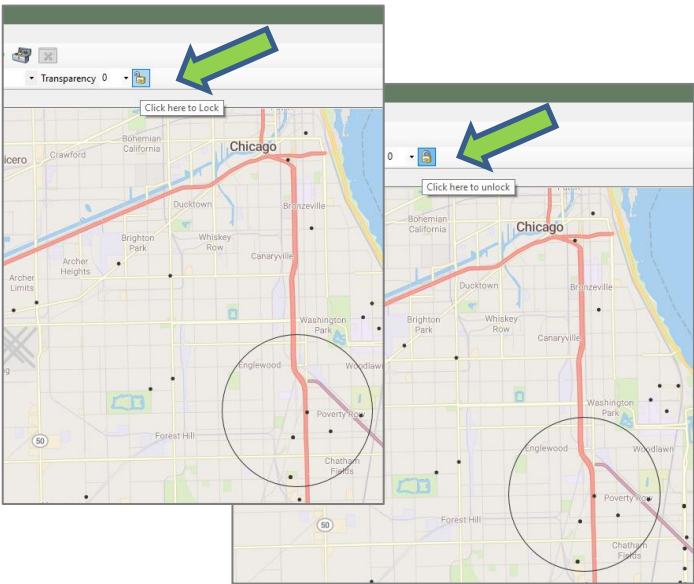
Dynamic/Static Splitting	Added a new Stop User Field, *DoNotSplit,* for use with Dynamic and Static Splitting. When used with Dynamic Splitting, orders/line items with a value of *TRUE* will not be split. When used with Static Splitting, orders/line items that DO NOT have a value of *TRUE* will be split first if the order/line item quantity is over the set Static Split size (*Preferences→Routing→Static Splitting→Split Size*).
TerritoryPro	Added the ability to lock/unlock Territories (drawings) to prevent them from being moved while working with stops on the map.
	Added dialogue boxes (*Click here to lock*, *Click here to unlock*) to appear over the lock/unlock icon when the mouse is positioned/hovers over it.

Issues Resolved in This Release

Category	Service
Config Settings	Modified *Consolidate by Fixed Time* to ensure correct calculations.
	Modified the DRTrack timeout setting in *Preferences* from 6,000ms to 60,000ms, resulting in a default setting of 10 every 60 seconds.
Distance File	Adjusted *Miles by State Report* (*View→Miles by State*) to correct the issue causing the report to display results from the previous solution/report that was run.
Geocoding	Corrected Unhandled Exception error occuring on Process All in Geocode by Address.
Import Orders	Modified *Import Orders* from DRTrack into DirectRoute for routing to remove /change the Country column from populating with US by default, which caused some Canadian stops to not geocode.
Map Display	Corrected *Unhandled Exception* error occurring on *Validate Coordinate*s option on the map menu tab. Corrected map control resizing issue.
Optimization	Adjusted *Optimization* to correct max distance violations.
Order Download	Modified *Order Download* to correct info placement when downloading an order with a return character.
Selective Routing	Corrected issue causing unloaded stops to disappear after loading.
Shortcuts	Corrected the shortcut *Ctrl+Shift+S* to ensure it removes the stem legs when viewing a route(s) on the map.
Spreadsheet	Updated spreadsheet components within DR to ensure compatibility with Office 365.
Truck File	Rectified issue with the *Save* function to enable *Save New* and/or edits to the Truck File.
Upload XML	Reinstated passing *Fixed Time* on *Replenishment Points* through the *Upload XML* from DR to DRTrack.
Violations	Implemented displaying a stop violation if stops with like exclusion codes are on the same route.
SchedulePro	Modified split settings to ensure volumes (fields) are correctly split by frequency used.
	Modified display settings to ensure the *Day* field is displayed correctly on the map for each customer.
	Modified Time Window settings to ensure *Close Time* is updated anytime the stop *Time Window* is changed or added, ensuring times on related stops are adjusted and patterns/days are not inadvertanty affected.

Transportation Modeler	Corrected the *Ctrl+Left Click* function while on a stop (on map), to circle a stop and put a square around the stop on the map.
	Reinstated (corrected) *Initialize* and *Init/Load* functionality in forced mode.

Support Contact Info

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