

Omnitracs One – v6.9 Host Release Notes

XRS Host v6.90.0062
RNA Host v6.9.5.4
Route Navigator v6.9.4.3

Release Notes
Updated February 12, 2024

Contents

| | |
|---|----|
| Compliance – Hours of Service..... | 2 |
| RNA – Common..... | 8 |
| RNA – Routing | 10 |
| RNA – Strategic Planner | 11 |
| RNA – Dispatch | 15 |
| RNA – Active Alert..... | 16 |
| Telematics & Performance Monitoring | 16 |
| APIs, Web Services, and Integrations..... | 18 |
| Compatibility Requirements..... | 21 |

Compliance – Hours of Service

New Enhancements

UVA Enhancements- Assuming/Assigning drive time as PC/YM no longer allowed

We have made enhancements to the UVA functionality to adhere with the recent change in regulations, whereby the user will not be able to assign the drive time as Personal Conveyance or Yard Move to any driver, rather they will only be able to annotate the driving events with Yard Move or Personal Conveyance.

Can a user edit or change automatically recorded driving time that has been recorded by an electronic logging device (ELD) to non-driving time?

Under sections 4.3.2.8.2(b) of 49 CFR part 395, subpart B, Appendix A, automatically recorded drive time when the commercial motor vehicle (CMV) is in motion cannot be edited or changed to non-driving time.







Edits to automatically recorded driving time are acceptable in the following instances:

1. For team drivers, a driver may edit and reassign driving time records erroneously recorded to their account (see section 4.3.2.8.2(b)(2) of Appendix A). The drivers must have indicated each other as co-drivers in their record of duty status (RODS). Each co-driver must confirm the change for the edit to take effect.
2. A driver may edit or correct driving time erroneously recorded due to failing to change his or her duty status before powering off the CMV, but only if the driving time was recorded by the ELD while the vehicle was powered off and the vehicle was not in motion during the period that is being edited or corrected. The driver edit limitation found in section 4.3.2.8.2(b) prohibits the editing of automatically recorded driving time. The intent of the specification that requires automatic recording of driving time is to ensure all movement of the CMV is captured. A CMV cannot be driven while powered off. The driving time following the power off cycle of a CMV not in motion, is not recorded to the specifications required by 4.3.1.2 and 4.4.1.1 and therefore may be edited to the correct duty status.
3. Driving time assumed from the unidentified driver profile in error may be returned to the unidentified driver profile so that it can be assumed by the correct driver (see section 4.2.3.8.2(b)(1) of Appendix A).
4. Drivers may assume a subset of driving time from the unidentified driver profile. The amount of automatically recorded drive time may not change, but can be split between the driver and the unidentified driver profile so that the remaining time can be assumed by the correct driver.
5. Drivers may not assume driving time from the unidentified driving profile and convert it to Off-Duty (PC) or On-Duty Not Driving (YM). Per 395.28, drivers must select the applicable special driving category (YM or PC) before the start of that status and then deselect that category when the indicated status ends. Selection and deselection of the special driving category must be indicated at the time the status changes and cannot be added later. If the status that should have been in effect is either PC or YM, and the driver had not already selected the appropriate driving category, then the unidentified driving time should be annotated because enforcement personnel consider annotations and GPS coordinates to determine if a violation is present.

Last Updated : July 31, 2023

Existing Behavior:

The unidentified driving events could be selected and assigned 'As Yard Move' or 'As Personal Conveyance' using the checkboxes.

| Assign Vehicle Activity | | | | | |
|--|-------------|---------|---------------------------------------|---|--------------------|
| | | | <input type="checkbox"/> As Yard Move | <input type="checkbox"/> As Personal Conveyance | |
| Actions | Time | Status | Vehicle ID | Co-Driver | Location |
| <input type="checkbox"/>    | 11:19:31 AM | On Dut | MonasCar | | 3mi SSE MN Hopkins |
| <input type="checkbox"/>    | 11:13:07 AM | Driving | MonasCar | | 3mi SSE MN Hopkins |

New Behavior:

The checkboxes have been renamed, and the user can annotate the unidentified drive time events, reflecting in the logs under the comments/annotations section.

The DLE would no longer reflect the UVA Yard Move or Personal Conveyance as four events indicating YM/PC begin and end. Rather the UVA annotated as Personal Conveyance would be a Driving event of type 'Duty Status(From UVA)' with 'Yard Move' or 'Personal Conveyance' as the annotation or edit reason. The terminating on-duty event would be indicated as On-Duty with the event type as 'Duty Status(From UVA)' and no comments.

Event Filter Editor Comment Undo All Edits

Insert Event
 Duty Status HOS Rule Change Vehicle Trailer Work Time Extension Remark Co-Driver Shipping Information Distance Fix

Assign Vehicle Activity
 Annotate as Yard Move Annotate as Personal Conveyance

| Actions | Time | Status | Vehicle ID | Co-Driver | Location | Event Type | Remark | Edit Reason | Edit By | Duration |
|-------------------------------------|------------|---------|------------|-----------|-----------------|------------------------|------------------|---------------------|---------|----------|
| | 9:12:15 AM | On Duty | CA_veh1 | | Invalid GPS Det | Duty Status (From LVA) | On Duty(1:54:28) | | | |
| <input checked="" type="checkbox"/> | 3:50:20 AM | Driving | CA_veh1 | | Invalid GPS Det | Duty Status (From LVA) | Driving(0:13:55) | Personal Conveyance | | |

ELD Event Annotations or Comments:

| Sequence ID | ELD Username | Comment | Date | Time | Driver's Location Description |
|-------------|--------------|---------------------|--------|--------|-------------------------------|
| 000E | calcantara | PC custom comment | 010324 | 091215 | |
| 000E | calcantara | Personal Conveyance | 010324 | 085820 | |

CMV Power Unit Number Enhancement

Currently the application was incorrectly allowing for the vehicleIDs to be of lengths between 3 and 20 and was causing hindrance with editing or creating vehicles with IDs less than 3 characters. We have now made enhancement to the application to accept TractorIDs/Vehicle IDs of lengths between 1 and 10 alphanumeric characters, as required by the ELD technical regulations. This enhancement applies across all methods of vehicle creation and update including web services, UI and vehicle import.

The existing values for vehicle ID in the system, even if greater than 10 characters, would remain as is, unaltered in the system. However, this validation would apply when a vehicle is attempted to be edited.

HOS Reports- Rendering 6 months data for an individual driver

The HOS reports currently default to a maximum time range of 31 days for many reports, both when retrieved for single or multiple drivers. We have enhanced the HOS Reports such that the report can now be generated for a maximum period of 6 months at once, when filtered on a single driver.

The maximum date range remains unaltered when pulled for multiple drivers.

