TruckMate 23.1 - Release Notes

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Go to the TruckMate online help > New Features > **What's new** section available on the Trimble Transportation Learning Center for more detailed descriptions of the changes included in the most recent release.

Go to the TruckMate online help > New Features > **Previous Versions** section to see the details for previous TruckMate releases.

Review the **TruckMate - IMPORTANT Release Notes** in the TruckMate online help > Release Notes > IMPORTANT Changes section If you are performing an upgrade that spans over several versions to be aware of critical revisions requiring additional testing prior to upgrading.

The following summary list of release note items is provided in the same format used by the TruckMate Patch Updates and uses the following icons to identify the nature of the revision.

| 🔴 Bug | ⬆ Improvement | ➕ New Feature | ⊙ SUR Request (Improvement) | 🔷 Sub-task | ✅ Task |
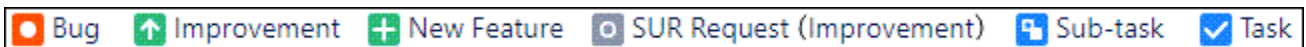
(**Note:** *The embedded hyperlinks in this list reference the internal JIRA issue tracking system used by Trimble TruckMate developers and support teams.*)

Back Office

Type	T	Key	Summary	Release Notes	Release Not
	🔴	TM-134975	EDI Profile that is deactivated will send email notification eg. EDI 214 Outbound is not setup to run on any day		

🔴	TM-139294	"Auto Start Module" and "Auto Start Log Activities Windows" Options In MadServiceHost's Properties	
🔴	TM-156537	LocalDispatch.exe - Menu Options Should Be Disabled When No Bills Present	
🔴	TM-160078	Multi Mode Dispatch Freight grids no longer allow direct entry into the User Fields	
🔴	TM-160814	Error: Out of memory when running a Dawg that exports a large amount of data into a csv	
🔴	TM-161216	Codes Maintenance - Labels aligness issue	
🔴	TM-164724	CardMgmt.exe - Reset My User ID / Password when users are on Setup -Accounts or Groups tab	

| 🔴 | TM-164826 | The Check List should allow users to change Comment and the 10 User Fields after FB being interfaced to Billing | Fixed an issue where Freight Bill Check List Comment and the 10 user fields cannot always be edited. |

Application	22.4
CServ.exe	22.4.114.1

SCHEMA

164826_FIX_CHECKLIST_VW_UPDATES.SQL

| 🔴 | TM-165682 | AP F/E issue after AP Bill is imported from CardImport | |

| 🔴 | TM-165699 | Wrong Transaction Set Purpose pre-selected for USA Emanifest | Fixed an issue where wrong Transaction Set Purpose was pre-selected for USA Emanifest. |

Application	22.4
Eman.exe	22.4.10.1

🔴	TM-165934	Cserv.exe, TripEnv.exe - Auto-Assign ACHARGE_TLORDER record cannot be re-added automatically after it is deleted	
🔴	TM-165941	APNCR SQL Memo error	
🔴	TM-165972	AP Invoice & Register : do not allow Non Financial Accounts	
🔴	TM-166041	DirDep.exe alignment is broken for NACHA return account information form/tab	
🔴	TM-166263	CServ's GL tab: do not allow Non Financial Accounts	

	TM-166270	Payroll 2022 - CAN - MC117 Canadian Payroll Deductions	Canadian Payroll - Update to payroll deduction formulas for 2023 **SCHEMA:** 166270_PAYROLL_CAN_MC117.SQL

TM-166342 Carrier Information - Acc Ch - the Actual Qty not set correct in some use cases

Improved handling and consistency of vendor accessorials added in the Carrier Assign screen

Application	22.2	22.3	22.4
Dispatch.exe	22.2.37.0	22.3.50.0	22.4.66.0

SCHEMA:

166342_VLS_ACHARGE_BEFORE_POST.SQL

TM-166368 Multi Mode Dispatch Set Care of Drop Point display and validation of Client and Zone

TM-166533 cubeCapRuleIndicator should be defined as enum

TM-166540 Arrce.exe -Access violation error; 'Auto F /X' is not checked per the app config setting

TM-166664 ApNr.exe - Post -Error: ID:...qApBillDrv: Cannot perform this operation on a closed dataset...

TM-166676 Symmetry 2022-R11a Colorado/Oregon state taxes effective 2023/jan /1

US Payroll - Paid Family and Medical Leave (PFML) for Oregon and Colorado

Enhanced the Local Tax and Cost Allocation mechanisms to facilitate manual setup for implementing PFML.

Application	21.1	21.2	21.3	21.4	22.2	22.3
PRConfig.exe	21.1.7.0	21.2.7.0	21.3.7.0	21.4.7.0	22.2.1.0	22.3.1.0
PRRegister.exe	21.1.5.0	21.2.6.0	21.3.6.0	21.4.6.0	22.2.1.0	22.3.1.0

Schema:
166676_STATE_LOCAL_TAX.SQL

To configure:

1) PRCONFIG > Pay Codes - set up 3 pay codes, one for Employee PFML (Class: Tax Codes) and 2 for Employer Liability/Expense (Class: US Cost Allocation)

2) PRCONFIG > US > Dll Tax code (dll) - for the State, add the Employee Pay code in grid on right, and set new column 'Use SUTA' to True.

3) PRCONFIG > US > Cost Allocation - add a new code, specifying the State, Rate and Maximum, with the 2 Employer pay codes in Step1, with new column 'Use SUTA' set to True.

4) EMPLOYEE > US > Local - in top grid add new entry with the Employee pay code in step1 with the appropriate rate.

5) EMPLOYEE > US > Cost Alloc. - add the code from step 3.

TM-166702 Add missing ROW_TIMESTAMP and INS_TIMESTAMP columns

TM-166707 Custom App Order PreCall.exe view not working properly

🔴	TM-166732	Bank Reconciliation Import gives error "Unknown data type for parameter 'BANK_NAME' "	

| 🔴 | TM-166760 | Edit Dates error Cannot focus a disabled or invisible window when an SD Layout is loaded | Fixed the error raised when trying to focus on pick up by end or deliver by end fields which were made invisible by Screen Design |

Application	21.4	22.2	22.3	22.4
CServ.exe	21.4.144.3	22.2.67.1	22.3.84.1	22.4.110.1

| 🔴 | TM-166764 | Caption edit in Grid Customizer can throw an Access Violation error | |

| 🔴 | TM-166791 | CODES.EXE - access violation or 'Cannot perform this operation on a closed dataset'. | |

| 🔴 | TM-166807 | Search SQL used for Province/State codes produces nothing if the country code it not set | |

| 🔴 | TM-166838 | The user import tool in Security allows users to be created in mixed case | Fixed two issues within the Security Configuration application. |

1) Fixed an issue where the User Import Tool was allowing the import of User ID's in mixed cases. TruckMate expects the User ID's to be in uppercase only, so this has been corrected.

2) Fixed an issue around an additional errors users could receive when running the import (related to TMAPP.GEN_EMAIL_ADDRESS). This has also been corrected, meaning users will not run into this error when using the Import Tool.

Application	22.4
Security.exe	22.4.16.1

| 🔴 | TM-166852 | Load and Cutoff dates are copied but the Copy Intermodal Dates is False | |

| 🔴 | TM-166858 | CardImport.exe calls procedure INSERT_AP_BILL_DRV_FROM_CARDIMPORT to get DRIVER PAYABLE account with incorrect Currency code | |

| 🔴 | TM-166875 | ApNr.exe - 'AP Invoice Register'- when Radio button 'SQL' is selected - select a Filter, wrong 'Name' and 'SQL' are displayed | |

| 🔴 | TM-166882 | CIBC Direct Deposit export file does not conform to the Bank specs | Direct Deposit CIBC format to conform to CIBC bank spec; filled the '7' record in position 11-20 with 0 |

Application	22.3	22.4
DirDep.exe	22.3.4.1	22.4.5.1

| 🔴 | TM-166906 | Cheque.exe - Select AP Control Account For On Account Amount - 'GL Type' is empty and useless | |

	TM-166909	ApNcr.exe - 'Check Register'- when Radio button 'SQL' is selected - select a Filter, wrong 'Name' and 'SQL' are displayed	

	TM-166911	Driver Pay Audit displays the Driver SIN /SSN number regardless of Security	Driver Pay Audit - updated to display the Driver SIN/SSN number based on the same Security Settings as the Driver Profile application (Restricted/Viewable)

Application	21.4	22.2	22.3	22.4
PayAudit.exe	21.4.14.1	22.2.3.1	22.3.0.1	22.4.3.2

	TM-166944	Imaging API does not return Printed invoices in some cases	Imaging API '/invoices' endpoint will return FB information when the order status is 'FB PRINTED'.

Application	22.2	22.3	22.4
ART.exe	22.2.90.0	22.3116.0	22.4.125.0

SCHEMA

166944_IMAGING_INVOICES.SQL

	TM-166949	GL Distribution GL Reset Account Type column needs to allow the H value	

	TM-166957	USA Payroll - Symmetry Tax Engine - On-Premise STE - Altered Directory Structure	Truckmate uses Symmetry's tax engine for calculating US Payroll and there have been some required modifications to the directory structure for the STE sub-folder.

Application	21.1	21.2	21.3	21.4	22.2	22.3
PRRegister.exe	21.1.4.4	21.2.5.5	21.3.5.6	21.4.5.7	22.2.0.3	22.3.0.3

All TruckMate clients who do US Payroll through TruckMate will need to take the following actions:

1. Modify the Windows System "PATH" environment variable from using 'STE_libs' to using 'ste-shared-libraries'

Before: <Your TruckMate Install Location>\STE\STE_libs\
After: <Your TruckMate Install Location>\STE\ste-shared-libraries\

ie. To change your SYSTEM path variable:

- Go to Start -> Run or press the Windows+R key
- In the Open field type: sysdm.cpl and click OK
- Select the Advanced tab
- Click the Environment Variables ... button
- In the System variables section, select the Path variable and click Edit...
- Replace any instance of C:\Program Files (x86)\TruckMate 20XX\STE\STE_libs\ with C:\Program Files (x86)\TruckMate 20XX\STE\ste-shared-libraries\
- Click OK
- Click OK
- Click OK

 2. Physically replace the existing STE sub-folder with the updated STE files included in the Truckmate patch release.

i.e. Go to Windows Explorer and locate the Truckmate installation folder
Locate the existing STE folder and replace the contents with the updated files.

	TM-166979	Cheque.exe - SQL0010N error	

	TM-166993	Dispatch.exe - 'Trip Filters' form -Tab order needs to be adjusted.	

	TM-166995	RMStock.exe - 'Parts' tab - SQL0723N error	

🔴	TM-166996	RMWO.exe - 'Parts' tab, 'Labor' tab or 'outSide Parts & Labor' tab- SQL0723N error	
🔴	TM-166998	ApPo.exe -Overflow error	
🔴	TM-166999	ApNe.exe -Overflow error	
🔴	TM-167009	Division by Zero in PRREGISTER.EXE (SP: CREATE_CAN_PAYROLL_CHECK)	Canadian Payroll 2023 Formula (MC117) correction - scenario where attempting to Process Payroll with additional CPP/QPP contributions (e.g. due to bonus) was not working properly (divide by zero error) **SCHEMA:** 167009_CALCULATE_CAN_TAX_117.SQL

TM-167010 — IP Currency is not respecting the CSERV config Interliner Currency

Corrected issue where the Interliner Payment currency stopped updating properly based on the app config setting CSERV - Interliner Currency = Vendor

Application	22.2	22.3	22.4
Cserv.exe	22.2.67.2	22.3.84.2	22.4.113.1

🔴	TM-167024	Cheque.exe -Expenses tab, Payroll tab etc. - Select GL Account - Grid SQL -duplicate conditions	
🔴	TM-167025	Function GET_FUNC_AP_BILL_EXP and procedure UPDATE_AP_BILL_EXP_AMTS call INSERT_CONFIG with incorrect default value	
🔴	TM-167035	MC117 - corrections for inter-provincial movement affect on CPP	Canadian Payroll - 2023 Deduction Formulas (MC117) correction for inter-provincial movement scenario when an employee moves from some province into Quebec and then later moves from Quebec to a different province. The CPP earned in each of the non-Quebec provinces is now summed correctly (important when trying to determine if the maximum CPP contribution for the year has been reached). **SCHEMA:** 167035_CALCULATE_CAN_TAX_117.SQL
🔴	TM-167042	IP Accrual Register needs an Error that the GL Period is not setup for Accrual Date	

TM-167054 — SP:POST_FB - performance fix causing rating issues

Modified qTlorderAfterPost to not invoke SP:SAVE_TLORDER if config 'Auto Post When Saving Bill' is True, and SP:POST_FB to always invoke SP:SAVE_TLORDER

Application	22.3	22.4
CServ.exe	22.3.87.0	22.4.112.0

SCHEMA

167054_POST_FB_SAVE_TLORDER.SQL

| | TM-167061 | US Payroll - State /Local Taxes with 'Use SUTA' may need different maximums | US Payroll - Implemented a 'maximum' column on the local tax deductions screen in the Employee's profile. The motivation for this came from the setup for the recently added Oregon PFML & Colorado FAMLI (family leave) plans. The employee portion for these are subject to a maximum (wage base) for the year. Since Truckmate implemented them on the local tax deductions screen, there needed to be a way to set that maximum. For example: Oregon PFML contribution rate is 1% of wages (0.6% is employee portion) to a maximum of $132,900 in wages (so you would put 132,900 in the maximum field) |

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
Employee.exe	21.1.6.0	21.2.7.0	21.3.9.0	21.4.9.0	22.2.3.0	22.3.3.0	22.4.3.0
PRRegister.exe	21.1.7.0	21.2.8.0	21.3.8.0	21.4.8.0	22.2.3.0	22.3.3.0	22.4.3.0

SCHEMA:
167061_PAYROLL_US_EMP_LOCAL_MAX.SQL

| | TM-167071 | TruckMate installation - 'Support link' and 'Help link' need to be updated | |

| | TM-167082 | Trace.exe - 'View Driver /Equip' -GUI issue | |

| | TM-167094 | CZARLITE USD rate sheet rate conversion issue with CAD FB | Config 'RATES.EXE' 'RateWare XL Currency' added to indicate the currency SMC3 RateWare XL is returning currency in. |

