

TruckMate 2022.1 - Release Notes



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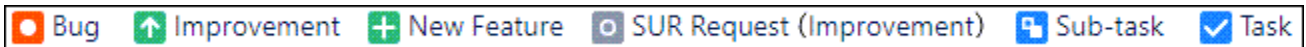
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A [TruckMate 2022.1 - New Features Guide](#) containing more detailed descriptions for the high profile and important changes is available on the Trimble Transportation Learning Center in the TruckMate online help > Release Notes > What's New section.

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.



(Note: The embedded hyperlinks in this list reference the internal JIRA issue tracking system used by Trimble TruckMate developers and support teams.)

Back Office

T	Key	Summary	Release Notes	Release Not
	TM-91469	Cheque.exe, 'Driver Deductions' tab, duplicate 'Admin Fee Deduction' and duplicate 'Tax deduction' records show up		
	TM-93863	Cserv.exe -Acc Chgs tab, navi bar and context menu item; Check List tab, navi bar		

TM-134896	Allows reposition legs when validating Carrier charges											
TM-151806	Add Default Tab setting for HR Recruiting											
TM-153983	InterModal tab in CServ - GUI fix	Cserv 22.1.27.5 - Adjusted all fields to show complete date & time in Vessel Schedule Info under InterModal tab.										
TM-156891	Invoice Print will hang when using a Custom Filter and Report Preview	Fixed the Invoice Print hang issue when using a Custom Filter and Report Preview.										
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.2</th> <th>21.3</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>Bill.exe</td> <td>21.2.3.9</td> <td>21.3.3.13</td> <td>21.4.3.17</td> </tr> </tbody> </table>	Application	21.2	21.3	21.4	Bill.exe	21.2.3.9	21.3.3.13	21.4.3.17		
Application	21.2	21.3	21.4									
Bill.exe	21.2.3.9	21.3.3.13	21.4.3.17									
TM-157359	Rates's Discount/Minimums tab filter may throw DB2 error											
TM-158385	Acc Charges - Substitute code seems to lock the value of "Auto-assign OverRidden"	Acc Charge: Adding Hint to Custom Code Only checkbox										
TM-159059	Scheduler Run DLL Service throws IBM CLI Error when opening its Properties window	Resolved some service setup UI issues with the Scheduler Run DLL Service										
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.1</th> <th>21.2</th> <th>21.3</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>MadServiceHost.exe</td> <td>21.1.3.0</td> <td>21.2.3.0</td> <td>21.3.5.0</td> <td>21.4.7.0</td> </tr> </tbody> </table> <p>SCHEMA: 159059_DATA_CONSISTENCY_FIX_FOR_SCHED_DLL_PROP_SETUP.SQL</p>	Application	21.1	21.2	21.3	21.4	MadServiceHost.exe	21.1.3.0	21.2.3.0	21.3.5.0	21.4.7.0
Application	21.1	21.2	21.3	21.4								
MadServiceHost.exe	21.1.3.0	21.2.3.0	21.3.5.0	21.4.7.0								
TM-159121	Bug in sp:UPDATE_VENDOR_AFTER that caused IP GL of X-Stop did not roll up to Parent	Cserv 22.1.11.0 - Removed extra calls forcing to recalculate I/P charges for any roll-ups from X-Stop after fixing a bug in primary routine of calculating IP - Accrual. Ipiipm 22.1.2.0 - Fixed a bug in primary routine of calculating IP - Accrual in which X-Stop charges are not rolled up to Parent's.										
TM-159204	ComData (FM00001) Card Import Format is missing key column for P.Unit Fuel Price #1											
TM-159538	3G re-rating is slow											
TM-159615	CardMgmt.exe - Add and Save a record, cursor does not stay on the record just added; Edit and Cancel, cursor jumps to another tab											
TM-159618	Driver Profiles: got a vague error message when adding new record in Customs Compliance											
TM-159663	Power Unit Profiles: Sorting - no descending only ascending for all columns											
TM-159674	CardMgmt.exe -COMDATA -users can edit and Save E-Check again to generate duplicate DD (or AP) records											
TM-159701	TripEnv - the box outlines are not showing completely											
TM-159891	BulkCodes.exe - Incorrect version number in BulkCodes											
TM-159900	Company.exe - Search button next to Main NAICS button has no effect											
TM-159901	Button is disabled in EnabledButtons property but still is enabled and AllowDelete											
TM-160187	Interline Payment is not created with Weight or Charges Cost Rule on a multi Leg Trip with a preceding Empty Leg	Fixed the issue that interline payment not created with Weight or Charges cost rule on a multi leg trip with a preceding empty Leg.										
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>Schema</td> <td>21.4.0.0</td> </tr> </tbody> </table>	Application	21.4	Schema	21.4.0.0						
Application	21.4											
Schema	21.4.0.0											