This change applies to the following reports when generated for a single driver:

- HOS Diagnostics and Malfunctions detail by driver
- Driver Log Report non ELD
- HOS ELD Driver Log Report
- HOS Sensor failures detail
- HOS Driver Log Edit Detail
- HOS Pending Log Edit Detail
- HOS Rejected Edits Detail
- HOS Special Driving Conditions
- HOS Violations Detail

Support for Comments/Annotations in the Driver Log API

We enhanced the Driver Log API so that the payload also supports the comments/annotations field that are entered along with a duty status change either by the driver or as a selection of the pre-filled comment.

So, the updated payload would include a section for annotations as shown below:

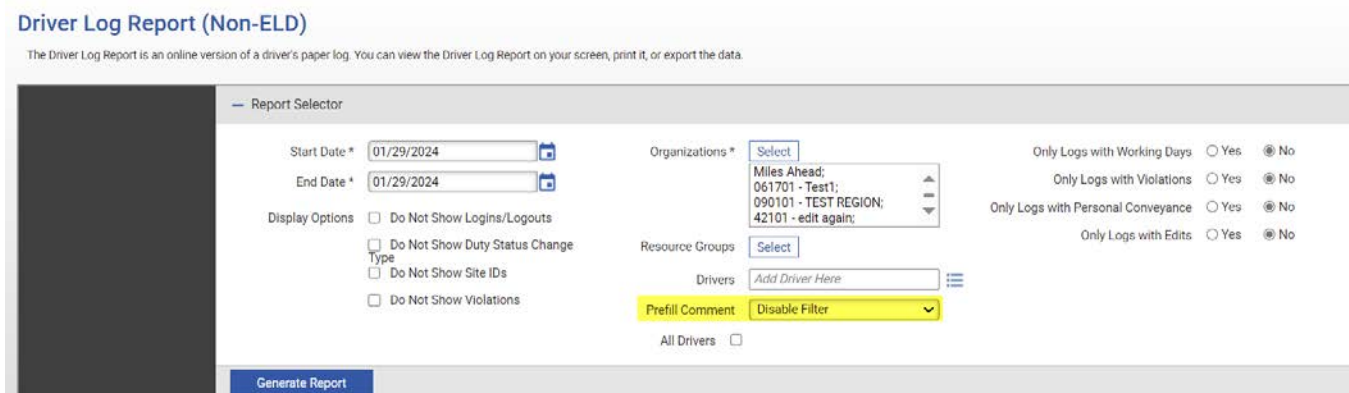
```

542
543
544
545
546
547
548
549
550
551
552
553
554
<Annotations>
  <Annotation>
    <ClientComment></ClientComment>
    <DriverComment></DriverComment>
    <DutyStatusComment1>testing Driving </DutyStatusComment1>
    <DutyStatusComment2></DutyStatusComment2>
    <EditComment></EditComment>
    <ReclassifyComment></ReclassifyComment>
    <SpecialDrivingConditionComment1></SpecialDrivingConditionComment1>
    <SpecialDrivingConditionComment2></SpecialDrivingConditionComment2>
  </Annotation>
</Annotations>
  /DriverLogData11ModifiedUS\

```

The enhancement also includes the Driver Log API support for the pre-defined comments both through the web service call and on the application interface.

A new dropdown- 'Prefill Comment' is introduced along with the other filters, that lists the user pre-defined or driver comments enabling specific records to be retrieved with a common comment.



As an example, when a 'meal break' is selected from the dropdown, it would retrieve all the driver records in the selected date range that had selected or entered meal break in the comments.

Customers who retrieve data through direct API calls, would even be able to pass a specific value to the 'annotation' parameter, so that the payload retrieves logs that are associated with a specific comment for a given time range.

eg., GET <<API endpoint>>?annotation=meal break.

The web service also allows multiple comma separated values to be passed to the 'annotation' request parameter.

Driver association with the vehicle

We have made an enhancement such that the application would not automatically detach a driver from a vehicle without prompting the driver to confirm if that was intended action. The corresponding setting has been modified such that the prompt is defaulted to be enabled for all new customers using DVIR.

Prompt for Comment Always When Defect Exists Never

When Defect Exists, Comments are Required Optional

Comment Frequency One per Defect One per Inspection

Carry over Inspection Defects

Do not allow free form Trailer IDs

Prompt to logout after Post-Trip

Prompt to remain associated upon Post-Trip

Allow Manual Odometer on Vehicle Inspection

Allow Manual Odometer on Trailer Inspection

Driver Creation Functionality

When a new driver is added through the application or the web service, an off-duty event shall be created for the driver for 14 days in the past starting midnight to facilitate in the generation of ERODS/logs during an inspection. Please note that newly-created drivers will no longer be able to be deleted until 6 months after creation as there is now Hours of Service Data for the driver.

Web services Enhancements

We have made certain enhancements in the calculation of values for certain fields associated with the Driver Daily Calculation API to enhance the overall performance of the web service.

Improvements

Reporting Improvements

XRS-24095- Driver Payroll Summary not Reporting Inactive Drivers Correctly

We resolved an issue with the Driver Payroll Summary Report where the data was blank/zeros for an inactive driver despite the filter selection for including the inactive driver data in the report.

XRS-12507- XRS Vehicle Inspection Summary Report - incorrect grouping/filtering behavior when driver and asset are in different orgs

We resolved an issue with the Vehicle Inspection Summary report that was causing the report to fetch incomplete or partial data for certain combinations of filters applied.

XRS-14512- IFTA Distance By Jurisdiction Report and Utilization report discrepancies

We resolved an issue where the utilization report was showing more distance than the actual distance observed correctly in the distance jurisdiction report.

XRS-26022- Non-ELD Driver Log Report (and API) showing zero violation duration when followed by manual driving event

We resolved an issue where the Driver Log Report (Non-ELD) and the API were displaying the duration of the violation event incorrectly whenever an auto driving event in violation was followed by a manual driving event.

XRS-137- Operation profile report shows PTO data in one Excel format but not in CSV format

We resolved an issue with the Operation profile report that was not displaying the PTO time when the report is exported in the CSV format.

XRS-23794- relays/AMGCs getting duplicated in master inventory list

We resolved an issue with the inventory status report that appeared to be displaying duplicate entries although some fields differed because of the way in which some fields were interpreted while generating the report.

XRS-26004- ELD Driver Log Report (Canada) Flagging an "Unexpected Request" Error

We resolved an issue with the ELD Driver Log Report (Canada) and the ELD Data Transfer that was returning an unexpected request error when there was no ELD login event for a driver on a particular day.

XRS-18860- ELD Driver Log Report (Canadian) is not separating/displaying daily individual driver distance data correctly for Team Drivers/Sleeper Vehicle.

We resolved an issue where the ELD Driver Log Report (Canada) did not separate/display the daily individual driver distance data correctly for Team Drivers/Sleeper Vehicle.