Application	22.4
Rates.exe	22.4.13.0

SCHEMA

167094_RATEWARE_XL_CURRENCY.SQL

| | TM-167096 | ArFc.exe - SQL0413N Overflow error | |

| | TM-167097 | EDI 204O file is not being generated | Fixed an issue where EDI 204O file was not being generated when there was only 1 EDI Trading Partner assigned to a trip and the EDI Trading Partner was only on one of the trip legs. |

Application	21.4	22.2	22.3	22.4
MadWinServiceHost.exe	21.4.43.0	22.2.14.0	22.3.18.0	22.4.19.0

SCHEMA:
167097_EDI_PROCESS_STATUS.SQL

| | TM-167101 | Arra.exe -Recalculate Current Client Balance - SQL0811N The result of a scalar fullselect, SELECT INTO statement, or VALUES INTO statement is more than one row | |

| | TM-167110 | Arrce.exe -Error: Cannot perform this operation on an open dataset | |

| | TM-167120 | Cserv.exe -'Client Mileage', 'Vendor Mileage' - Error: Record not found or changed by another user | |

| | TM-167123 | Customer Profile - Credit Info - Finance Charges 'Rate' needs a limit | |

| | TM-167167 | Important field values are being dropped in DRIVERDEDUCTIONS on fuel purchase records when the credit process is done | Fixed an issue where data in the nine columns (FUEL_CITY, FUEL_STATE, FUEL_DATE, FUEL_UOM, FUEL_INVOICE_NO, FUEL_UNIT_ID, DED_NET_AMT, DED_TAX1_AMT, DED_TAX2_AMT) was not populated on credit and rebill driver deduction records. |

Application	22.4
PayAudit.exe	22.4.4.0

SCHEMA:
167167_DP_COPY_DED.SQL

| | TM-167183 | SQL0746N Error when updating TLORDER END_ZONE, DELIVER_BY, DELIVERY_APPT, DELIVER_BY_END | Fixed an SQL0746N Error when updating TLORDER END_ZONE, DELIVER_BY, DELIVERY_APPT, DELIVER_BY_END |

SCHEMA

167183_TLORDER_TRIG_TLDTL_READ_LOCKS.SQL

| | TM-167184 | Instant Checks issues and errors GL_CURRENCY not found and Cannot perform this operation on a closed dataset | Fixed the errors 'GL_CURRENCY not found' when editing a cheque and 'Cannot perform this operation on a closed dataset' when creating a cheque. |

Application	22.2	22.3	22.4
Cheque.exe	22.2.5.2	22.3.5.2	22.4.2.2

| | TM-167189 | Codes.exe - Access Violation When "Defined Fields - Custom" Tab Setting Unchecked | |

| | TM-167221 | Arrce.exe - View Undistributed - Access Violation error | |

| | TM-167222 | Revenue Quebec RL-1 Summary Box 40 has changed | Canadian Tax - Quebec RL1 Summary - Calculation of the Contribution Related to Labour Standards - Box 40 definition has changed, now it has a numeric code (1,2,3 or 4) depending on the type of employer (or otherwise blank). This field now appears in the Magmedia RL1 Summary grid, and is a manual entry/save amount. |

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
Magmedia.exe	21.1.18.0	21.2.16.0	21.3.16.0	21.4.17.0	22.2.4.0	22.3.4.0	22.4.4.0

SCHEMA:
167222_PAYROLL_QC_RL1SUM_2022.SQL

REPORT:

CAD_RL1_Summary_2022.rpt

| | TM-167241 | SUB_TOTAL is not recalculated when manually rated order is created/updated through TM orders API | Fixed the issue preventing the SUB_TOTAL was not recalculated when a manually rated order is created/updated through TM orders API. |

Application	22.4
ART.exe	22.4.125.8

| | TM-167242 | ApNr.exe - 'AP Invoice Register Service options' - 'Setup' does not work | |

| | TM-167244 | IP Accrual Register when SQL Radio button is selected the Filter Name and SQL are not displayed | |

| | TM-167253 | EMan.exe - GUI issue | |

| TM-167264 | Adding authenticated GET access potentially causing other issues, temporarily remove | Imaging API - Temporarily remove the authenticated GET access that was added recently |

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
Art.exe	21.1.33.9	21.2.37.17	21.3.50.5	21.4.73.2	22.2.90.2	22.3.116.2	22.4.125.4

| TM-167269 | Cheque.exe - Post Edit 'Pay from Vendor' checks, get SQL0530N error | |

| TM-167275 | Codes.exe - View -> Defined Fields -> User Fields, Error: tActivities: Cannot perform this operation on a closed dataset | |

| TM-167293 | Arrce.exe - Source Filter in header section does not work well | |

| TM-167295 | Arrce.exe -Misc Cash Entry -GL tab, 'Filter GL' - the checkboxes do not work; Inter-Company can be unchecked and saved when another company's account is on GL tab | |

| TM-167299 | Punit.exe - 'Basic Info' tab, 'R&M User Defined Fields' form, and TMT Information tab -tab order needs to be adjusted | |

| TM-167301 | Punit.exe -Permits tab, SQL0723N error | |

| TM-167320 | Payroll 2022 - Grids displaying 1099 form info in main window and view data window in magmedia have wrong field number in some places | US Tax - Some 1099 grids in Truckmate had small discrepancies in the field descriptions (not affecting the 1099 print report or export file) |

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
Magmedia.exe	21.1.18.2	21.2.16.3	21.3.16.3	21.4.17.3	22.2.4.3	22.3.4.3	22.4.4.3

| TM-167342 | Cheque.exe - Audit tab, 'In' field (CHECK_MSTR. APPLICATION) should be read-only | |

| TM-167348 | Fixed Assets error when posting the Disposal GL qPostSum: Field FA_ID not found | Fixed the issue that was causing the "qPostSum: Field 'FA_ID' not found" error when posting disposal GL. |

Application	21.4	22.2	22.3	22.4
FA.exe	21.4.1.6	22.2.0.5	22.3.0.7	22.4.0.8

| TM-167356 | GL Chart of Accounts Custom Defs field label is cut off | |

| TM-167366 | Null Error Attempting To Add IC Carrier After Creation of New User | Fixed Null Error when attempting to add IP Carrier after creating a new user. |

Application	22.4
Cserv.exe	22.4.118.0

SCHEMA
167366_GET_AC_LOOKUP_DATE.SQL

🔴	TM-167376	PayAudit.exe - two issues in 'Memorized Driver Deduction' form (tab order and overflow error)	
🔴	TM-167377	Customer Service Billing tab no longer highlights the Credit Status and Payment Options	
🔴	TM-167395	Cserv.exe- OS&D/POD - OSD - Trace tab - Navigation bar issue	
🔴	TM-167421	Custom OrderPreCall app error in EMail template Chromium Browser not initialized	

🔴 **TM-167430** INS_DEBUG_MSG and INS_DEBUG_MSG_EX need AUTONOMOUS parameter removed

reverted changes from ~~TM 166186~~ and removed AUTONOMOUS parameter..

Back merged removal of AUTONOMOUS parameter to INS_DEBUG_MSG and INS_DEBUG_MSG_EX. Schema only.

Application	22.4
SQLExec.exe	22.4.2.0

Schema: 167430_INS_DEBUG_MSG_AUTONOMOUS_BACKOUT.SQL

🔴	TM-167445	Breakthrough Fuel Log File is not saved to the configured Folder	
🔴	TM-167457	Edit Dates error Cannot focus a disabled or invisible window when an SD Layout is loaded	

🔴 **TM-167460** EDI Update Service of Appt Date no longer has a warning popup when the the FB is in ASSGN

Fixed an issue where EDI Update Service of Appt Date did not have a warning popup when the FB was in ASSGN.

Application	22.3	22.4
MadWinServiceHost.exe	22.3.19.1	22.4.22.1

🔴	TM-167472	Custom Defs field label is cut off in many TM applications	

🔴 **TM-167474** ROLLUP_AS_WEIGHT does not calculate unless the FB has an associated deficit rate

Corrected recent rating issue with calculating ROLLUP_AS_WEIGHT in certain scenarios (aggregate rating enabled, but not a weight deficit situation)

Application	22.4
Cserv.exe	22.4.115.0

SCHEMA: 167474_TLO_SUMM_PRERATING_DEFICIT.SQL

🔴 **TM-167498** Canadian Payroll - Bonus Pay for an Employee could potentially calculate a positive TAXB amount

Corrected an issue for Canadian Payroll where a bonus payment for an Employee could potentially calculate a positive TAXB amount

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
PRRegister.exe	21.1.6.0	21.2.7.0	21.3.7.0	21.4.7.0	22.2.2.0	22.3.2.0	22.4.2.0

SCHEMA: 167498_CAN_CHECK_POSITIVETAX.SQL

🔴	TM-167521	APNCR.EXE config Create the Pay From Vendor AP_BILL record Default value to True	

| 🔴 | TM-167523 | Linked grid layouts are no longer seen by the assigned groups | Fixed an issue where linked grid layouts profiles to another group were not displayed when an end user of that group logged into the same application. |

Application	22.4
CServ.exe	22.4.115.2

| 🔴 | TM-167527 | Validate Bill Number before Approve of the FB Driver Pay | |

| 🔴 | TM-167529 | Billing Consolidation error in a triggered SQL statement in trigger OI_UPD_SYNC_CHILD | |

| 🔴 | TM-167558 | Full Authentication Failure - can not connect to Synergize Web Service | Users can now enter the Synergize web service credentials in Codes/Imaging/Workflow /Server tab, so these credentials will be used for authentication instead of using TM SSO login. |

Application	22.4
Codes.exe	22.4.20.0
CServ.exe	22.4.116.0

SCHEMA

167558_SYNERGIZE_WORKFLOW_PWD.SQL

| 🔴 | TM-167564 | Rate Sheet value & FX Rate do NOT show up for SMC3 rate sheet when SMC rate sheet is in USD currency and FB is in CAD Currency | Rating - Corrected issue where currency conversion information was not showing in the freight bill details window for ratesheets that get their pricing from Rateware/SMC tariffs |

Application	22.4
Cserv.exe	22.4.117.0

SCHEMA:
167564_RATEWARE_CURRENCY_EXCH.SQL

| 🔴 | TM-167569 | Direct Deposit Export window Currency is not displayed correctly until Refresh is clicked | |

| 🔴 | TM-167571 | Calculation problem with US Payroll - Special Type - Health Insurance | US Payroll - Fixed calculation for 'special type' Health Insurance, where it had stopped calculating SST/MED |

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
PRRegister.exe	21.1.5.1	21.2.6.1	21.3.6.1	21.4.6.1	22.2.1.1	22.3.1.1	22.4.1.1

| 🔴 | TM-167616 | Patch 156650 PROFILE_API_CREATE_VENDOR.SQL is missing from 21.2 and above schemas | Fixed an issue where a missing patch was detected during the Flyway migration workflow. This has been corrected, and the patch will now be correctly applied during an upgrade to any of the Fix Pack Versions associated with this case. |

SCHEMA:

167616_PROFILE_API_CREATE_VENDOR.SQL

| 🔴 | TM-167619 | Company Profiles error Assignment of a NULL value to a NOT NULL column re PR_DEFAULTS | Fixed an error "Assignment of a NULL value to a NOT NULL column re PR_DEFAULTS" in Company profiles. |

Application	21.4	22.2	22.3	22.4
Company.exe	21.4.0.14	22.2.0.6	22.3.0.7	22.4.0.9

| | TM-167646 | Magmedia W2 Box 16 and Box 18 discrepancy when Employee has more than one Employment State | US Tax Forms - W2 Box 18 (local wages) was not matching Box 16 (state wages) when an employee had more than one employment state during the year and Truckmate app config 'Calc. Box18 on W2 by' was set to 'Linking' |

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
MagMedia. exe	21.1.18.3	21.2.16.4	21.3.16.4	21.4.17.4	22.2.4.4	22.3.4.4	22.4.4.4

| | TM-167650 | Dangerous Goods Group Name | |

| | TM-167659 | Payroll Check for a Driver cannot be Voided due to Scalar error | |

| | TM-167664 | FB Import mapped PTLDTL.ITEMS are not reflected in Customer Service TLDTL.ITEMS | Fixed an issue where FB Import mapped PTLDTL.ITEMS were not reflected in Customer Service TLDTL.ITEMS.
SCHEMA:
167664_INSERT_FB_FROM_TEMP_TABLE.SQL |

| | TM-167693 | Trip Envelope Billing X-Charge amount does not automatically update | |

| | TM-167715 | EDI 204O file is not being generated when OI is created in CServ, but status from Disp | Fixed an issue where 204O file was not being generated when OI was created in Customer Service application, but status was changed from Dispatch application. |

Application	22.2	22.3	22.4
MadWinServiceHost.exe	22.2.15.0	22.3.19.0	22.4.21.0

SCHEMA:
167715_EDI_PROCESS_STATUS.SQL

| | TM-167722 | Error: A triggered SQL statement in trigger UPD_TERM_PLAN then Function sequence error in CSERV | |

| | TM-167737 | When a Rate group ID is populate with a value, Double clicking the grid should switch to first rate sheet in that group | |

| | TM-167746 | Driver Payable Account Type BL012 cannot be used in Payroll Config Departments GL Accounts | Payroll Configuration - Department tab - re-enable ability to manually specify a driver pay control account in the Department GL settings (needed for employee type drivers) |

Application	22.2	22.3	22.4
PrConfig.exe	22.2.1.1	22.3.1.1	22.4.1.1

| | TM-167783 | Error when trying to access the Payment History in Driver Pay Audit drivers gird. | Fixed the error when trying to access the Payment History in Driver Pay Audit drivers gird. |

Application	21.4	22.2	22.3	22.4
PayAudit.exe	21.4.14.2	22.2.3.2	22.3.0.3	22.4.4.2

| | TM-167788 | Codes.exe - UN Numbers Grid Allows Bad Values To Be Saved In Fields Without Validation | |

| | TM-167789 | 'Rateware XL Currency' config not having expected results in some scenarios | |

| | TM-167829 | Post Orders API not validating Bill-to account on Customer Profile when Bill-to = Other | Orders API - POST to /orders with an 'other' bill-to is now validating correctly. |

Application	22.4
Cserv.exe	22.4.121.2
Art.exe	22.4.130.4

| | TM-167858 | Rates.exe - 'Client Info' - 'Discounts/Minimums' - 'ID' (RATE_DISCOUNTS.RATE_DISCOUNTS_ID) should be read-only | |

| | TM-167868 | Rate Copy Wizard on Multi-Point/Break type rate sheet limits copy of the first 15 columns only | Rate Copy Wizard will now support up to 40 rate columns on Multi-Point/Break type rate sheet. |