TM-160275 App Config: Dispatch -> Carrier Insurance Information Vendor is defaulted to RMIS

Dispatch - Add new option 'None' for config 'Carrier Insurance Information Vendor' and is defaulted to this new option.

Application	21.4
Dispatch	21.4.107.4

SCHEMA:

160275_CarrierInsurance.sql

TM-160361 TaxJuris.exe - Data tab, Error: Record not found or changed by another user

TM-160631 COST_DLID only populates for Cost rules 0 and 9 before the Rerate in Carrier Assignment

TM-160636 Magmedia requires filing of amended T4A

Added the Amend feature for TruckMate Payroll and Returns Generator electronic filing T4A

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3
MagMedia.exe	20.1.1.5.1	20.2.1.8.1	20.3.1.8.1	20.4.1.8.1	21.1.1.3.1	21.2.1.2.1	21.3.1.2.2
Drivers.exe	20.1.6.0	20.2.1.1.0	20.3.1.2.0	20.4.1.3.0	21.1.7.0	21.2.8.0	21.3.8.0
Profile.exe	20.1.9.0	20.2.1.0.0	20.3.1.9.0	20.4.2.8.0	21.1.5.0	21.2.1.2.0	21.3.1.4.0

SCHEMA

160636_CAN_T4A_AMEND.SQL

TM-160715 PROFILE.EXE - Client Track_vessel_schedule column

TM-160775 RES: 'Ultramar - Excel' ID (49) -Key Columns

TM-160788 Driver Card Invalid Unit ID error when the when the real-time update is sent

TM-160809 AR Cash Receipt can be Out of Balance due to Currency Conversion/Foreign Exchange

Fixed an issue where AR Cash Receipts can be out of balance due to currency conversion/foreign exchange.

This has been corrected.

Application	20.2	20.3	20.4	21.1	21.2	21.3
Arrce.exe	20.2.3.0	20.3.3.0	20.4.4.0	21.1.6.0	21.2.6.0	21.3.6.0

SCHEMA:

160809_ARRCE_FX_MC.SQL

TM-160831 Create Trip in XStop Popup is doubling up the ASSGN insert to ODRSTAT

TM-160839 Revert search changes for both Cserv and Trace made in TM-136538

Changes to the search in both Trace and Cserv. Going back to the way it worked before the changes so in Trace you can do a partial search only if the user enters wildcards in the search text, if no wildcards are entered then an exact search is done. In Cserv there is no partial search you can only do an exact search.

Application	21.1	21.2	21.3
Cserv.exe	21.1.67.5	21.2.86.3	21.3.102.1
Trace.exe	21.1.0.5	21.2.0.5	21.3.0.9