XRS-22998- Clock Report Missing Trailer ID and Shipping Info

We resolved an issue where Driver Time Clock Report is not showing the Trailer or Shipping Information even though the Driver Log Report shows this information.

ERODS Improvements

XRS-22082- ERODS failures - missing ELD Username and User Order Number

We resolved an issue where the ERODS transfer were failing due to missing ELD Username and/or User Order Number on certain lines in the file.

XRS-24534- ERODS failure - referenced CMV Order Number (99) was not found - vehicle was deactivated

We resolved an issue with the ERODS transfer which was failing if the vehicle ID had changed on the host while the driver continued logged in with the previous vehicle ID for an extended period and later attempted an ERODS transfer after a logout/login.

UVA Improvements

XRS-19317- UVA Assignment deleting Clock In

We resolved an issue where the driver clock in was getting deleted when the UVA assigned event is prior to the driver clock in. It would now rather truncate the on-duty segment from the time of driver clock in.

XRS-23451- Unable to assign UVA due to multiple incorrect/irrelevant error messages

We resolved an issue where the multi-segment UVA assignment was not going through if any of the event overlapped with an auto drive event and displays an inappropriate error message.

XRS-24253- Unable to Export UVA When Status is set to 'Closed'

We resolved an issue with the Unassigned Vehicle Activity tool where the Export functionality was not returning the data although available to export.

DLE Improvements

XRS-17923- The line on the graph in the driver log editor is shifted too far to the left

We resolved an issue with the Driver Log Editor where the line on the graph grid and the driver chart was appearing shifted from the actual point of event occurrence.

XRS-19707- Driver Log Graph Issues

We resolved an issue with the graphs that was incorrectly representing the data events in the Driver Log Reports as compared with the Driver log editor.

Web services Improvements

XRS-10580- DriverLog V3 says driver has 86400 OnDutyTimeToday but it should be 86400 OffDutyTimeToday

We resolved an issue with the driver log web service where the API was accepting an invalid request parameter which is now changed to return an appropriate error message.

XRS-14394- XRS UVA Endpoint - difference between JSON and XML payloads

We created a newer version of the UVA webservice such that the json responses accommodates two fields- classification ID and the classification name which matches the classification value seen in the XML response.

XRS-22077- POST and PUT Driver - some required fields are behaving as optional, and vice versa

We resolved an issue with creating or updating drivers via API calls where the XRS Driver Web Service was behaving incorrectly in terms of handling fields that are required versus optional, leading to driver data issues in the application.

Other HOS Improvements

XRS-16337- User Unable to see any HOS Rules under Region

We resolved an issue where the user was unable to find any HOS rules under a region and could not edit the region

XRS-20252- Yard Move Not Available Under Work Time Extension Drop Down in Driver Log Editor

We resolved an issue where the Yard Move option was not available under Work Time Extension drop down in Driver Log Editor.

XRS-24981- Time zone defaults to Newfoundland when adding a new region

We resolved an issue with the creation of new region which was defaulting to an incorrect timezone, but will now default to the parent company timezone setting.

XRS-18634- Unable to update tax rates

We verified that the IFTA tax rates file could be uploaded successfully in the XRS system to reflect appropriately.

XRS-20202- Vehicle export - Columns in CSV are misaligned for ELD and AOBRD mode companies

We resolved an issue with the Vehicle export CSV file where a couple of columns were misaligned and did not have the data populated under the appropriate column heading.

Known Issues

XRS-27916- Vehicle Inspection Detail & Vehicle Inspection Summary Reports do NOT return data if Vehicle and Driver are in different Regions

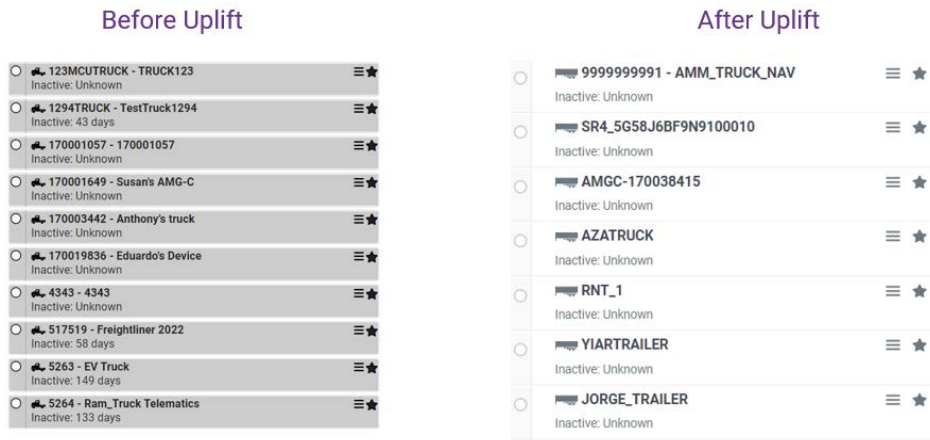
We have come across an issue with the completeness of data fetched when filtered by a select list of When a driver is in a different org than the Vehicle, the inspection performed for the driver and the vehicle does not show if the report is run by one region only on the filters, both regions must be selected for the report to show the inspections performed.

RNA – Common

New Enhancements

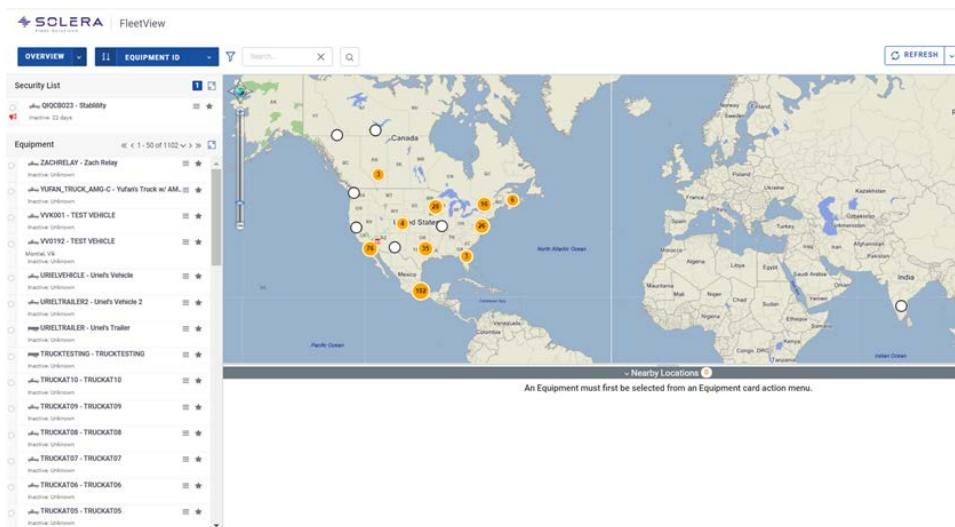
FleetView User Interface (UI) improvements

We have updated the UI components and style elements of FleetView to enhance the User Experience (UX) while improving the visual complexity, readability, and visual feedback.