Application	22.2	22.3	22.4
Rates.exe	22.2.9.0	22.3.13.0	22.4.14.0

SCHEMA
167868_RATE_COPY_SHEET.SQL

| | TM-167900 | Payroll Check for a Driver cannot be Voided due to Scalar error | Fixed a scalar error when voiding a Payroll Check for a Driver |

Application	21.3	21.4	22.2	22.3	22.4
Employee.exe	21.3.8.0	21.4.8.0	22.2.1.1	22.3.1.2	22.4.2.0

SCHEMA
167900_PR_VOID_CHECK.SQL

| | TM-167904 | Arrce.exe - Client Name in 'Freight Bill Cash Entry' or 'Misc Cash Entry' tab disappears | |

| | TM-167906 | Validate Bill Number before Approve of the FB Driver Deductions | |

| | TM-167926 | Fix the DELETE trigger: The Check List should allow users to change Comment and the 10 User Fields after FB being interfaced to Billing | Fixed the error that occurs when deleting the checklist record using SQLExec |

Application	22.2	22.3	22.4
CServ.exe	22.2.69.0	22.3.88.0	22.4.121.0

SCHEMA

167926_FIX_TR_CHECK_LIST_VW_DEL.SQL

| | TM-167934 | Dangerous Goods logic regarding CServ config 'Reset Details on Commodity Change' | |

| | TM-167955 | TMT Module Service Out of Memory error | Fixed the reported memory leak issues for TMT service. |

Application	22.4
MadWinServiceHost.exe	22.4.22.2

| | TM-167975 | Picklists for the Driver Loan Deduction Codes do not display only for the Driver Contract | |

| | TM-167989 | Barcode Tag Not in FB Import Template Table | |

🔴	TM-167995	Cserv.exe -Error: qInterliner: Cannot perform this operation on a closed dataset	

| 🔴 | TM-168026 | Imaging API not returning all Printed Invoices after changes in TM-166944 | Fixed the issue causing 'invoices?BillNumber' imaging API not to return all Printed Invoices. |

Application	22.2	22.3	22.4
ART.exe	22.2.91.0	22.3.117.0	22.4.130.0

SCHEMA:

168026_IMAGING_INVOICES.SQL

| 🔴 | TM-168031 | Canada Payroll - F5A calculation | Canadian Payroll - Corrected a small issue with the 'F5A' term in the deduction formula. F5A represents additional CPP contributions for the pay period deducted from the periodic income. This could potentially affect the tax calculation on bonus amounts. |

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
PRRegister.exe	21.1.8.0	21.2.9.0	21.3.9.0	21.4.9.0	22.2.4.0	22.3.4.0	22.4.4.0

SCHEMA:
168031_CALCULATE_CAN_TAX_117.SQL

| 🔴 | TM-168123 | Rating method Memo field has hidden character limit when run | |

| 🔴 | TM-168129 | Copying order via API adds extra (duplicate) dangerous goods item | |

| 🔴 | TM-168217 | TripEnv.exe - Able to Incorrectly Add Quotes to Trips | Fixed an issue within Trip Envelope Processing where users could assign Quotes to Trips without the application throwing any form of error/restriction around this process.

This has been corrected - users will no longer be able to match Quotes or Web Quotes onto Trips within TruckMate, and will receive an error if they attempt to do so. |

Application	22.4
TripEnv.exe	22.4.8.1

| 🔴 | TM-168409 | Order Preprocessor blanking out Consignee (or Shipper) information when using 'Apply Cross Reference Codes' is used | Fixed an issue where Order Preprocessor blanked out Consignee (or Shipper) information when 'Apply Cross Reference Codes' was used. |

Application	22.4
OrderPrePro.exe	22.4.7.1

| 🔴 | TM-168508 | CODES.EXE - 'PassThrough' type not in DROPDOWN | Added 'PassThrough' type in Accessorial Charge 'charge behavior' DROPDOWN. |

Application	22.2	22.3	22.4
Codes.exe	22.2.9.0	22.3.18.0	22.4.22.0

SCHEMA
168508_DD_PASS_THROUGH.SQL

| 🔴 | TM-168521 | Invalid error message "Can not set to Complete. Workorder contain both Financial and Non-financial GL Account" occurring in RMWO | Fixed an issue where Invalid error message "Can not set to Complete. Workorder contain both Financial and Non-financial GL Account" occurred in 'R&M Work Orders' application when 'No Journal Entries' was checked. |

Application	22.4
RMWO.exe	22.4.1.7

| | TM-168560 | FB Delivery Dates are reversed when created via MMDisp Daily LTL Quotes | Fixed an issue where FB Delivery Dates got inverted when created via MMDisp Daily LTL Quotes. |

Application	22.3	22.4
MMDisp.exe	22.3.89.2	22.4.120.5

| | TM-168592 | Error The customer XXX is not a Bill To Client when config 1st field on insert is BILL_TO_CODE | Fixed 'the customer is not a Bill To Client' error when the config CSERV.EXE: '1st field on insert' is BILL_TO_CODE |

Application	22.4
CServ.exe	22.4.121.3

| | TM-168627 | RMInvAdj.exe -Set Status to Complete when 'No Journal Entries' is checked and no records on GL tab | Fixed an issue where Invalid error message "Can not set to Complete. Inventory Adjustment contains both Financial and Non-financial GL Account" occurred in 'R&M Stock Adjustments' application when 'No Journal Entries' was checked. |

Application	22.4
RMInvAdj.exe	22.4.0.7

| | TM-168646 | Vendor Rating - Trip Accessorials - SP: GET_VEN_RATE_TRIP_ACC incorrectly going through manual acc for all loads | Carrier Assignment - Vendor Rating - Trip Accessorials - Resolved issue with manual acc charges where stored procedure was evaluating all loads rather than just the current load. |

Application	22.2	22.3	22.4
Dispatch.exe	22.2.38.0	22.3.53.0	22.4.69.0

SCHEMA:
168646_GET_VEN_RATE_TRIP_ACC_MANUAL.SQL

| | TM-168838 | ApNe.exe - users cannot change 'Quantity', 'Bill Rate', 'Bill Amt' etc. on 'Expenses' and 'Driver Deductions' tabs; 'Out of Balance' because that 'Bill Amt', 'GL Amt' and 'Func.Amt' are empty. | |

| | TM-155812 | Remove Session ID authentication and enforce Bearer token authentication for all Back Office APIs in 22.4 Release | Introduced a new requirement into all Back Office-related API requests meaning that all API's will now require Bearer token authentication, meaning that Payroll Session ID authorization will also be stopped. |

Application	22.4
ART.exe	22.4.125.3

| | TM-165198 | Tech Debt: SP: COPY_OSD_DETAILS - performance updates | |

| | TM-165199 | Tech Debt: SP: COPY_POD_DETAILS - performance updates | |

| | TM-165200 | Tech Debt: SP: UPDATE_TLORDER_SUMM_PRERATING - performance updates | Modifications were made to the UPDATE_TLORDER_SUMM_PRERATING procedure, which should lead to increased performance in certain rating situations. |

Application	22.4
CServ.exe	22.4.113.0

SCHEMA:

165200_UPDATE_TLORDER_SUMM_PRERATING.SQL

| | TM-165202 | Tech Debt: SP: CALCTAX_MASTERBILL - performance updates | |

⬆	TM-166351	Review / Remove LTLBe tech debt	Quick bill entry application is deprecated in 22.4. App configurations related to "LTLBE. EXE" is now set to hidden. Quick bill entry feature and security tab option is removed from Security.

Application	22.4
Security.exe	22.4.15.2

⬆	TM-166429	Tech Debt: INDEX required for TB: MACROPOINT_EXPHIST	
⬆	TM-166431	Tech Debt: Missing INDEX on TB: RMIS_SAFETY_MONITORING_LIMIT	
⬆	TM-166454	MMDisp.exe -'Short Form Pickup Entry' form, Make changes to respect 'Pickup Entry Date Mode' option	
⬆	TM-166483	Review / Remove Carrier 411 tech debt	Remove (or hide) Carrier 411 logic.

Application	22.4
Security.exe	22.4.16.0
Codes.exe	22.4.19.0
Profile.exe	22.4.18.0
Cserv.exe	22.4.111.0
Apne.exe	22.4.2.0
Cheque.exe	22.4.2.0
Gje.exe	22.4.2.0
Ipiipm.exe	22.4.1.0
Svclevel.exe	22.4.2.1
Syschecker.exe	22.4.1.0
Trace.exe	22.4.2.0
Tripenv.exe	22.4.7.9
Dispatch.exe	22.4.65.0
Mmdisp.exe	22.4.106.2

SCHEMA:
166483_CARRIER411_REMOVE.SQL

⬆	TM-166507	Dangerous goods contact name, phone and country code fields should be added to Order Preprocessor	
⬆	TM-166608	(23.1) Move AR Transaction Types (ARATX.EXE) into Codes Maintenance	Need to move the online help of AR Transaction Types to Code Maintenance
⬆	TM-166609	(23.1) Move Bulk Codes Maintenance (BULKCODES.EXE) into Codes Maintenance	
⬆	TM-166910	Performance: SP_PURGE_RES_CHANGE_CAPTURE	
⬆	TM-167212	TruckMate 23.1 - Update VMRS Codes	

| ↑ | TM-167265 | Payroll 2022 - State Changes for W2/1099 | MagMedia US > 1099 > Illinois - 1099-NEC requires Federal State Code in 'B' record position 663-664 |

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
MagMedia.exe	21.1.18.1	21.2.16.2	21.3.16.2	21.4.17.2	22.2.4.2	22.3.4.2	22.4.4.2

| ↑ | TM-167302 | Add indexes for the RATE_DISCOUNTS table | Optimize indexes on table RATE_DISCOUNTS.
SCHEMA:
167302_RATE_DISCOUNTS_PERF.SQL |

| ↑ | TM-167327 | Remove KPI's ribbon's dependency on stored binary files | Automated ribbon resource compilation in KPI |

Application	22.4
KPI.exe	22.4.0.6

| ↑ | TM-167418 | Direct Deposit NACHA Transfer Format for Chase Bank | Direct Deposit NACHA Transfer Format for Chase Bank. |

Application	22.2	22.3	22.4
DirDep.exe	22.2.2.1	22.3.5.1	22.4.6.0

SCHEMA

167418_NACHA_COMPANY_DISCRETIONARY_DATA.SQL

| ↑ | TM-167497 | Refactor FBIMPORT_INS_EXCEPTION SP to not use INS_DEBUG_MSG | Made a modification to the FBIMPORT_INS_EXCEPTION procedure to no longer attempt to insert values into the MADD_DEBUG table.

Customers will notice no changes to the standard Freight Bill Import process per this change; this was merely a case of refactoring code behind the scenes for increased performance. |

SCHEMA:

167497_FBIMPORT_INS_EXCEPTION.SQL

| ↑ | TM-167698 | PostUpgradeDML may incorrectly stamped new IP as pre-2012 IP | |

| ↑ | TM-167705 | Hide "TMW Cloud Imaging" service in MadWinServiceHost | |

| ↑ | TM-167870 | TechDebt: SP: GET_ACTUAL_SERVICE_DAYS - replace DGTT with CGTT table | |

| ↑ | TM-167891 | Unmatch Resources At End Of Reposition | |

| ↑ | TM-167892 | Correct the issue that SLM Log Entries Increased exponentially After Concurrent Update From API | Corrected an issue where SLM log entries would increase exponentially after concurrent updates to the same order record from the TruckMate REST API. |

Application	22.4
CServ.exe	22.4.119.0

SCHEMA:
167892_TLORDER_SLM_LOG.SQL

| + | TM-166210 | "clients" - Header - GET masterData /clients,~/:clientId | |

| + | TM-166211 | "clients" - Child "customDefs" - GET masterData/clients,~/:clientId/customDefs,~/customDefId | |

➕	TM-166212	"clients" - Child "contacts" - GET masterData/clients,~/:clientId/contacts,~/:contactId	
➕	TM-166213	"clients" - Header - POST masterData/clients - handle new fields	
➕	TM-166214	masterData - PUT /clients/:clientId - update new fields	
➕	TM-166227	"vendors" - Header - GET masterData/vendors,~/:vendorId	
➕	TM-166228	"vendors" - Child "customDefs" - GET masterData/vendors,~/:vendorId/customDefs,~/customDefId	
➕	TM-166229	"vendors" - Child "contacts" - GET masterData/vendors,~/:vendorId/contacts,~/:contactId	
➕	TM-166238	"vendors" - Child "contacts" - POST masterData/vendors - add contacts	
➕	TM-166686	DEV #2: Driver Pay Processing Enhancements	
➕	TM-166799	Enhancement User Field setup in Codes	

| ➕ | TM-166901 | DEV: Edit Resource Type and Resource ID in GL Journal Entry application |

The fix will allow the user to edit Resource Type and Resource ID for the imported records from TMT integration in GL Journal Entry application.

Application	22.2	22.3	22.4
Gje.exe	22.2.0.1	22.3.0.1	22.4.2.1

| ➕ | TM-166902 | DEV: Enhance TMT integration and include Resource Type and Resource ID |

As part of the TMT integration for the 'Download Accounting' job, ensure that Resource Type and Resource ID are included as part of this action.

Application	22.2	22.3	22.4
MadWinServiceHost.exe	22.2.13.2	22.3.17.2	22.4.18.10

➕	TM-167016	DEV: Create centralized library routine for Dangerous Goods logic	
➕	TM-167021	DEV: Update Art.exe to use new Dangerous Goods library routine(s) PUT	
➕	TM-167022	DEV: Art.exe add validation of commodity /unNumber combination on POST	
➕	TM-167043	DEV: Skid dimensions isn't entering PIECES, PALLETS and CUBE information into the EST_ fields.	

➕	TM-167296	DEV #1: Driver Pay Contract Enhancements	
➕	TM-167483	DEV: Users have to constantly ask a vendor profile to be activated.	
➕	TM-167662	DEV: Shipping Instructions with many Acc Charges are not coming over.	

| ➕ | TM-168077 | DEV: Accurate data is not populating in the CIS Export Wizard dispatch.csv file for LCV's | TCG DISPATCH Export -Replaced the Session Tables used in SP: EXP_TCG_DISPATCH with CGTT global tables and added custom hook SP: CUSTOM_AFTER_EXP_TCG_DISPATCH_LEG etc. |

Application	22.4
ExportWiz.exe	22.4.17.0

SCHEMA:
168077_EXP_TCG_DISPATCH_LEG_CUST_SUPPORT.SQL

| ➕ | TM-168312 | DEV: CIS Export Wizard-Invalid times need converted to AST | Fixed TCG P&D export incorrect terminal time; added custom hook for custom export behavior. |

Application	22.4
ExportWiz.exe	22.4.18.0

SCHEMA:
168312_EXP_TCG_ALL.SQL

| | TM-155721 | SUR - Magmedia - "View Data" button and Printing | Added/extended ability to reprint year-end tax forms (W2, 1099, T4, T4A, RL1) for previously saved recipients via the View Data window (right-mouse click on recipient and choose Print Recipient) |

Application	21.2	21.3	21.4	22.2	22.3	22.4
MagMedia.exe	21.2.16.1	21.3.16.1	21.4.17.1	22.2.4.1	22.3.4.1	22.4.4.1

Reports:

CAD_RL1_2022.rpt
CAD_RL1_Summary_2022.rpt

CAD_T4_Employee_2022.rpt
CAD_T4_Employer_2022.rpt
CAD_T4_Summary_2022.rpt

CAD_T4A_2022.rpt
CAD_T4A_Recipient_2022.rpt
CAD_T4A_Company_2022.rpt

US_941_2022.rpt
US_941_2022_06.rpt
US_941_SchedB_2022.rpt

US_1094C_2022.rpt
US_1095C_2022.rpt
US_1096_MISC_2022.rpt
US_1096_MISC_2022_A.rpt
US_1096_MISC_2022_B.rpt
US_1096_MISC_2022_C.rpt
US_1096_MISC_2022_D.rpt
US_1096_MISC_2022_E.rpt

US_1099_NEC_2022.rpt
US_1099_NEC__IRS_2022_A.rpt
US_1099_NEC__IRS_2022_B.rpt
US_1099_NEC__IRS_2022_C.rpt
US_1099_NEC__IRS_2022_D.rpt
US_1099_NEC__IRS_2022_E.rpt
US_1099_NEC__RECIPIENT_2022.rpt

US_W2_2022.rpt
US_W2_2022_A.rpt
US_W2_2022_B.rpt
US_W2_2022_C.rpt
US_W2_2022_D.rpt
US_W2_2022_E.rpt
US_W2_2022_F.rpt
US_W2_2022_G.rpt

US_W3_2022.rpt
US_W3_2022_A.rpt

| | TM-165812 | Trap Terminal SQL Memo errors and give more information to make tracking the cause easier | |

| | TM-167178 | Assign Pre-pull Bills to IM Trip and Address the Issue in Chassis Billing | |

| | TM-167188 | CheckList Items Security | |

| | TM-167345 | SUR - Address only one Inter-Company FB gets Carrier Costs instead of each IC FB (Part II) | |

| | TM-167974 | SUR - Driver Loan Deduction Code picklist to display the Driver Contract ID | |

☑	TM-161642	Payroll 2022 - CAN - Dev - Quebec RL-1	Canadian Payroll - Quebec - RL-1 Certification Number for 2022: RQ-22-01-226

Application	21.1	21.2	21.3	21.4	22.2	22.3	22.4
MagMedia.exe	21.1.17.2	21.2.15.2	21.3.15.2	21.4.16.2	22.2.3.12	22.3.3.12	22.4.3.13

☑	TM-165825	TruckMate 22.4 - Update VMRS Codes	

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Operations

T	Key	Summary	Release Notes
🔴	TM-85232	ConInv.exe: The defaulting of the No Charge field isn't working (based on app config setting)	
🔴	TM-127082	Freight Bill disappears from active P&D trip after ArrDock back to starting terminal	Fixed an issue where a FB was disappeared from a P&D trip when the trip was set arrive dock again for assigning another missed FB.

Application	22.4
MMDisp.exe	22.4.110.0

SCHEMA: 127082_DF_UPDATE_NEXT_TERMINAL_ZONE.SQL

T	Key	Summary	Release Notes
🔴	TM-134975	EDI Profile that is deactivated will send email notification eg. EDI 214 Outbound is not setup to run on any day	
🔴	TM-135908	Check Needs To Occur On WatchDawg Templates To Prevent DAWG Errors	
🔴	TM-138072	Menu Items That Open Further Dialog Screens Should Be Postdated With Elipses [MMDISP]	
🔴	TM-139294	"Auto Start Module" and "Auto Start Log Activities Windows" Options In MadServiceHost's Properties	
🔴	TM-154827	SQL Filter error in the FB grid of the DISPATCH module when using only an ORDER BY statement	
🔴	TM-155147	UnDocked Resource tab in Multi Mode Dispatch is not auto refreshed after a status update to the Trip	
🔴	TM-156537	LocalDispatch.exe - Menu Options Should Be Disabled When No Bills Present	
🔴	TM-156638	MMDisp and CServ will allow the Freight Bill to be Split when it is active on a Trip	
🔴	TM-156838	Driver Profiles HOS Ruleset: HOS Driver Cycle 8 for Canada Cycle Zone	

	TM-157054	TruckMate applications with NODUPCHECK defined in the shortcut will throw the Mutex warning	
	TM-159654	Dispatch.exe - Error Sorting On Columns In Sort Driver Trips Tab	
	TM-159656	Dispatch.exe - Error Sorting On Columns in Driver Logbook Window	
	TM-159657	Dispatch.exe - Error Sorting On Columns in Special Events Window	
	TM-160078	Multi Mode Dispatch Freight grids no longer allow direct entry into the User Fields	
	TM-160383	Certain dispatch flow/process results in the I record to be deleted from the LTL TermPlan	
	TM-160814	Error: Out of memory when running a Dawg that exports a large amount of data into a csv	
	TM-161216	Codes Maintenance - Labels aligness issue	
	TM-161266	Commgr - No drill down menu for Layout option	

	TM-162456	Freight Bill Grid in MMDisp Not Recognizing Same Shipper On LTL Updates	Fixed an issue where in MMDisp Freight Bill Grid the same shipper was not recognized on LTL status updates.

Application	22.3	22.4
MMDisp.exe	22.3.89.3	22.4.120.8

	TM-163458	PERFORMANCE: Printing multiple AR statements program taking long time to print more than 1 statement	
	TM-163488	Expand TM-150358 Logic To Include All Stages of P&D Trip	

	TM-164336	DOCKED TL Trips With Non-Reattempted Deliveries Causes Incorrect Stops To Be Added	Fixed an issue within Multi-Mode Dispatch and Trip Envelope Processing where attempting to set an optimized P&D Trip to 'DOCKED' would result in the LTL Mileage and Freight Bill Overview grids displaying incorrect stops that did not occur (when attempts were used during the Trip).

This has been corrected; now, when the Trip is DOCKED, it will only display the stops that actually occurred.

Application	22.2	22.3	22.4
MMDisp.exe	22.2.70.0	22.3.86.0	22.4.109.0
TripEnv.exe	22.2.8.0	22.3.8.0	22.4.8.0

SCHEMA:

164336_CITYD_GET_CGTT_TRIP_DETAILS.SQL

	TM-164493	Dev 01: Child process: EDI crashes for multiple customers	
	TM-165311	Adjustments Made In Yard Tab Should Trigger Refresh In MMDisp Application	
	TM-165354	SQL Error In MMDisp Caused Due To Issue Surrounding PD Routes In Terminal.exe	

| TM-165581 | Multi leg trips created from a trip schedule ignores the "Auto Match" configs settings and assigns resources to all legs | Fixed an issue where app config "Auto Match" settings were ignored in resources assignment when a trip was created from a trip schedule. |

Application	22.3	22.4
MMDisp.exe	22.3.88.1	22.4.117.1

| TM-165777 | Trip.exe - Chassis Picklist Displaying Flatbed Trailer Type Incorrectly |

| TM-165781 | TankWash.exe - Validation Missing on Certain Fields |

| TM-166368 | Multi Mode Dispatch Set Care of Drop Point display and validation of Client and Zone |

| TM-166648 | REPTR_ID Not Populated On Trip Table When Trip Created Via Template Process |

Fixed an issue within the Dispatch application where the 'Trip Template' field would not correctly display the name associated with a Trip Template that was created into a Trip. This has been corrected; now, when a Trip is created via a Trip Template, the name will display correctly within the field.

NOTE: If you currently utilize a CUSTOM_GET_DISP_TRIP_QUERY within your environment, this will need to be modified in order for the Template Names to display against Trips. Please contact the TruckMate Support Department if you need assistance in this regard.

Application	22.3	22.4
Dispatch.exe	22.3.51.0	22.4.67.0

SCHEMA:{}

166648_DISP_TRIP_QUERY.SQL

| TM-166654 | Ensure Freight Bill Assignment via tm/Trips/Orders Endpoint Obeys Terminal Plan Validations |

Fixed an issue via the Rest API where attempting to match Freight Bills to Trips via the tm/trips/orders endpoint could result in a Freight Bill with an invalid Terminal Plan being matched to the Trip.

This has now been corrected, and the following use cases are in effect:

(1) If a user attempts to match a valid Freight Bill (fully defined Terminal Plan) to a P&D Trip at a different Terminal (that doesn't align with the Terminal Plan), the assignment will be rejected.

(2) If the user attempts to match an incomplete Freight Bill (no defined Terminal Plan) to a P&D Trip at any Terminal, the assignment will be rejected.

(3) If the user attempts to match a partially complete Freight Bill (half of the Terminal Plan is defined) to a P&D Trip that doesn't align with the part of the Terminal Plan that has been completed, the assignment will be rejected.

Users will receive a 400 error from the API in these situations, with a note informing them as to why the assignment failed (per the reasons above).

Application	22.4
ART.exe	22.4.129.2

| TM-166692 | SPOTTING behavior no longer expected to auto apply the default DEPART CONSIGNEE and COMPLETION status to the FB |

Fixed an issue where attempting to apply a spotting status with the Additional Rule 'Complete FB if spotting at FB Dest' set to 'True' would not apply the default Depart Consignee status to the Freight Bill; it would just apply a COMPLETE status instead.

This has been corrected; now, in any setup, the status will correctly apply a Depart Consignee and Complete status if the Freight Bill is completed via a spotting action.

Application	22.4
Dispatch.exe	22.4.69.0
MMDisp.exe	22.4.120.10

| | TM-166737 | Stops Sequence are grouped when the Pickup and Delivery are at the same location | Fixed an issue where for P&D trip, stops sequence are grouped when the pickup and delivery were at the same location. |

Application	21.4	22.2	22.3	22.4
MMDisp.exe	21.4.138.4	22.2.70.4	22.3.86.4	22.4.109.6

| | TM-166776 | Planned Dock Locations - Unloading Freight Bill To Trap via ConnectedDock Breaks Terminal Movement Plan Records | Fixed an issue within Multi-Mode Dispatch and ConnectedDock where attempting to unload the items of a Freight Bill to a planned Trap destination would end up overriding all subsequent planned locations and create a "new" planned Trap record at the end of the current list (which would result in a broken plan for the bill). This has now been correct - the Trap will be updated correctly, regardless of where it is on the planning list. |

Application	22.4
ART.exe	22.4.124.1

| | TM-166777 | Planned Dock Locations - Freight Bills Displaying On Trap Screen Incorrectly When Trap Record Finished | Fixed an issue within Multi-Mode Dispatch where a Freight Bill would still display on a Trap's "Freight Bill" grid when the 'Future Plans' checkbox is enabled but the Freight Bill has either already "finished" on the Trap (and has moved onto a new Dock Location), or was overridden and bypassed being moved onto the Trap.

Please note that this issue was only noticeable if the App Config 'MMDISP.EXE > Allow Advanced Terminal Location Planning' was set to "True". |

Application	22.4
MMDisp.exe	22.4.108.0

SCHEMA:

166777_MMDISP_LOCATION_TLORDER.SQL

| | TM-166785 | Match Bills to Scheduled Trips does not match the X-Stops | Fixed an issue where Match Bills to Scheduled Trips did not match the X-Stop to the trip. |

Application	22.3	22.4
MMDisp.exe	22.3.85.0	22.4.107.0

SCHEMA: 166785_MATCHBILL_TRIPSCHED.SQL

| | TM-166802 | Vessel ETA differs between Dispatch and Customer Service | Fixed an issue where Vessel Schedule ETA in CServ did not match Vessel ETA in Dispatch of the same FB. |

Application	22.3	22.4
CServ.exe	22.3.86.0	22.4.120.0
Dispatch.exe	22.3.52.0	22.4.68.0

SCHEMA: 166802_VESSEL_SCHEDULE_ETA.SQL

| | TM-166810 | Memory leak in the SendSignatureRes API function | Fixed an issue where SendSignature function in TruckMate API Signature Capture model got an error of "Not enough storage is available to process this command". |

Application	22.2	22.3	22.4
TMServer.dll	22.2.3.3	22.3.4.2	22.4.4.4

| | TM-166818 | D2Link Return Macro 41 FB Detail Pieces and Weight values are negative values | Fixed an issue where pieces and weights were updated with wrong values through macro form when there were Multi Pointing Rating records in a bill. |

Application	21.4	22.2	22.3	22.4
MobCommSvc.exe	21.4.23.1	22.2.7.5	22.3.9.4	22.4.14.7

| | TM-166826 | MMDisp.exe - Grey Out 'Print' Menu Item When No Trips In Grid | |

| | TM-166829 | PeopleNet ARRIVE ZONE macro is not using the leg end zone as per the status code setting Leg End Zone for MobComm, using the actual zone from the truck | This case fixed an issue where Arrive Zone macro did not use the correct zone. Also the two app configs "Leg Start For Picks" and "Leg End For Drops" are respected with the fix. |

Application	22.2	22.3
MobCommSvc.exe	22.2.7.2	22.3.9.1

| | TM-166837 | MMDisp.exe - Add Error Message When Attempting To Park Planned Trip To Occupied Door | |

| | TM-166838 | The user import tool in Security allows users to be created in mixed case | Fixed two issues within the Security Configuration application. |

1) Fixed an issue where the User Import Tool was allowing the import of User ID's in mixed cases. TruckMate expects the User ID's to be in uppercase only, so this has been corrected.

2) Fixed an issue around an additional errors users could receive when running the import (related to TMAPP.GEN_EMAIL_ADDRESS). This has also been corrected, meaning users will not run into this error when using the Import Tool.