NOTE that with this UI/UX uplift, there are NO changes to workflows in FleetView.

Here are a few more screenshots of select FleetView screens with the new look and feel for FleetView.



| Route Name | Description | Color | Created In Region | Phase | Route State | Worker 2 | Co-Driver Phone # | Equipment | Number of Orders |
|----------------------------|-----------------------------------|-------|-------------------|----------|-------------|----------|-------------------|---------------------|------------------|
| 0001_TEST | | | REG1 - reg1 | Dispatch | Suspended | | 554679907 | | 1 |
| 168150772-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681508093-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681508927-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681509498-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681510614-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681510998-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681511350-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681512661-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681514340-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 168176176-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 1681918395-Sample NEW Def. | Sample NEW Default Trip - 3 st... | | JAVERRREGION | Dispatch | Suspended | | 5574270177 | | 0 |
| 193102-Testing Maria | Testing Maria | | REG1 - reg1 | Dispatch | Pending | | 1212121212 | TRAILER1 - Trailer1 | 1 |
| 20230329-PERF0002-9341-5 | | | REG1 - reg1 | Dispatch | Suspended | | PERF0002 | PERF0002 - PERF0002 | 0 |
| 20230329-PERF0006-3842-3 | | | REG1 - reg1 | Dispatch | Suspended | | PERF0006 | PERF0006 - PERF0006 | 0 |
| 20230403-4194-4194 | | | REG1 - reg1 | Dispatch | Suspended | | SL434V | | 0 |
| 20230504-PERF0002-12299- | | | REG1 - reg1 | Dispatch | Suspended | | PERF0002 | PERF0002 - PERF0002 | 0 |
| 20230504-PERF0002-12945- | | | REG1 - reg1 | Dispatch | Suspended | | PERF0002 | PERF0002 - PERF0002 | 0 |
| 20230504-PERF0002-18970- | | | REG1 - reg1 | Dispatch | Suspended | | PERF0002 | PERF0002 - PERF0002 | 0 |

RPE-103326 - Region Filter Changes

Some users were experiencing screen freezing and were logged out of the system if they had selected more than 960 regions in the region filter. To prevent such disruptions and allow for a smoother user experience, we have added a validation message if the numbers of regions selected exceeds 960.

NOTE that this limitation specifically pertains to the filter and does not impose any restrictions on the total number of regions the application can effectively handle.

Exclude:

- Routes With No Active Exceptions
- Future Routes
- Completed Routes

Filter By Selected Regions

Please select at least one and up to 960 regions

0 ID

-
- SK1-1 - Main Testing
- SK1-10 - Layovers
- SK1-11 - Illinois - Weekly Routing

Existing customers who have already selected greater than 960 regions will receive an error message asking them to reduce the number of regions in the filter.

Improvements

RPE-103306 – User Unable to Edit a Region

We resolved an issue where the user received an error when trying to move a region from one parent to another even though the move was successful.

RPE-106459 – User Unable to Select Custom Date Option

We resolved an issue where the user received an unexpected error when selecting the custom date option under "Service History".

RNA – Routing

New Enhancements

Preserve Column Type in Excel Export Files

From now on, the "Export to Excel" function will maintain the column type, mirroring the functionality found in the "Omnitracs Routing and Dispatch" client. This enhancement empowers users to seamlessly execute operations such as sorting and summation in Excel, eliminating the need to adjust data types.

This includes various types like Numbers, Text, Time duration, etc. The exception includes actual time fields such as Start Time, Arrival Time, and Departure Time will be treated as text during import due to the inclusion of time zone information, for instance, 06:35 EDT.

Improvements

RPE-108945 – Users Unable to Login to the Omnitracs Routing and Dispatch client

We resolved an issue where the user was unable to login into the Omnitracs Routing and Dispatch client due to a fatal error.

RPE-107631 – Users Unable to Set Service Window Times

We resolved an issue where users were unable to set afternoon times for Service Windows when the "culture" was set to Italian.

RPE-106880 – Users Unable to Move Stops to Active Routes

We resolved an issue where the Routing and Dispatch Client crashed when moving stops to an active route.

RPE-105466 – User unable to Save Session

We resolved an issue where customers were getting an unexpected error when performing a "save session as".

RNA – Strategic Planner

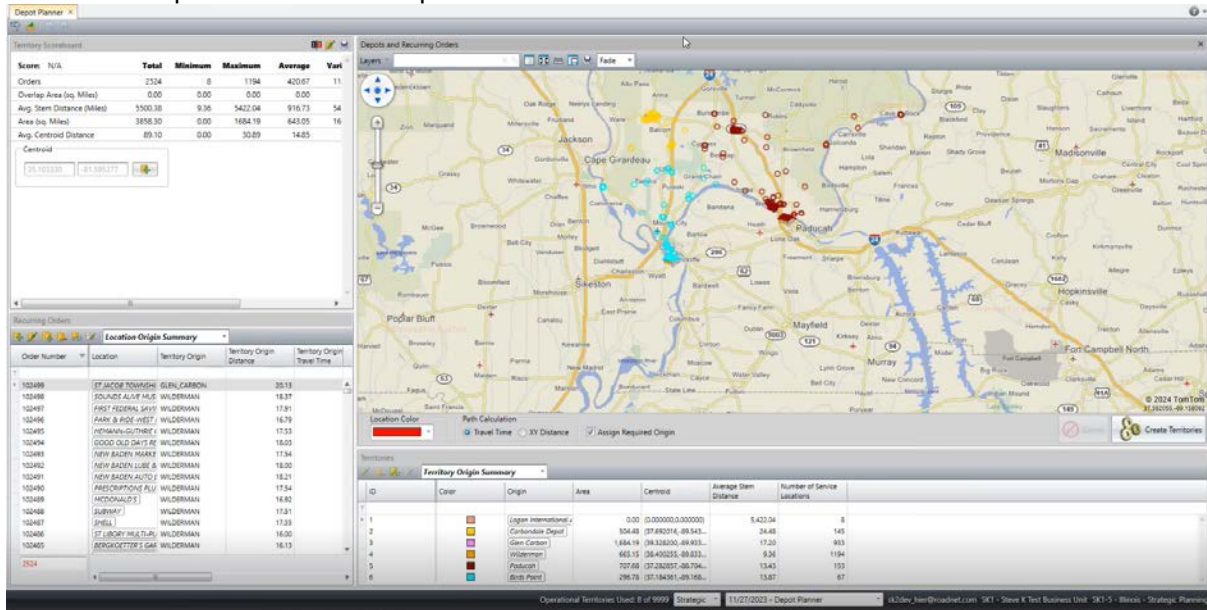
New Enhancements

Depot Planner Tool

Depot Planner is an under-development feature that is accessible with LIMITED AVAILABILITY for initial testing. It is designed to assist users in determining an optimal depot location. It domiciles the depot location based on distance proximity.