Application	22.4
Security.exe	22.4.16.1

| | TM-166843 | Date/time picker icon overlaps the date/time value | |

| | TM-166897 | Add User-Friendly Error Message To Replace Access Violation In Trip Operation Planning Tool | Fixed an issue within Multi-Mode Dispatch where attempting to create a Trip Operation Plan with one or more Freight Bills that did not contain a Delivery record within their Terminal Plans would result in an Access Violation being presented to the user. |

The Delivery record is mandatory for the Trip Operation Plan to succeed. As a result, in this case, a fix was made to present an error that informs the user which Freight Bill is missing the record so it can be cleaned up appropriately, rather than merely presenting the user with an unhelpful Access Violation.

Application	22.2	22.3
MMDisp.exe	22.2.69.6	22.3.84.8

| | TM-166904 | Load Offer Forward message error Communication link failure | Fixed an issue where got communication link failure error after selected an load forward form from Choose Load Offer Macro prompt. |

Application	22.2	22.3	22.4
Dispatch.exe	22.2.37.1	22.3.51.1	22.4.67.1

| | TM-166913 | String Right Data Truncation error when "Log Pacos Events" is turned on | Fixed an issue where load offer failed when "Log Pacos Events" was turned on and there were a big number of bills assigned to a trip. |

Application	22.2	22.3	22.4
MobCommSvc.exe	22.2.7.3	22.3.9.2	22.4.14.5

| | TM-166914 | OrbComm: Access Violation when processing an Orbcomm reefer event | Fixed an issue where got access violation error when processing an Orbcomm reefer event. |

Application	22.4
MobcommSvc.exe	22.4.14.3

| | TM-166917 | Duplicate key error when trying to unload items on trip | Fixed an issue where had duplicate key error when tried to unload items on trip. |

Application	22.2	22.3	22.4
MMDisp.exe	22.2.70.1	22.3.86.1	22.4.109.2

| | TM-166924 | MMDisp.exe - Update Bill Number /Update Trace Number Options Greyed Out Incorrectly | |

| | TM-166925 | MMDisp.exe - Replace 'String Data Right Truncation' Error With User-Friendly Message When Exceeding Trace Number Length | |

	TM-166929	MMDisp.exe/TripEnv.exe - Minor Cleanup Items Associated With New 'Update OSD/POD' Form	

| | TM-166930 | OrbComm dialer freezes and crashes the MobCommSvc.exe | Fixed an issue where an OrbComm SOAP exception caused MobComm service crash. |

Application	22.4
MobCommSvc.exe	22.4.14.4

	TM-166956	MMDisp.exe - Correct Legacy Errors on 'Print Probill Labels' Form	

| | TM-166984 | MMDisp.exe - "P&D: Auto-Sequence Picks" Resulting in MMDisp Freezing On Bill Assignment | Fixed an issue within Multi-Mode Dispatch where when the App Config 'MMDISP.EXE > P&D: Auto Sequence Picks" was set to 'Route Sequence', the application would crash if the bills were selected in a different order than the Route Sequence values.

This has been corrected; users can now select the bills in any order, and they will be assigned and ranked correctly to the chosen P&D Trip (without Multi-Mode Dispatch crashing in the process). |

Application	22.4
MMDisp.exe	22.4.109.1

	TM-166985	ConfigExplorer.exe - Renamed MMDISP.EXE App Configs Not Displaying Correctly	

| | TM-167055 | ART Server chokes on dialog popups | Adjusted the ART application to use a better directive for trapping dialog messages from popups and warnings and provide better exception handling. |

Application	22.4
ART.exe	22.4.126.5

	TM-167086	CDConfig.exe - Unable To Edit Records on Container Depot Tab	

	TM-167087	CDConfig.exe - Expand 'From Date' Field on Depot Rate Setup Tab	

	TM-167091	CDConfig.exe - Acc Charge Codes Table Allows Invalid Value Entry	

| | TM-167139 | Modify PeopleNet logic to support applying an 'Arrive at Dock' or 'Terminal' status behavior using the leg end zone when processing a DTF macro. | Fixed an issue where Arrive Dock or Terminal status did not use the leg end zone if it was through DTF macro forms. |

Application	22.2	22.3	22.4
MobCommSvc.exe	22.2.7.4	22.3.9.3	22.4.14.6

| | TM-167173 | MobCommSvc still won't restart on a db connection loss | Fixed an issue where MobCommSvc did not restart on a db connection lose. |

Application	22.4
MobCommSvc.exe	22.4.14.8

	TM-167189	Codes.exe - Access Violation When "Defined Fields - Custom" Tab Setting Unchecked	

	TM-167193	Cleanup Of Groups Tab in Security Configuration - Adding /Renaming	

| | TM-167199 | Access Violation error when saving a new D2Link Profile record | Fixed an issue where creating a new D2link stop profile would get Access Violation error. |

Application	22.4
Profile.exe	22.4.18.1

	TM-167237	Terminal.exe - Unable to Assign Bay To Doors (Inserts ID Instead Of Entered Value)	

	TM-167251	Auto select target mobile network when importing the forms	

	TM-167276	D2Link: Status applied to the FB when Return Macros for the Trip are sent for other FBs	Fixed an issue where ATMPTDLVRY status was applied to the FB when Return Macros for the Trip were sent for other Freight Bills.

Application	22.2	22.3	22.4
MMDisp.exe	22.2.70.2	22.3.86.2	22.4.109.3

TM-167278 — Dispatch, Driver Call-In and Message Centre will freeze when sending a Load Offer

Fixed an issue where Dispatch, Driver Call-In and Message Centre were frozen when sending a Load Offer.

Application	22.2	22.3	22.4
DCall.exe	22.2.0.2	22.3.1.1	22.4.1.1
Dispatch.exe	22.2.37.5	22.3.52.1	22.4.68.3
Macrodef.exe	22.2.1.1	22.3.0.11	22.4.1.1
Messagecentre.exe	22.2.0.5	22.3.0.9	22.4.0.15
MMDisp.exe	22.2.70.7	22.3.88.2	22.4.117.2

TM-167292 — Pickup Bills Being Incorrectly Marked as Picked When Loading Trip Prior to Departure

Fixed two issues within Multi-Mode Dispatch related to the Dock Activities > Loading workflow in relation to pickup bills.

(1) Fixed an issue where pickup Freight Bills would be automatically set to "Pickup Done = True" when the Start Loading option was used on a Trip at a Door (and no Delivery bills existed on the Trip).

(2) Fixed an issue where pickup Freight Bills would be automatically set to "Pickup Done - True" when the Suspend Loading option was used on a Trip.

Both of these issues have been corrected.

Application	22.2	22.3	22.4
MMDisp.exe	22.2.70.3	22.3.86.3	22.4.109.4

TM-167338 — UnDocked Resource tab in Multi Mode Dispatch is not auto refreshed after a status update to the Trip

Fixed an issue where undocked resource tabs were not auto refreshed when the assigned trip had changed status.

Application	22.4
MMDisp.exe	22.4.110.4

TM-167391 — Database has been rolled back error when trying to optimize after adding freight to an active trip

Fixed an issue where after adding freight to an active trip optimized the trip had "database has been rolled back" error.

Application	22.2	22.3	22.4
Dispatch.exe	22.2.37.3	22.3.51.2	22.4.67.2

	TM-167413	Scalar error in TRIP_TREE_VIEW_DATA procedure when there are multiple unit types with the same unit symbol	

	TM-167415	MMDisp.exe - 'Status History' Shows ALL Trip = 0 Records For Resources	

TM-167430 — INS_DEBUG_MSG and INS_DEBUG_MSG_EX need AUTONOMOUS parameter removed

reverted changes from ~~TM-166186~~ and removed AUTONOMOUS parameter..

Back merged removal of AUTONOMOUS parameter to INS_DEBUG_MSG and INS_DEBUG_MSG_EX. Schema only.

Application	22.4
SQLExec.exe	22.4.2.0

Schema: 167430_INS_DEBUG_MSG_AUTONOMOUS_BACKOUT.SQL

| | TM-167449 | LegMan SegmentComplete and ProcessStopOutOfOrder events fire prematurely | Fixed an issue where with Segment auto dispatch method, the follow up load offer was not sent but with pending status. |

Application	22.4
MobCommSvc.exe	22.4.14.9

| | TM-167486 | AutoDisp Segment - Pending functionality is broken | Fixed an issue where pending in autodisp segment didn't work. |

Application	22.2	22.3	22.4
MobCommSvc.exe	22.2.7.7	22.3.9.6	22.4.14.10

| | TM-167489 | Error Attempting To Change Status on Trip Due To Constraint Issues | Fixed two issues within Multi-Mode Dispatch that were causing issues with being able to advance Trips correctly after an issue:

(1) Corrected an issue where processing stops in a certain order could result in unexpected ordering of legs, eventually leading to a check constraint error in MMDisp. This has been corrected.

(2) Corrected an issue where users were unable to reset ACTIVE legs back to PLANNED in the event that two or more legs ended up being set as ACTIVE accidentally. This has been corrected. |

Application	22.4
MMDisp.exe	22.4.111.2

| | TM-167505 | Omnitracs HOS Drivers showing CAN 7 as current Driver cycle should be US | Fixed an issue where Omnitracs HOS summary hours were not based on their current duty cycle. |

Application	21.4	22.2	22.3	22.4
MadWinServiceHost.exe	21.4.43.3	22.2.14.3	22.3.18.2	22.4.20.2

| | TM-167516 | Return Message macro field 4 is not populated | Fixed an issue where user defined field value (Current Fuel Level) was not populated through return macro form. |

Application	21.4	22.2	22.3	22.4
Dispatch.exe	21.4.114.15	22.2.37.4	22.3.51.3	22.4.67.3
MadWinServiceHost.exe	21.4.43.2	22.2.14.2	22.3.18.1	22.4.20.1
MMDisp.exe	21.4.138.6	22.2.70.6	22.3.86.5	22.4.110.2
MobCommSvc.exe	21.4.23.2	22.2.7.8	22.3.9.7	22.4.14.11
TMServer.dll	21.4.10.2	22.2.3.4	22.3.4.3	22.4.4.5

| | TM-167523 | Linked grid layouts are no longer seen by the assigned groups | Fixed an issue where linked grid layouts profiles to another group were not displayed when an end user of that group logged into the same application. |

Application	22.4
CServ.exe	22.4.115.2

| | TM-167525 | Omnitracs: Load offer macro - Driver Notes are being truncated sometimes | Fixed an issue where Driver Notes were truncated in load offer message when there were double quotes in driver notes. |

Application	22.2	22.3	22.4
Dispatch.exe	22.2.37.6	22.3.52.2	22.4.68.4
Macrodef.exe	22.2.1.2	22.3.0.12	22.4.1.2
MMDisp.exe	22.2.70.8	22.3.88.3	22.4.117.3

| TM-167581 | MMDisp.exe - Suspend Unloading Action Forces Non-Unloading Bills Into Unloading State |

Fixed an issue within Multi-Mode Dispatch and ConnectedDock where attempting to set a Trip to 'Resume Unloading' after it had been suspended would cause all Freight Bills to be marked for Unload, incorrectly including bills that were not set to be unloaded at the Terminal in question.

This has been corrected; only Freight Bills marked for Unload on arrival will be returned to an unloading state after the Trip resumes unloading.

Application	22.4
ART.exe	22.4.126.1
MMDisp.exe	22.4.110.3

| TM-167590 | Scalar error in MMDisp when accessing Trips Grid |

Fixed an issue within Multi-Mode Dispatch where if a Trip accidentally ended up with two or more 'ACTIVE' legs, the grids in which that Trip resided would fire scalar errors, preventing any use of those tabs.

This has been corrected - while trying to interact with the offending Trip will still result in (expected) scalar errors, the grids themselves will be functional and will allow Dispatchers to update other Trips as required.

Application	22.4
MMDisp.exe	22.4.111.0

SCHEMA:

167590_MMDISP_TRIPS_TRIP.SQL

| TM-167595 | Ensure ART Obeys 'Status Change Date - Apply Time Zone' Setting When Creating Trips |

Fixed an issue within ART where sending in a new Trip request would not respect the 'Status Change Date - Apply Time Zone' App Config (which will change the 'Date Changed' value to respect the GMT Offset value for a zone code).

This has been correct; the time zone will now correctly be applied when the App Config is set to True.

Application	22.4
ART.exe	22.4.128.1

| TM-167605 | Access Violation when sending out D2Link load offer when no Accept/Reject macro's found |

| TM-167608 | Add missing devices to the next split job processor bucket number |

Fixed an issue where missing devices location history would be added into the first job processor bucket instead of splitting to others when there were multi threads.

Application	22.4
MobCommSvc.exe	22.4.14.13

| TM-167609 | String Data Right Truncation Attempting To Break Unconfirmed Seal |

Fixed an issue within Multi-Mode Dispatch where attempting to break an Unconfirmed Seal via the ConnectedDock workflow would cause a 'String Data Right Truncation' error. This was due to the fact that COMMENTS column was not long enough to store the entire message.

This has been correct; the length of the column has been expanded to ensure that even a Dock Worker with a maximum length name will be able to process through this workflow without issue.

Application	22.4
MMDisp.exe	22.4.117.0

SCHEMA:

167609_SEAL_COMMENT.SQL

| | TM-167638 | Resolve Invalid character found in a character string argument of the function BOOLEAN error when opening CSERV, MMDISP | Fixed an issue within Multi-Mode Dispatch where is the DST_APPLIES value of a zone code was set to anything other than 'True', 'False' or NULL, a boolean error would occur attempting to open the application. |

This has been corrected - upon upgrade to the Fix Pack, any "bad zones" will have the value adjusted to NULL to ensure that this error cannot occur. In addition, a special check has been added to ensure that if a user attempts to import a zone with a bad DST_APPLIES value, the system will reject the import and inform the user as to why it failed.

Application	22.4
MMDisp.exe	22.4.114.0

SCHEMA:

167638_CORRECT_INVALID_DST_APPLIES.SQL

TM-167695 — Quotes can be assigned to Trips via the Assign Bill feature in MMDisp

Fixed an issue in a number of different locations where Quotes could accidentally be assigned to Trips and moved as if they were regular bills. This has been corrected in the following locations:

- Dispatch - if users attempt to assign a Quote to a Trip, they will receive an error message preventing this action from occurring.
- Multi-Mode Dispatch - if users attempt to assign a Quote to a Trip, they will receive an error message preventing this action from occurring.
- Rest API - if users attempt to assign a Quote to an existing Trip or a new Trip, they will receive a 400 error message preventing this action from occurring.
- MobComm - if Drivers attempt to match a Quote to a Trip via their Mobile Devices, this action will be rejected.