1. Accessing Depot Planner

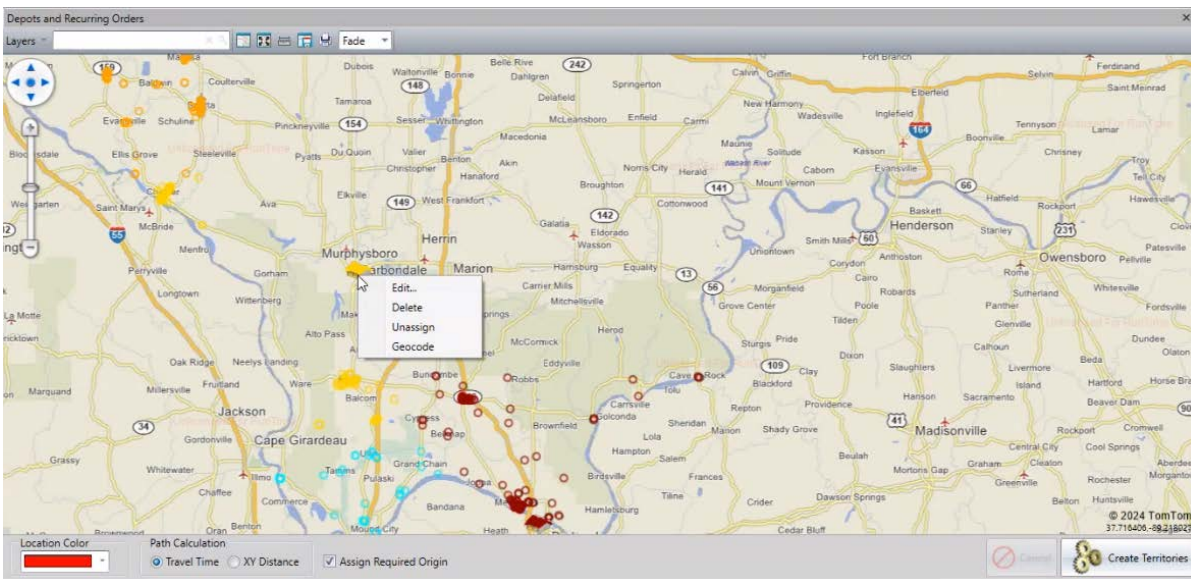
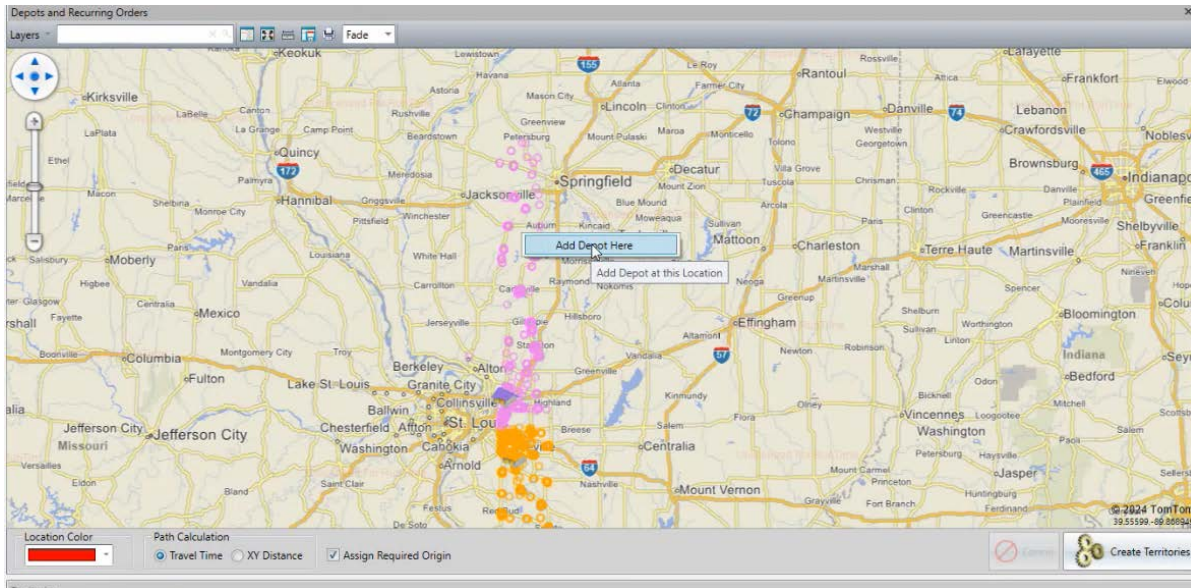
To access Depot Planner, navigate to the Planning Menu, where a new menu item has been added. Clicking on the Depot Planner tab opens the main workspace view.



All depots for the region and recurring orders for the current planning session can be plotted on the map, with depots rendered in colors matching their properties.

2. Selecting Depot candidates for consideration

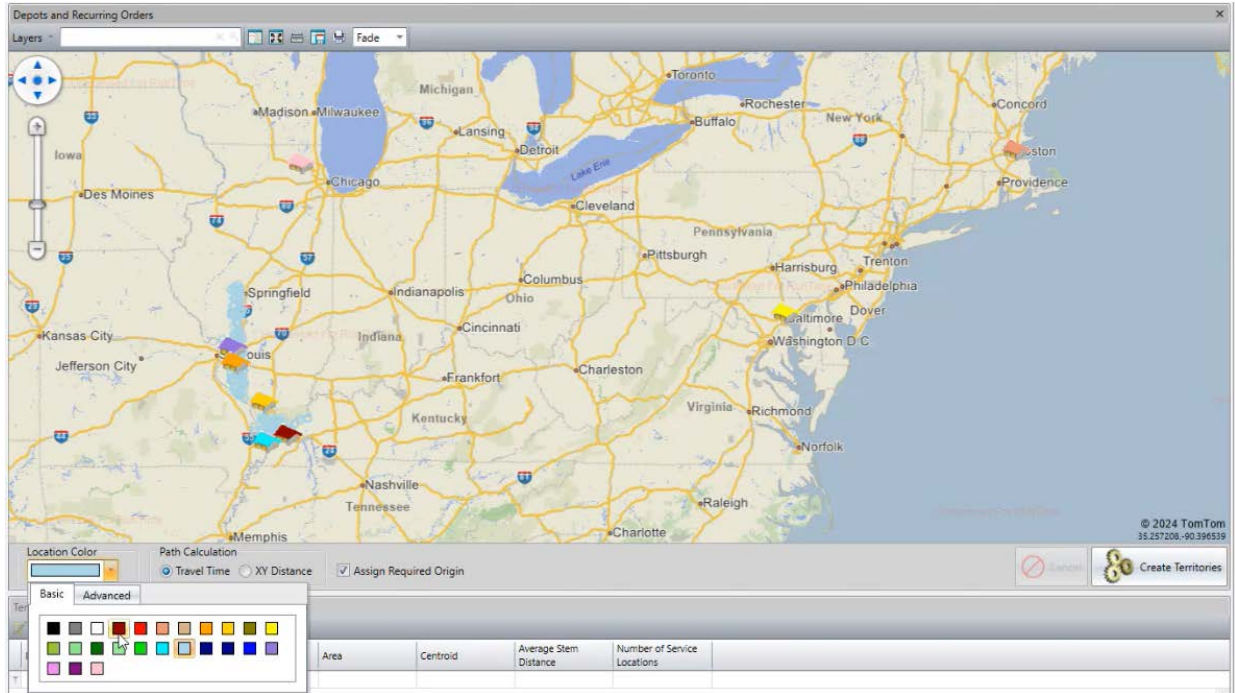
Users can seamlessly add a depot, select/deselect a depot on the map or geocode the depot to a new desired location. The map supports multi-select mode by default, enabling users to click and unselect depots, which are displayed in faded gray.