Application	22.4
ART.exe	22.4.129.1
Dispatch.exe	22.4.68.6
MMDisp.exe	22.4.118.1
MobCommSvc.exe	22.4.16.1

TM-167699 — Getting warning of "No components for unmatch operations" when deassign a driver from a trip leg that is not active and has yet to be completed

Fixed an issue where for a trip with two drivers assigned, after arrive zone to a waypoint and then splitting its next stop to add another waypoint (terminal zone) caused driver2 being added into the rest of stops. De-assigning the driver got "No components for unmatch operations" error.

Application	22.4
MMDisp.exe	22.4.111.1

TM-167708 — Attempted Delivery/Attempted Pickup D Attempts and P Attempts fields are not updated

Fixed an issue where pickup and delivery attempts were not being updated on related Multi Mode Dispatch grids.

Application	22.3	22.4
MMDisp.exe	22.3.89.0	22.4.118.0

SCHEMA:

167708_DELIVERY_AND_PICKUP_ATTEMPTS.SQL

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TM-167720 — MMDisp.exe - Freight Bills Grid Incorrectly Marks Stops as Finished on Multi-Terminal Trip

Fixed an issue within Multi-Mode Dispatch and ConnectedDock where when Finish Unloading at the first Terminal in a Trip that had multiple Terminal stops planned, all but the last Terminal stop would be marked as "Finished".

This has been corrected - now, when the Finish Unloading happens at the first Terminal, only that stop will be marked as Finished; all others will remain as planned as expected.

Application	22.4
ART.exe	22.4.126.1
MMDisp.exe	22.4.111.2

TM-167722 — Error: A triggered SQL statement in trigger UPD_TERM_PLAN then Function sequence error in CSERV

| | TM-167730 | Access Violation Attempting To Create Merge & Split TOP Plan With Regular Zones | Fixed an issue within Dispatch and Multi-Mode Dispatch where attempting to create a Merge & Split Trip inside of the Trip Operation Planning tool would cause an Access Violation if the App Config "Status Change Date - Apply Time Zone" was set to True. |

This has been corrected; the error will no longer occur, and Trips can be created as expected.

Application	22.4
Dispatch.exe	22.4.67.3
MMDisp.exe	22.4.111.3

| | TM-167752 | Reset Leg State From ACTIVE to PLANNED Sets Incorrect Active Leg State | Fixed an issue within Multi-Mode Dispatch where attempting to use the 'Reset Leg State' option to revert a leg status from ACTIVE to PLANNED would result in the wrong "Active Leg" count being set on the Trip. |

This has been corrected; now, when this option is used, the Active Leg count will be correct.

Application	22.4
MMDisp.exe	22.4.112.0

SCHEMA:

167752_RESET_LEG_STATE.SQL

| | TM-167779 | Terminal status with "Enable Spot Trip Creation" raises an error "Unable to change the status while bill is active on another trip | Fixed an issue in Dispatch and Multi-Mode Dispatch where attempting to use the 'Enable Spot Trip' functionality on a Terminal status code could result in an error depending on the state of the Trip at the time of applying the status code. |

This has been corrected.

Application	22.4
Codes.exe	22.4.21.0
Dispatch.exe	22.4.67.4
MMDisp.exe	22.4.116.0
MobCommSvc.exe	22.4.15.0

SCHEMA:

162842_CREATE_SPOT_TRIP.SQL

| | TM-167797 | PeopleNet device is populated instead of the ELEOS device in Return Message | |

| | TM-167828 | 22.4+ apps will not open due to missing GRID_EXPORT_FIELDS table | Fixed an issue where without table GRID_EXPORT_FIELDS in a database, end user could not open TruckMate due to missing table error. |

Application	22.4
SQLExec.exe	22.4.2.1

| | TM-167885 | REST API Incorrectly Updating Current Zone of Bill When Status Code Is Administrative | Fixed an issue via Rest API where attempting to apply an Administrative status against a Freight Bill or a Trip would result in the current zone of the bill being incorrectly updated. This was incorrect; when applying an Admin status, the current zone of the bill should not change. |

This has been corrected; when the status is applied, the zone will no longer be adjusted (even if passed in via the API call).

Application	22.4
ART.exe	22.4.126.4

| | TM-167908 | Windows Service startup type not showing the correct value | |

	TM-167919	Unable to Activate and Reposition Resource In One Motion	Fixed an issue in Dispatch and Multi-Mode Dispatch where attempting to set a resource back to Available (after being unavailable) while also attempting to reposition it to a different zone would result in an unexpected error.

This has been corrected - resources can now be activated *and* repositioned within the same action.

Application	22.4
Dispatch.exe	22.4.68.1
MMDisp.exe	22.4.117.0

	TM-167920	Unable To Reposition Resource Twice Within Same Minute When Time Format Adjusted	Fixed an issue in Dispatch and Multi-Mode Dispatch where if a user attempted to enter two Reposition records for the exact same second, a non-friendly error would have been displayed to the user (not making it clear on what the issue was).

This has been corrected; if a user attempts to do the above, they will be presented with an error that explains that this cannot occur, and they will be required to either change the date or time on the record request.

Application	22.4
Dispatch.exe	22.4.68.5
MMDisp.exe	22.4.117.4

	TM-167971	tm/trips - TMS_TRIP view does not have all trips to query from	Fixed an issue where not all completed trips where being returned in the Trips API.

Application	22.4
ART.exe	22.4.128.0

SCHEMA:
167971_TMS_TRIP.SQL

	TM-167991	Memory leak in the AutoMobileBase.pas	

	TM-167994	Access violation in grid layout cache	Fixed an issue where access violation in grid layout cache occurred.

Application	22.4
CServ.exe	22.4.117.1
MMDisp.exe	22.4.115.1

	TM-168028	Extra debug for SOAP message validation.	Fixed an issue where sending a text message through Raw SOAP in TruckMate API got an error, which was not an real XML error. Now an extra debug logging is added to handle this.

Application	22.4
TruckMateWS.dll	22.4.0.7

	TM-168033	TruckMate ISO splash screen update	Updated TruckMate autorun splash screen to new version.

	TM-168116	Status Update doesn't have the zone description	Fixed an issue where Status Update did not have the zone description.

Application	22.4
Dispatch.exe	22.4.68.2

	TM-168120	SigCapture in the Raw SOAP tab in TMWTestClient.exe is not working	

	TM-168166	Do not create schedule messages for certain status behaviours	With the fix some status like arrive at dock would not create schedule messages after the status is processed.

Application	22.4
MobCommSvc.exe	22.4.16.3

	TM-168186	Use STOP Table in MMDISP_GET_TRIP_PICKUP_LOC	

| | TM-168217 | TripEnv.exe - Able to Incorrectly Add Quotes to Trips | Fixed an issue within Trip Envelope Processing where users could assign Quotes to Trips without the application throwing any form of error/restriction around this process.

This has been corrected - users will no longer be able to match Quotes or Web Quotes onto Trips within TruckMate, and will receive an error if they attempt to do so. |

Application	22.4
TripEnv.exe	22.4.8.1

| | TM-168232 | The Trailer ID is not being populated in the Bill Linkage field when doing Ad Hoc freight bill movements via Connected Dock | Fixed an issue within the ConnectedDock application where when a Freight Bill was being directly crossdocked to a Loading Trip (unplanned), the Linkage field/Trip Tree View would not correctly associate the bill to the loading resource on the Trip.

This has been corrected, and will now correctly occur when the items are crossdocked onto the unplanned Trip. |

Application	22.4
ART.exe	22.4.130.2

TM-168274 TM API/Geotab MMDISP - Load offer - some trips freezing on the Batch LTL Pickup/delivery screen

Fixed an issue where got applications freeze after sending load offer for some trips.

Application	22.2	22.3	22.4
Dispatch.exe	22.2.37.7	22.3.52.3	22.4.68.7
Macrodef.exe	22.2.1.3	22.3.0.13	22.4.1.3
MMDisp.exe	22.2.70.9	22.3.89.1	22.4.120.3

TM-168377 STOP.ARR_ACTUAL is overridden with STOP.DEP_ACTUAL

Fixed an issue where arrive timestamp was overridden with the depart timestamp in table STOP.

Application	22.4
MMDisp.exe	22.4.120.2

TM-168603 Access Violation when attempting To Use Match Bill By Trace No in MMDisp

Fixed an issue within Multi-Mode Dispatch where attempting to match Freight Bills to Trips using the 'Match Bill by Trace No' was presenting users with an Access Violation error.

This has been corrected; bills can once again be matched to Trips without issue.

Application	22.4
MMDisp.exe	22.4.120.4

TM-168867 MMDisp Cleanup - Pickups Grid - Fields Not Functioning

TM-168868 MMDisp Cleanup - Deliveries Grid - Fields Not Functioning

TM-168869 MMDisp Cleanup - CrossDock Grid - Fields Not Functioning

TM-168979 Con't of Dev 01: Child process: EDI crashes for multiple customers

TM-156759 IGNORE Option Should Be Removed From Both CROSSDCK.EXE > Handling Configs

TM-160174 Messagecentre.exe - Allow more than 10 items to be displayed at a time in Trailer Sensor and location history grids

TM-161565 SQLExec - add space check menu option

Introduced new menu option under Tools menu. Selecting the menu item will put the code into the first SQL tab and Execute the query to provide the data within SQL Exec. Since this is in a normal tab, all capabilities of extracting the data are available in the result tabs.

ReCommitting due to file version error. Unable to update manually - new version 23.1.0.2

	TM-164337	Modify Sort Order on LTL Miles Grid	
↑	TM-165878	Remove CityDisp and CrossDck tech debt	
↑	TM-165880	Make Adjustments to 22.4 Installation	
↑	TM-166325	Add Manifest Maintenance 'Print Load Card' Option to MMDisp Trip Grids	
↑	TM-166382	Update Bill Number - Transfer Unique Deman Functionality into MMDisp Prior To Deman's Sunset (MMDisp)	
↑	TM-166429	Tech Debt: INDEX required for TB:MACROPOINT_EXPHIST	
↑	TM-166503	Remove 'Number of Routes' (NUM_ROUTES) from the Terminal table	
↑	TM-166531	Remove Hostler related modules and tables	
↑	TM-166609	(23.1) Move Bulk Codes Maintenance (BULKCODES.EXE) into Codes Maintenance	
↑	TM-166736	Print Bar Code Labels - Transfer Unique Deman Functionality into MMDisp Prior To Deman's Sunset	

↑ TM-166765 **Planned Dock Locations - Grey Out 'Plan Bill' Option in Customer Service When Selected on Non-Terminal Zone**

Added new functionality into Customer Service to ensure that users cannot access the 'Plan Bill' feature on the LTL Tab when the "Terminal Zone" in the Load Plan grid is a regular zone (which can be inserted using the 'Specified Zone' feature from Multi-Mode Dispatch). This option will only be accessible on true Terminal Zones (and where the Type is not a Pickup).

Application	22.4
CServ.exe	22.4.112.1

↑	TM-166784	POD - Transfer Unique Deman Functionality into MMDisp Prior To Deman's Sunset	
↑	TM-166872	Update Bill Number - Transfer Unique Deman Functionality into MMDisp Prior To Deman's Sunset (MobComm)	

↑ TM-166874 **Review and Improve Database GO-LIVE Purge Procedures**

Fixed an issue within the DataPurge application to correct several DB2 errors that were occurring when running a purge due to some recent code changes. This has been corrected, and DataPurge can successfully run through all tables as required.

Application	22.2	22.3	22.4
DataPurge.exe	22.2.4.0	22.3.4.0	22.4.4.0

SCHEMA:

166874_Improve_Data_Purge_GoLive.SQL

↑	TM-166880	Remove Remaining Deman Configs from TruckMate	
↑	TM-166986	MMDisp.exe - Add Validation to App Config "Deassignment Resource Groups"	
↑	TM-166988	MMDisp.exe - Auto-Refresh Pickup Grid After Route Sequence Entered	
↑	TM-166990	MMDisp.exe - Update Name Of Config "WriteTLOrderDoor"	

| | TM-167072 | Adjust Dock Activities To Respect App Config "Apply Time Zones" | Added new functionality into Multi-Mode Dispatch pertaining to the Dock Activities workflow. If a customer has the "Apply Time Zones" config enabled, Dock Activities will automatically adjust to the time zone specified on the zone code as opposed to the local time zone of the machine/server the update was done on.

As an example, local machine is in Vancouver, BC, where the current time is 8:50 AM (PST-8). This user loads into their Manitoba Terminal (CST-6) and sets a Trip to 'Start Loading'. The Date Inserted is recorded at 8:50 AM, but the date changed will reflect the Terminal time zone (so 10:50 AM).

Application	22.4
MMDisp.exe	22.4.110.1

| | TM-167137 | TTCImport service should perform ART health check in the event of 500 errors | |

| | TM-167272 | DEV-01.5: Move Trip Template business logic into library | |

| | TM-167327 | Remove KPI's ribbon's dependency on stored binary files | Automated ribbon resource compilation in KPI

Application	22.4
KPI.exe	22.4.0.6

| | TM-167341 | Cleanup and reworks related to the TTC MultiThread design | Updated multi threaded export service to work with status updates and fixed error handling scenarios.

Application	22.4
MadServiceHost.exe	22.4.4.1
MadWinServiceHost.exe	22.4.22.3

| | TM-167358 | Merge the stop changes notifications to one event handler | This case improved the functionality of attempted pick unmatch/cancel by sending out the updated trip load automatically after attempated pick unmatch or attempated pick cancel return macro is received.

Application	22.4
MobCommSvc.exe	22.4.14.12

| | TM-167361 | truckmate-exceptions Azure function app needs to be upgraded to Python 3.10, env v4 | |

| | TM-167384 | Dispfunc creating too many empty reposition trips when dispatching the loaded trip | Improved Dispfunc the way of empty reposition trip creation - Multiple resources located at the same zone in a trip and the trip starts from different location, only one empty move trip is created for upon trip dispatch. When on the other hand, resources in a trip with different zones, empty move trips are created for each different zone.