3. Recurring Orders Grid - 'Recurring Orders Origin Summary'

A Recurring Orders grid window has been incorporated. Users have the flexibility to customize views, add, edit, clone, delete, refresh, and export data.

Unassigned recurring orders are displayed in the color chosen by the user in 'Location Color' option.

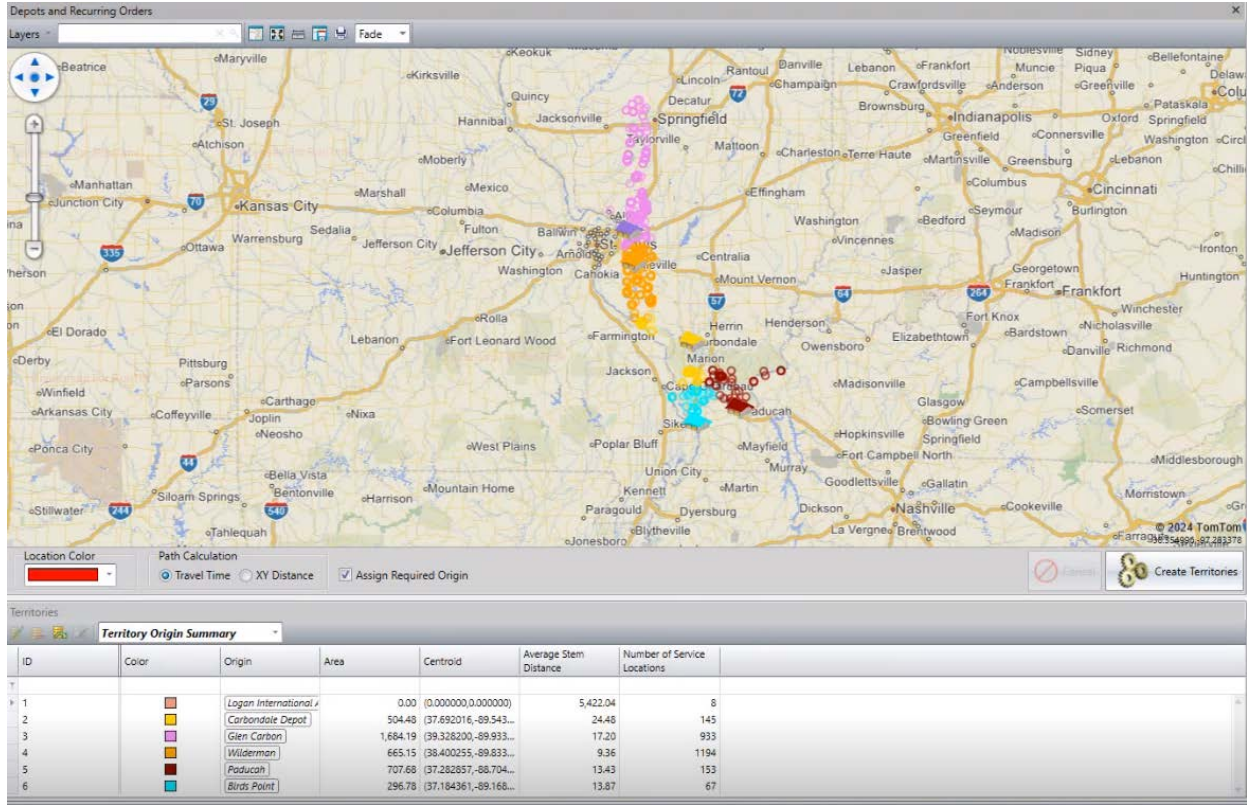


4. Create Territories

The Create Territories process can be initiated based on selected depots, with progress displayed, and an option to cancel.

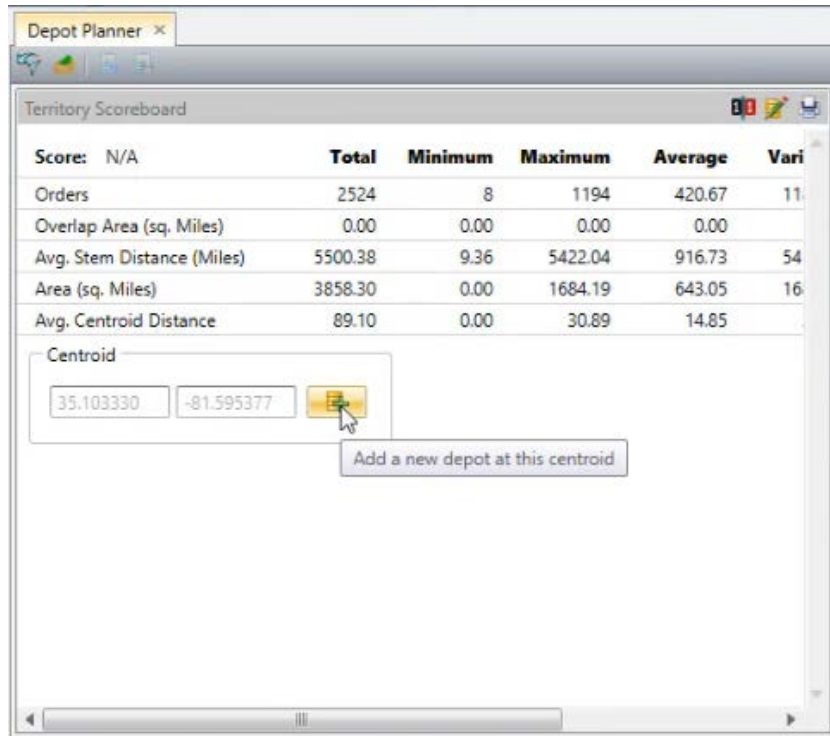
Territories can be created using distance values derived from the Travel Matrix or an XY Path option. If the user chooses Travel Matrix distances, those are based on region settings (Shortest Time or Shortest Distance).

After completion, the Planning Manifest and Depot Planner are updated, ensuring that territory colors match associated depot colors. Recurring orders are represented as circles with transparent fill, colored according to depot that they are domiciled to.



5. Scoreboard

The scoreboard has been enhanced to include the Centroid of all recurring orders, allowing users to add a new depot at the centroid. The centroid calculation considers all territories or selected territories based on the scoreboard view.



Improvements

RPE-107533 – User Unable to Import Recurring Orders

We resolved an issue where Strategic Planner was failing intermittently when importing recurring orders.

RPE-106545– Map Options – Plot not refreshed after toggling show route path setting

We resolved an issue where the current plot does not properly reflect the current show route paths setting.

RPE-110876– Map Options – Plot not refreshed after toggling show unassigned, depot or locations setting

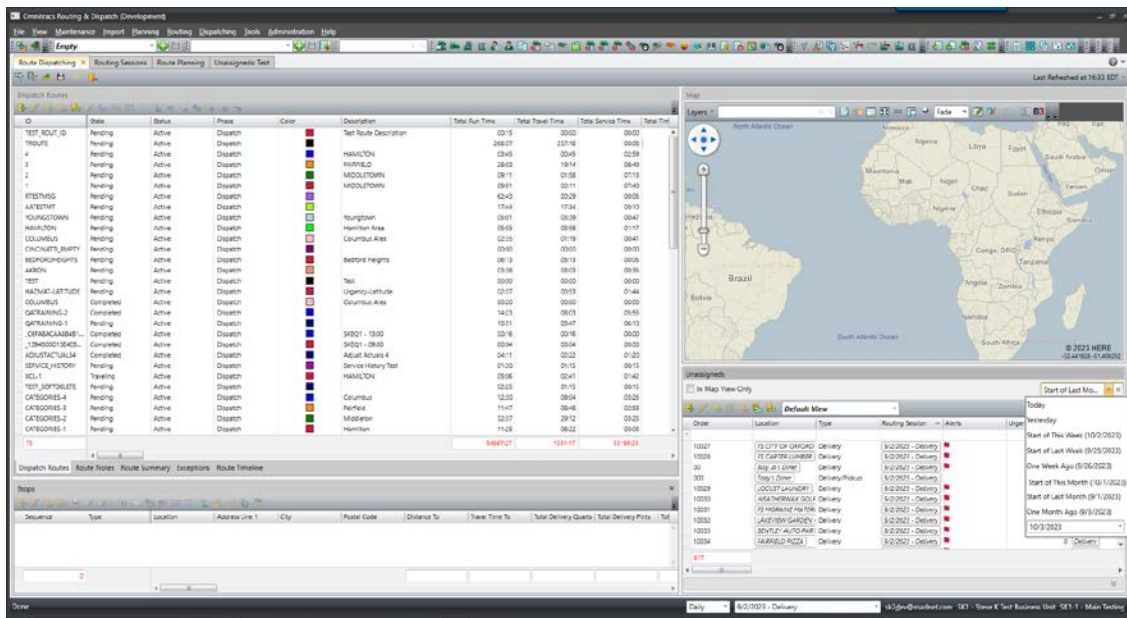
We resolved an issue where the current plot does not properly reflect the current options for show unassigneds, show depots, show locations.

RNA – Dispatch

New Enhancements

RPE-106585 – Enhanced Unassigneds Window in Dispatching Manifest for Improved Performance

We have updated the user interface for the Unassigneds window in the Dispatching manifest. Users can now view unassigned items from a specified recent time period. The Omnitracs Routing and Dispatch client will retain the user-selected range for subsequent visits to this screen, EXCEPT in cases where a specific date is chosen, as the date will NOT be saved. This change has contributed to enhanced performance of the Omnitracs Routing and Dispatch client.



Improvements

RPE-106687 – Exception Alerts Displaying in Miles Despite Kilometers being the Measure Unit

We addressed an issue where despite configuration being correctly set, users were receiving exception alert emails that carried distance measurement units in Miles instead of Kilometers.

RPE-106070 – Route Path Deviation Alerts are Untriggered

We resolved an issue where route path deviation alerts were not being generated when real time traffic was turned off.

RPE-105579 – Delayed Activation of Exception Alerts

We added logging to better diagnose an issue where Route Exceptions Alerts were not showing up under certain conditions for hours after an event occurred.

RPE-103326 – Users Unable to Edit FleetView Route Cards

We resolved an issue where users were unable to access FleetView route cards to screen freezing and subsequent automatic logouts for accounts with an excessive number of regions.

Known Issues

RPE-112288- *When operating in a language setting other than English, some Fleetview screens/menus are misaligned and nonconformant with the new Solera user interface design.*

With the v6.9 user interface redesign, some Fleetview screens and menu options are not displaying correctly when a non-English language is selected. The Solera team is working to address these concerns in a post v6.9 update.

RNA – Active Alert

New Enhancements

RPE-106077 - Included Language Codes for Setting Desired Culture

In the template file used for importing subscriptions, we have included language codes for all the languages supported by RNA. This enhancement has been made to provide users with an easy reference for setting the desired culture.

Improvements

RPE-106410 – Incorrect Time Zone Displayed for Order Status

We resolved an issue where the Web App displayed order status times under "Order History" in UTC (Coordinated Universal Time), regardless of the configured time zone.

Telematics & Performance Monitoring

New Enhancements

RPE-105237 – Enhancement to tag actual PTO vehicles to eliminate false PTO data

Added Power Take Off window and field to equipment profile in Latitude and in Route Navigator. This feature defaults to disabled and for non-PTO configured vehicles, the data will no longer be sent. For PTO equipped vehicles, customers will need to move the equipment into the correct PTO configured setting in the Equipment Profile. **(See screenshots below).**

Edit Equipment Profile
? x

ID

Primary Region

REG1 - Initial Region - Has a different policy in XRS host, is not recommended to use for D

Description

Speed Threshold
Mobile Speed Alerts
Warmup/Cooldown
Power Take Off

Sharing

PTO Configured Vehicle

Save
Close

Add Equipment Profiles
? x

ID

Primary Region

REG1 - Initial Region - Has a different polic

Description

Speed Threshold
Mobile Speed Alerts
Warmup/Cooldown
Power Take Off
Sharing

Speed Threshold (Miles Per Hour)

Speed Minimum Duration

Excessive Speed Threshold (Miles Per Hour)

Excessive Speed Minimum Duration

Improvements

Performance Monitoring Improvements

- Improved overall accuracy of Performance Monitoring data elements, with significant enhancements to idle time, engine time, and drive time.