Applications	22.4
ART.exe	22.4.126.3
Dispatch.exe	22.4.67.4
MMDisp.exe	22.4.114.1
MobCommSvc.exe	22.4.14.14

| ⬆ | TM-167439 | Freight Grids in MMDisp Require Adjustment For Performance Reasons - Quick Filter Changes | Added new functionality into Multi-Mode Dispatch to improve the way Quick Filters function within numerous grids inside the application. Users can now add the following line into existing Quick Filters above the parameters option: |

"levelToApply": 1

If this is applied, this will allow the Quick Filter to function within the stored procedure that populates the grids. For the everyday user, this will significantly improve performance of the following grids:

- Freight > Deliveries
- Freight > Pickups
- Freight > CrossDock
- Trips > Planning
- Trips > Doors
- Trips > Outbound
- Trips > Inbound
- Trips > P&D
- Trips > Trips

Users will still be able to use Quick Filters without adding this parameter in both Dispatch and Multi-Mode Dispatch.

Application	22.4
Dispatch.exe	22.4.68.6
MMDisp.exe	22.4.119.1

| ⬆ | TM-167500 | Add SYSTEM:DEBUG conditional logic check for MADD_DEBUG record insertions | Improved functionality within a number of Stored Procedures in TruckMate to enhance how the system will call and store debug information to the MADD_DEBUG table. |

Customers will not notice any visible changes as part of this adjustment, but may notice some minor improvement in certain areas that previously called the procedures that were modified.

SCHEMA:

167500_ADD_SYSTEM_DEBUG_CHECK_FOR_MADD_DEBUG_INS.SQL

| ⬆ | TM-167596 | Ensure Terminal 'Trapped' Status Correctly Logged In Appropriate LOCHIST/STAT Tables | Added new functionality into Multi-Mode Dispatch and ConnectedDock regarding Traps. Now, when Traps are created, moved or deactivated, records of these actions will be stamped inside the resources Location History window as POSITION records. This will allow users to see who processed what action, and when, and by whom. The following events will be recorded: |

- Creation of the Trap
- Moving Trap from Door to Yard
- Moving Trap from Yard to Door
- Moving Trap from Door to Door
- Deactivating Trap

Application	22.4
MMDisp.exe	22.4.110.5
Terminal.exe	22.4.2.2

| ⬆ | TM-167663 | Modify MMDisp Stored Procedures To Introduce Insensitive Cursors To Prevent Additional Timeouts | Fixed an issue within Multi-Mode Dispatch where a number of processes were resulting in unnecessary timeouts across the application. This has been corrected; a number of stored procedures have been improved in an attempt to limit the number of timeouts that will happen naturally, thus providing a better experience for the end user of the application. |

Application	22.4
MMDisp.exe	22.4.119.0

SCHEMA:

167663_CGTT_CITYD_PICKUP_SUMMARY.SQL

	TM-167749	Performance: SP_CITYD_GET_TRIP_DETAILS - missing Indexes against TB: LOAD_OFFER	In order to improve performance within Multi-Mode Dispatch, a new Index was added to the LOAD_OFFER table to improve the speed in which the application will run when a reference to the LOAD_OFFER table is called.

In order to improve performance within Multi-Mode Dispatch, a new Index was added to the LOAD_OFFER table to improve the speed in which the application will run when a reference to the LOAD_OFFER table is called.

The new index is called IDX_LOAD_OFFER_DLID_TX_TYPE. Customers will notice no interface changes as a result of this adjustment, but may experience a performance increase in Multi-Mode Dispatch if they have a particularly large LOAD_OFFER table.

Application	22.3	22.4
MMDisp.exe	22.3.87.0	22.4.113.0

SCHEMA:

167749_LOAD_OFFER_INDEX.SQL

TM-167780 — Performance: TB: REEFER_EVENT - INDEX required and INDEXES revamped

This case added proper indexes in table reefer_event to improve the performance of a call against reefer event.

Application	22.4
MobCommSvc.exe	22.4.15.1

SCHEMA: 167780_REEFER_EVENT_IDX.SQL

TM-167794 — Make ACTIVE field text-editable

TM-167796 — Replace time picker with text-editable version

TM-167863 — Update TTC Export MERGE and INSERT statements

Improved the performance of the stored procedures used to get which orders to process and status updates for the Trimble Cloud Export service.

Application	22.4
MadWinServiceHost	22.4.22.0

SCHEMA: 167863_TCE_GET_ORDERS_TO_PROCESS_PERFORMANCE.SQL

TM-167883 — Move commgr.exe "Track on Trip" app config to mobile account specific

This case moved previous app config "Track on Trip" to Mobile account specific - in Mobile Device Maintenance a new check box "Use Track on Trip" is added in each mobile network definitoin screen. When it's enabled dispfunc would be called in position changing and when it's disabled no dispfunc is called for position change.

Application	22.4
ART.exe	22.4.129.0
Cfgcomm.exe	22.4.2.1
MadWinServiceHost.exe	22.4.23.0
MobCommSvc.exe	22.4.16.0
TMServer.dll	22.4.5.0

SCHEMA: 167883_TRACK_ON_TRIP.SQL

TM-167884 — Able To Incorrectly Apply Attempted Statuses After Arrive At Terminal Behavior

Added new functionality into TruckMate to ensure that if and when an Arrive at Dock status is applied to a Trip, if the system detects any unprocessed "pickups", a prompt will be given to the user changing the status informing them that there are unprocessed picks on the Trip. The user can either then cancel the status change, or proceed - by proceeding, the pickup bills will automatically be removed from the Trip and will remain as unpicked.

It should be noted that if the update is done via the Rest API workflow, bills will automatically be removed from the Trip (and users may be required to proceed with some manual cleanup after the fact).

Application	22.4
ART.exe	22.4.130.4
Dispatch.exe	22.4.68.7
MMDisp.exe	22.4.120.6

| ↑ | TM-167913 | MMDisp.exe - Auto Check 'Dock Only' on Deliveries and CrossDock Grids For Performance Boost | Added new functionality into Multi-Mode Dispatch relating to the Deliveries and CrossDock grids. In an effort to improve the performance of the application, the 'Dock Only' flag will now be automatically checked for all users when opening the application for the first time. |

The values of these fields will be retained on close; this means that if a user unchecks the 'Dock Only' flag on the Deliveries grid and then closes the application, it will be "off" the next time they open the application.

This change was done to assist with performance; when Dock Only is not checked, the application will display additional records that the user may not care about up front.

Application	22.4
MMDisp.exe	22.4.112.1

| ↑ | TM-167954 | SQLExec.exe - Add Ability To View MQT Tables From Standard System Info Window | |

| ↑ | TM-167969 | Performance: SP_CITYD_GET_TRIP_DETAILS - missing Indexes against TB: LOAD_OFFER - Part II | In order to improve performance within Multi-Mode Dispatch, a new Index was added to the LOAD_OFFER table to improve the speed in which the application will run when a reference to the LOAD_OFFER table is called. |

The new index is called IDX_LOAD_OFFER_TRIP. Customers will notice no interface changes as a result of this adjustment, but may experience a performance increase in Multi-Mode Dispatch if they have a particularly large LOAD_OFFER table.

Application	22.3	22.4
MMDisp.exe	22.3.88.0	22.4.115.0

SCHEMA:

167969_LOAD_OFFER_IDX.SQL

| ↑ | TM-168187 | Freight Grids in MMDisp Require Adjustment For Performance Reasons. SP Changes | Made a number of performance-based modifications to the Freight grids within the Multi-Mode Dispatch. The following adjustments were made to improve the overall performance of the application when users interact with these grids: |

(1) Added a new Config to TruckMate - "Maximum Records to Display on Deliveries/CrossDock Grids". The idea behind this is that the number of records will be capped at a specified value to ensure that performance remains high. A new 'Base Count' field was added to show the total bills being displayed, and if the value is highlighted red then it means that records are not being displayed due to the cap. Users should then apply filters to view all necessary bills.

This option will start at "0", meaning ALL bills will be viewed. The cap can be applied as needed.

(2) Removed a call to an old table to improve performance around the Pickups and CrossDock grid. This change also improves the speed in which pickups and deliveries are displayed on the Trimble Maps panel.

(3) Made a change to a procedure that draws warnings onto the grids; users will receive a boost in performance based on this change.

Application	22.4
ConfigExplorer.exe	22.4.3.0
Dispatch.exe	22.4.68.6
MMDisp.exe	22.4.120.1

| ↑ | TM-168290 | Freight Grids in MMDisp Require Adjustment For Performance Reasons - SP Rewrites | |

| | TM-162842 | Trailer Work Project - Introduce 'Leave Items On Board' Workflow | Made improvements in TruckMate to the 'Leave Items on Board' workflow, to ensure that in all situations where a Trailer is deassigned from a Trip, if items are still present on the Trailer the situation will be handled accordingly: |

- True - a new spotted Trip will be created, when items/bills present on the Trailer will be moved to this new Trip.
- False - the items/bills will remain on the original Trip and will not follow the Trailer.
- Ask - when the Trailer is deassigned, the user will be prompted to select Yes (True) or No (False).

It should be noted that this Config existed previously - this is merely an improvement to the overall workflow around these settings.

Application	22.4
ART.exe	22.4.130.4
Dispatch.exe	22.4.69.0
MMDisp.exe	22.4.120.10

	TM-166370	DEV-01: Auto Create Trip Templates via FB Creation - New Schema Modifications	
	TM-166372	DEV-02: Auto Create Trip Templates via FB Creation - New 'Trip Template Auto-Match' UI	
	TM-166373	DEV-03: Auto Create Trip Templates via FB Creation - Access 'Trip Template Auto Match' via Applications	
	TM-166374	DEV-04: Auto Create Trip Templates via FB Creation - Creating Mapping Records	
	TM-166375	DEV-05: Auto Create Trip Templates via FB Creation - Matching Process (FB to Rule)	
	TM-166377	DEV-07: Auto Create Trip Templates via FB Creation - Auto Assign to Trip Site Logic Override	
	TM-166378	DEV-08: Auto Create Trip Templates via FB Creation - Invalid Trip Templates	
	TM-166380	DEV-10: Auto Create Trip Templates via FB Creation - Security Enhancements	
	TM-166647	DEV: Due to D2Link errors the POD captured by D2link does not flow to CSERV	
	TM-167431	DEV-01: Need more records to show in filter for eManifest - Port of Entry Filter	

| | TM-167580 | DEV: Additional rule called "Complete Trip if Empty" doesn't work for all trip types. | Adjusted the functionality of the "Complete Trip if Empty" rule on Arrive at Dock statuses within TruckMate. Previously, this logic would only work that contained no Trips at all (ie. total bill count on Trip was 0). |

This has now been adjusted - instead, the system will now take the ACTIVE BILL COUNT, meaning that if there are no bills present on the Trip (but there was at some point), the Trip will still auto-complete when an Arrive at Dock status is applied at the Terminal at the end of the Trip.

This will function per the above in all forms of Dispatching.

Application	22.4
ART.exe	22.4.130.4
Dispatch.exe	22.4.68.7
MMDisp.exe	22.4.120.7
MobCommSvc.exe	22.4.16.3

| | TM-167835 | Service Monitoring - update cycle time heartbeat for MileServer | Added cycle time heartbeat for Mileage server. MileService entry is added/updated in the table TM_SERVICE upon a mileserver job is processed. |

Application	22.4
msservice.exe	22.4.0.18

| | TM-167844 | Service Monitoring - update cycle time heartbeat for ComMgr Service | Added cycle time heartbeat for ComMgr Service. Mobile Communications Service entry is added /updated in the table TM_SERVICE upon a Mobcomm job is processed. |

Application	22.4
MobCommSvc.exe	22.4.16.2

| | TM-168299 | MadWinServiceHost - update cycle time heartbeat globally | Added service monitoring for tracking last run/cycle time for TruckMate Windows Services Host services. |

Application	22.4
MadWinServiceHost.exe	22.4.23.1

	TM-165812	Trap Terminal SQL Memo errors and give more information to make tracking the cause easier
	TM-167178	Assign Pre-pull Bills to IM Trip and Address the Issue in Chassis Billing
	TM-166435	Add MQT Type to Stored Procedure TM_ADD_TABLE
	TM-166859	(23.1) Adjust shortcuts
	TM-167717	Remove Bulkcodes.exe from 23.1 builds
	TM-167718	Remove Aratx.exe from 23.1 builds
	TM-168348	Remove QuoteNotesFix.exe from 23.1 builds
	TM-168349	Remove RS_RATE_IMPORT. exe from 23.1 builds

191 issues

Web/API

T	Key	Summary	Release Notes
	TM-160117	Seals Resource - System generated Fields	
	TM-165675	Missing fields from orders in trips response body	
	TM-166185	POST orders/orderId/aCharges with invalid aChargeCode still creates an invalid record	

| | TM-166285 | POST /POST /orders?copyOrderId=xxx fails with error about pods.txType is missing | Fixed an issue where the the copyOrderId parameter was copying POD records into the new order. |

Application	22.4
ART.exe	22.4.125.5

| | TM-166386 | orders.aCharges.aChargeId is incorrectly returned as an empty object | |

| | TM-166400 | GET /orders?traceType=~&traceNumber=:traceNumber | |

| | TM-166539 | POST /clients allows bad email address values to be saved | |

| | TM-166654 | Ensure Freight Bill Assignment via tm/Trips/Orders Endpoint Obeys Terminal Plan Validations | Fixed an issue via the Rest API where attempting to match Freight Bills to Trips via the tm/trips/orders endpoint could result in a Freight Bill with an invalid Terminal Plan being matched to the Trip. |

This has now been corrected, and the following use cases are in effect:

(1) If a user attempts to match a valid Freight Bill (fully defined Terminal Plan) to a P&D Trip at a different Terminal (that doesn't align with the Terminal Plan), the assignment will be rejected.

(2) If the user attempts to match an incomplete Freight Bill (no defined Terminal Plan) to a P&D Trip at any Terminal, the assignment will be rejected.

(3) If the user attempts to match a partially complete Freight Bill (half of the Terminal Plan is defined) to a P&D Trip that doesn't align with the part of the Terminal Plan that has been completed, the assignment will be rejected.

Users will receive a 400 error from the API in these situations, with a note informing them as to why the assignment failed (per the reasons above).