- Removed obsolete tag for Speed RPM matrix on t.4.01 transactions

RPE-101225 – Inaccurate GPS pings for auto-generated telematics routes

Optimized previously excessive generation of auto-generated unplanned telematics routes

RPE-109997 – Update Odometer logic for Geotab adapter

Improved processing of odometer values from Geotab devices

APIs, Web Services, and Integrations

Important Note for SOAP API Integrations:

Customers that integrate into OT1/Roadnet Anywhere via SOAP APIs are strongly advised to thoroughly test their integration application in our Sandbox environment prior to production deployment. This is to ensure a smooth deployment without encountering issues afterward. If your organization does not currently have access to the Sandbox environment, please contact your account manager. When new versions of the WSDL are created, only “backwards compatible” changes will be included (i.e., addition of properties and classes). However, not all development tools (i.e., Visual Studio for .Net based projects and tools for other languages such as Java) will always support backwards compatibility with our WCF service when generating “client proxy classes” from the updated WSDL. The proxy code generated can be different depending on the tooling that is used. For example, the client proxy code generated when using .Net Framework vs. .Net Core/Standard. Due to this issue, in some cases, it will be necessary to re-consume our latest service WSDL to generate updated client proxies and re-compile your applications.

New Enhancements

RPE-92105 - OT1 REST - Create new endpoint called WorkerComplianceOptimized

A new OT1 REST API - Reports - Worker - GET WorkerComplianceOptimized, has been created to offer integrators an optimized service for worker compliance. This API returns fields containing daily and weekly HOS hours calculations and other HOS status data. It is functionally similar to the worker compliance endpoint but with optimized performance.

The following response properties are not included in this API: driveTimeYesterday, offDutyTimeYesterday, onDutyTimeYesterday, berthTimeYesterday, eightHourRestBreak, and violationTimeToday.

RPE-104864 – OT1 REST Equipment Status endpoint - Add Date/Time for GPS positions and Fuel

Added the attributes lastKnownPositionTime and fuelLevelTime to the OT1 REST API - Reports - EquipmentStatus. The user will now see the reported time/date for GPS positions and Fuel Level when making GET calls for this endpoint.

```

200 default
Content type
application/json
Copy Expand all Collapse all
{
  - "items": [
    - {
      + "identity": { ... },
      + "equipmentTypeIdentity": { ... },
      - "operationalInfo": {
        "ignitionStatus": "On",
        + "fuelLevel": { ... },
        + "odometer": { ... },
        + "engineRunTime": { ... },
        "lastKnownMotionState": "Unknown",
        "lastKnownPosition": "string",
        "lastKnownPositionText": "string",
        "lastKnownPositionTime": "2023-10-24T20:09:04Z",
        "fuelLevelTank1": 100,
        "fuelLevelTank2": 100,
        "fuelLevelTime": "2023-10-24T20:09:04Z"
      },
      + "associations": { ... },
      + "telemetryStateInfo": { ... },
      "vehicleIdentificationNumber": "B6543210987654322"
    }
  ]
}

```

RPE-104955 – OT1 REST - Add location identity info to the route status events response

Added originLocationIdentity and destinationLocationIdentity objects to the OT1 REST API - Events - GET Events endpoint. These new objects will provide route info elements for entityKey, identifier, description, and type.

```

Copy Expand all Collapse all
{
  - "items": [
    - {
      + "subscriberIdentity": { ... },
      "eventType": "StopArrived",
      - "eventInfo": {
        "eventInfoType": "Route",
        - "routeInfo": {
          + "identity": { ... },
          "description": "RouteEvent",
          + "workersInfo": { ... },
          + "equipmentInfo": { ... },
          "status": "PlanningActive",
          + "routeTimestamps": { ... },
          + "routeTotals": { ... },
          + "position": { ... },
          + "customProperties": [ ... ],
          - "originLocationIdentity": {
            "entityKey": 101,
            "identifier": "DPT",
            "description": "Hamilton Depot",
            "type": "Depot"
          },
          - "destinationLocationIdentity": {
            "entityKey": 101,
            "identifier": "DPT",
            "description": "Hamilton Depot",
            "type": "Depot"
          }
        }
      }
    }
  ]
}

```

RPE-108031 – Include Helper information in the Webservices query results

Added helper object to the OT1 REST API - Daily Plan - Route Plan endpoint. When making a GET call to this endpoint, integrators will now be able to validate routes with a helper.

```

- "items": [
  - {
    + "identity": { ... },
    "createdBy": "tester@test.com",
    "createdTimestamp": "2019-01-07T20:08:47.870Z",
    "modifiedBy": "tester@test.com",
    "modifiedTimestamp": "2019-01-07T20:08:47.870Z",
    "version": 1,
    + "regionIdentity": { ... },
    + "sessionIdentity": { ... },
    "description": "This is a route",
    "status": "DispatchPending",
    + "workflowIdentity": { ... },
    + "workersInfo": [ ... ],
    + "equipmentInfo": [ ... ],
    "routeStartTime": "2019-01-29T00:00:00.000Z",
    "preRouteTime": 36000,
    "postRouteTime": 36000,
    + "stops": [ ... ],
    + "workFlowExtensions": [ ... ],
    + "customProperties": [ ... ],
    "helper": false
  }
]

```

Improvements

MA3PI-4514 - OT1 - Drivers not receiving all loads on tablets

This issue was resolved with a combination of configuration update and code change to improve the driver experience as it relates to receipt of loads to their tablets.

RPE-94172 – OT1 REST API – Admin – Workers documentation update

Provided additional clarity in the documentation under compliance->hosRules->defaultReportingLocationIdentity. A 0 entitykey will be returned unless this property value is set when a worker is created or updated.

RPE-100603 – OT1 REST POST Locations call is returning 201 response, but not creating service location

Added update to the OT1 REST API documentation in the Integration Guidelines. The update clarifies expected POST and PUT Error responses and how to best interpret those errors.

RPE-104473 – OT1 REST API – Admin – Devices documentation update

When user calls PUT, PATCH and POST methods on admin/devices endpoint, the response will now display a validation error that says: "The Java mobilePlatform has been deprecated and is no longer supported."

RPE-105412 – SOAP API Issue with NULL Datapoints

We resolved an issue with the SOAP API where datapoints were NULL in the retrieve notifications response.

RPE-106059 – RN-Events API not working for Workers Status Change

Added Best Practices to the OT1 REST API documentation for the Events endpoint. The Best Practices describe methods to help avoid timeouts and unbounded queries.

RPE-107976 – OT1 REST - WorkerLogs Documentation

Improvements made to documentation for OT1 REST API - Reports - WorkerLog Report endpoint. The descriptions for reportTimestamp, and GeospatialInfo timeZone were added to the documentation to provide additional clarity for integrators.

Compatibility Requirements

Please refer to our minimum requirements for system components that are used with these solutions:

[Compatibility requirements for devices, operating systems, and browsers](#)



[Certified mobile devices](#)



[RNA routing and dispatch client specifications](#)