Application	22.4
ART.exe	22.4.129.2

| | TM-166712 | offset and limit are being returned in POST orders/customDefs and dangerousGoods | |

| | TM-166766 | Vendors API - effectiveFrom effectiveTo defined with wrong pattern | |

| | TM-166832 | TTC Server Error 500 causes CServ to hang when sending WFT request | Fixed an issue where Customer Service would become unresponsive in the event of a TTC error when initiating the waterfall tendering process. |

Application	22.4
CServ.exe	22.4.114.2

| | TM-166921 | TM REST API Server Error code 500 triggered SQL statement in trigger \" TMWIN.TLORDER_UP when sending PUT request with Delivery fields | Fixed an issue where the perishable, regional restrictions and conversion unit detail line fields were being updated by the Orders API when using the PUT method on an order without including the details section in the request. |

Application	22.4	22.3	22.2
ART.exe	22.4.125.1	22.3.115.2	22.2.89.2

| | TM-167004 | TM4Web - Trace encounters PHP error if function custom_add_trace_where includes reference to a field in WebAdmin advanced trace options | Fixed an issue where PHP errors where encountered when advanced SQL was used in the custom_add_trace_where function. |

Application	22.4
TM4Web	22.4.0.28

| | TM-167099 | Installation path needs to be corrected for Apache installation in TruckMate installer | |

🔲	TM-167116	PUT /orders/:orderId/details/:orderDetailId /barcodes/:barcodeId does not update the dimensional changes history	Fixed an issue where an update to barcode dimension fields through the Orders API did not add a record to the dimensional changes history.

Application	22.2	22.3	22.4
ART.exe	22.2.90.1	22.3.116.1	22.4.125.2

🔲	TM-167195	MasterData invalid json response
🔲	TM-167196	MasterData Allow response header missing
🔲	TM-167197	MasterData incorrect responding with required fields error
🔲	TM-167228	MasterData - Access violation

🔲	TM-167241	SUB_TOTAL is not recalculated when manually rated order is created/updated through TM orders API	Fixed the issue preventing the SUB_TOTAL was not recalculated when a manually rated order is created/updated through TM orders API.

Application	22.4
ART.exe	22.4.125.8

🔲	TM-167252	MasterData is not returning all errors when the request body (POST/PUT) contains invalid value types for multiple child resources
🔲	TM-167290	POST / PUT not correctly updating or processing requests for client detentions
🔲	TM-167306	Orders API add PTLORDER.AREA
🔲	TM-167316	rangeField1 is not returning correct enum values in masterData API
🔲	TM-167317	POST /aChargeCodes/aChargeCodeId with grandchild resources result in an invalidBusinessLogic error
🔲	TM-167328	DELETE/POST aChargeCodes /aChargeCodeId/aChargeDetails returning a 404 with valid aChargeCodeId in URL
🔲	TM-167330	GET aChargeCodes/-999/aChargeDetails returns a 200 instead of 404
🔲	TM-167335	POST returns 200 as the successful response code instead of 201
🔲	TM-167346	Validation missing for required originDestination field in POST /clients /clientId/aChargeCodes
🔲	TM-167394	Fix openAPI doc for masterData API to correct the order in which enum values appear for PUT /clients/{clientId} /cubePolicies/{cubePolicyId}
🔲	TM-167398	PUT /client/clientId/cubePolicies /cubePolicyId/multiServiceLevels /multiServiceLevelId returning 405
🔲	TM-167399	Access violation when using DELETE /clients/clientId/detentions/detentionId
🔲	TM-167407	POST tariffClasses to a vendor returns an empty response body
🔲	TM-167444	Unable to set substitution code to be blank for client aChargeSubtitutes
🔲	TM-167479	PUT /clients with ratingMethodRules

	TM-167487	PUT clients status	
	TM-167494	TM4Web Order Entry Details popup warnings overlap	
	TM-167502	TM4Web Order entry configured Default Value is not displayed	
	TM-167541	GET vendors/:vendorId/aChargeCodes Schema validation fails	
	TM-167557	POST /orders/:orderId/dangerousGoods 400 incorrectly creating new record	
	TM-167592	invalidJsonValue being returned when a non string type value is in the request body for POST /clients/clientId /aChargeSubstitutes	
	TM-167594	POST tariffClasses to a client returns an empty response body	

TM-167595 — Ensure ART Obeys 'Status Change Date - Apply Time Zone' Setting When Creating Trips

Fixed an issue within ART where sending in a new Trip request would not respect the 'Status Change Date - Apply Time Zone' App Config (which will change the 'Date Changed' value to respect the GMT Offset value for a zone code).

This has been correct; the time zone will now correctly be applied when the App Config is set to True.

Application	22.4
ART.exe	22.4.128.1

	TM-167598	GET /trailers/trailerId returns invalidInteger error in masterData	
	TM-167599	PUT /vendors/vendorId/aChargeCodes /vendorAccChargeId returns missingRequiredField for optional field	
	TM-167600	POST vendors/vendorId/discounts with empty array returns 201 instead of invalidRequestFields response	
	TM-167612	Orders PUT request with Notes child resource hits the out-of-range DB error	
	TM-167613	Orders PUT request with movementType field in the Interliners child resource hits an string-truncation DB error.	
	TM-167649	Validation issues in POST /vendors /vendorId d83s and discounts	
	TM-167658	DB error when PUT orders/:orderId /interliners/:orderInterlinerId	

TM-167690 — TM4Web signature image from Customer Service POD does not display

Fixed an issue where POD signatures were not being displayed in TM4Web Bill Details.

Application	22.2	22.3	22.4
TM4Web	22.2.0.28	22.3.0.28	22.4.0.29

TM-167758 — Create FB from Quote - add validation

Fixed an issue where an expired quote or a quote with times used exceeded could be used to create an order using the Orders API.

Application	22.4
ART.exe	22.4.129.3

	TM-167829	Post Orders API not validating Bill-to account on Customer Profile when Bill-to = Other	Orders API - POST to /orders with an 'other' bill-to is now validating correctly.

Application	22.4
Cserv.exe	22.4.121.2
Art.exe	22.4.130.4

	TM-167885	REST API Incorrectly Updating Current Zone of Bill When Status Code Is Administrative	Fixed an issue via Rest API where attempting to apply an Administrative status against a Freight Bill or a Trip would result in the current zone of the bill being incorrectly updated. This was incorrect; when applying an Admin status, the current zone of the bill should not change.

This has been corrected; when the status is applied, the zone will no longer be adjusted (even if passed in via the API call).

Application	22.4
ART.exe	22.4.126.4

	TM-167960	PUT /aChargeCodes/aChargeCodeId /aChargeDetails/aChargeDetailId /multiVendors/multiVendorId returning a 405	

	TM-167971	tm/trips - TMS_TRIP view does not have all trips to query from	Fixed an issue where not all completed trips where being returned in the Trips API.

Application	22.4
ART.exe	22.4.128.0

SCHEMA:
167971_TMS_TRIP.SQL

	TM-168023	masterData 404 response	

	TM-168171	Default values are not getting set when using POST /orders or PUT /orders /orderId to create interliner records	

	TM-168232	The Trailer ID is not being populated in the Bill Linkage field when doing Ad Hoc freight bill movements via Connected Dock	Fixed an issue within the ConnectedDock application where when a Freight Bill was being directly crossdocked to a Loading Trip (unplanned), the Linkage field/Trip Tree View would not correctly associate the bill to the loading resource on the Trip.

This has been corrected, and will now correctly occur when the items are crossdocked onto the unplanned Trip.

Application	22.4
ART.exe	22.4.130.2

	TM-168769	ConnectedDock - No Restriction Workflow - All Bills Pass, Error Sound Plays	

	TM-164178	DEV-15: NON-BILL: Record any Intermediate/Delivery Terminals with Pallet Groups - Item Count Not Correct On PG Screen	

	TM-166209	Master Data - add count	

	TM-166594	ConnectedDock auth endpoint	

	TM-166656	onlyPostedResults query option - Trips API	

	TM-166672	Implemente onlyPostedResults query option - orders aCharges and orders osds	

↑	TM-166775	ConnectedDock - Adjust 'Auto update plan location on unload' To Cover Terminal Movements	Added new functionality in ConnectedDock to ensure that if the App Config 'Auto update plan location on unload' is set to True, then the Planned Location(s) of Freight Bill will be correctly planned, or overridden, when movements of items occur within the Terminal.

Added new functionality in ConnectedDock to ensure that if the App Config 'Auto update plan location on unload' is set to True, then the Planned Location(s) of Freight Bill will be correctly planned, or overridden, when movements of items occur within the Terminal.

If a customer is utilizing the "Advanced Terminal Planning" functionality, moving items to unplanned locations when on a Terminal will cause any other pre-existing plans to be overridden, and a new plan will be created in its place. If this App Config is set to False, then the functionality will behave as it did previously.

This will only affect ConnectedDock customers; those just using MMDisp for item movement /planning will not be affected by this adjustment.

Application	22.4
ART.exe	22.4.126.2

↑	TM-166855	Use TNullableBoolean from Nullable.pas to reduce TruckMate application size
↑	TM-167107	Phase 2: Adjust master data export triggers to account for vendor/client becoming inactive or vendor type not eligible
↑	TM-167239	Prevent TLDTL fields from being overwritten when using PUT orders/: orderId/details/:orderDetailId
↑	TM-167303	PUT /clients/clientId/tariffClasses /tariffClassId - Unable to update min /maxFBCube fields
↑	TM-167321	Validation missing for freeStopCount field in PUT aChargeCodes/aChargeCodeId

↑	TM-167340	Add $select parameter for POST and GET /clients/{clientId}/discounts	Add the $select parameter so the POST and GET discounts API can control what fields to be returned in the discounts child resources array.

Application	22.4
ART.exe	22.4.126.1

↑	TM-167385	Update cloudEvent types	Updated expected cloudEvent types to match current standard in the Orders API.

Application	22.4
ART.exe	22.4.125.7

↑	TM-167464	Update Customer Service to use tmsLoadId instead of loadId when making call to TTC	Updated the field name used to represent the order interliner ID value when Customer Service makes a connection to the TTC environment during the waterfall tendering process.

Application	22.4
CServ.exe	22.4.115.1

↑	TM-167477	Vendors API - add VENDOR.SCAC_ID	Added field scacNumber to Vendor API.

Application	22.4
ART.exe	22.4.126.0

SCHEMA:

167477_ADD_MD_VENDOR_SCAC_ID.SQL

↑	TM-167634	MasterData - InvalidDBValue
↑	TM-167644	MasterData - invalidBusinessLogic

| | TM-167782 | Add aChargeType field to order aCharges and order interliner aCharges (GET) | Display the aChargeType field in aCharges and interliners child resources of the Orders API response. This new field will be displayed in the responses of the GET, POST and PUT endpoints that involve aCharges and interliners. |

Application	22.4
art.exe	22.4.127.0

SCHEMA:

167782_ADD_ACC_TYPE_ORDER_ACHARGES.SQL

| | TM-167944 | CSERV - Waterfall tendering - Manual Extra Charges is checked by default | |

| | TM-167964 | Add $select parameter to all MasterData endpoints | Added support for the $select parameter for all masterData endpoints and related methods (POST/PUT/GET) |

Application	22.4
ART,exe	22.4.130.1

| | TM-167968 | Provide temporary fix to allow re-rate and manual IP acc charges appconfigs to be considered when inserting order interliner records | The manual rating and manual extra charges options when creating an interliner record through the API are now determined by the related Customer Service application configurator values. |

Application	22.4
ART.exe	22.4.126.6

| | TM-168414 | Add sunset header to Profiles API | |

| | TM-168523 | Replace Sunset Header with Deprecation | Updated date and time of Deprecation in TM4Web API response header |

Application	23.1	23.2
ART.exe	23.1.20.8	23.2.29.0

| | TM-168655 | Add chargesType (INTERLINE_PAYABLE DB field) to orders interliner section | |

| | TM-168744 | Add sunset header to FB Import REST API | |

Application	23.1	23.2
ART.exe	23.1.21.1	23.2.29.4

| | TM-168774 | ConnectedDock - Set 'Enforce Pallet Group Location Rules' Config to Hidden in TruckMate 23.1 | |

| | TM-164165 | DEV-02: Record any Intermediate /Delivery Terminals with Pallet Groups - New PG_SUM Table | |

| | TM-164167 | DEV-04: Record any Intermediate /Delivery Terminals with Pallet Groups - Primary Bill Number Functionality | |

| | TM-165676 | TCES: CLIENT master data export | Added support for client records in the Trimble Cloud Export Service. |

Application	22.4
MadServiceHost.exe	22.4.4.0
MadWinServiceHost.exe	22.4.20.0

SCHEMA:
165676_CLOUD_EXPORT_RES.SQL

	TM-165677	TCES: VENDOR master data export	Added support for vendor records in the Trimble Cloud Export Service.

Application	22.4
MadServiceHost.exe	22.4.4.0
MadWinServiceHost	22.4.20.0

	TM-165678	TCES: CMODTY master data export	Added support for commodity records in the Trimble Cloud Export Service.

Application	22.4
MadServiceHost.exe	22.4.4.0
MadWinServiceHost.exe	22.4.20.0

SCHEMA:
165678_RES_EXPORT_DELAY.SQL

	TM-165679	TCES: master data export triggers (waterfall tendering)	Added database triggers for the client, carrier and commodity exports for Waterfall tendering.

SCHEMA:
165679_CLOUD_EXPORT_TRIGGERS.SQL

	TM-166210	"clients" - Header - GET masterData/clients,~/:clientId	
	TM-166211	"clients" - Child "customDefs" - GET masterData/clients,~/:clientId/customDefs, ~/customDefId	
	TM-166212	"clients" - Child "contacts" - GET masterData/clients,~/:clientId/contacts,~/:contactId	
	TM-166213	"clients" - Header - POST masterData/clients - handle new fields	
	TM-166214	masterData - PUT /clients/:clientId - update new fields	
	TM-166227	"vendors" - Header - GET masterData/vendors,~/:vendorId	
	TM-166228	"vendors" - Child "customDefs" - GET masterData/vendors,~/:vendorId/customDefs,~/customDefId	
	TM-166229	"vendors" - Child "contacts" - GET masterData/vendors,~/:vendorId/contacts, ~/:contactId	
	TM-166238	"vendors" - Child "contacts" - POST masterData/vendors - add contacts	
	TM-166795	Merge TMWinCur_Art into TMWinCur	
	TM-166970	Orders API add TLORDER.AREA	
	TM-167016	DEV: Create centralized library routine for Dangerous Goods logic	
	TM-167021	DEV: Update Art.exe to use new Dangerous Goods library routine(s) PUT	
	TM-167022	DEV: Art.exe add validation of commodity /unNumber combination on POST	
	TM-166781	SUR - Add ability to browse folder when setting log path in ARTADMIN	
	TM-167309	Fix utils testInvalidMaxLengthResponse to account for scenarios where the value is in the URL	

108 issues