TM-160873 Not removing all cancelled child bills at next open of XStop Popup

TM-160895 CardImport -Totals form; error checking for invalid puni

TM-160905	Cube Policy Audit Log - set form with minimum size and allow Cancel button to adjust with form.													
TM-160938	CardImport.exe-'Import Type Definition' - 'Product Codes' tab - 'Codes' -two issues													
TM-160954	Client Rating tab is changed to Profile Rating and is greyed out when Rate-By Metric/Clients feature is turned on													
TM-160958	Cserv.exe - Customs tab, some EMan Defaults for ACE are not used when a new record is added	Cserv 22.1.8.1 - Fixed default values for some fields not loaded from Default & Settings in eManifest upon on creation of the ACE record (in Customs tab).												
TM-160960	Created By is False in the Check record instead of the Claim User ID													
TM-160965	Quick Bill Entry is not setting the Bill To based on the 3rd Party Billing of the Customer Profile	Fixed the issue where Quick Bill Entry not setting bill to based on the 3 party billing for the customer profile.												
<table border="1"> <thead> <tr> <th>Application</th> <th>20.3</th> <th>20.4</th> <th>21.1</th> <th>21.2</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>LTLBe.exe</td> <td>20.3.0.14</td> <td>20.4.0.16</td> <td>21.1.1.4</td> <td>21.2.1.4</td> <td>21.3.2.4</td> </tr> </tbody> </table>			Application	20.3	20.4	21.1	21.2	21.3	LTLBe.exe	20.3.0.14	20.4.0.16	21.1.1.4	21.2.1.4	21.3.2.4
Application	20.3	20.4	21.1	21.2	21.3									
LTLBe.exe	20.3.0.14	20.4.0.16	21.1.1.4	21.2.1.4	21.3.2.4									
TM-160972	ACI cargo-only manifest Trading Partner should be ACI (set to be CBSA) instead of ACE (set to be CBP)													
TM-160980	IP Audit - Adjust Trip/Manifest													
TM-160986	Payroll 2021 - MC115 Canadian Payroll Deductions - Effective January 1, 2022	Added support for the MC115 tax update. SCHEMA: 160986_PAYROLL_CAN_MC115.SQL												
TM-161041	Profile.exe -Customer - Rating -Extra Charges tab - 'Navigation bar' or 'context menu -> Navigate'													
TM-161074	Customer & Vendor Profiles throws an Access Violation error when it opens	Fixed an access violation error when Customer & Vendor Profiles opens.												
<table border="1"> <thead> <tr> <th>Application</th> <th>21.2</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>Profile.exe</td> <td>21.2.12.1</td> <td>21.3.14.1</td> </tr> </tbody> </table>			Application	21.2	21.3	Profile.exe	21.2.12.1	21.3.14.1						
Application	21.2	21.3												
Profile.exe	21.2.12.1	21.3.14.1												
TM-161076	HRRecruit.exe SQL error on delete application													
TM-161103	Severe performance issue when creating Manifests in eManifest	Fixed the performance issue when creating e-manifests by removing the condition of matching the Order's shipper/consignee country code the same as customs origin/destination country code respectfully.												
<table border="1"> <thead> <tr> <th>Application</th> <th>21.2</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>Eman.exe</td> <td>21.2.21.0</td> <td>21.3.26.0</td> </tr> </tbody> </table>			Application	21.2	21.3	Eman.exe	21.2.21.0	21.3.26.0						
Application	21.2	21.3												
Eman.exe	21.2.21.0	21.3.26.0												
SCHEMA:														
161103_EMAN_COPY_FB_FIX_PERFORMANCE.SQL														
TM-161107	eManifest error qUtil: Field NAME not found	Resolved a qUtil: Field NAME not found error when modifying Importer data in eManifest.												
<table border="1"> <thead> <tr> <th>Application</th> <th>21.2</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>eMan.exe</td> <td>21.2.22.0</td> <td>21.3.27.0</td> </tr> </tbody> </table>			Application	21.2	21.3	eMan.exe	21.2.22.0	21.3.27.0						
Application	21.2	21.3												
eMan.exe	21.2.22.0	21.3.27.0												
SCHEMA: 161107_FIX_PATCH_TO_REMOVE_ACI_POL_LOCATION_DATA.SQL														

TM-161109 Allow an invalid Power Unit ID in the Vehicle tab of eManifest

Made a fix on an issue where Users can no longer manually insert a Power Unit ID in a Manifest (Vehicle tab) that doesn't exist in the Power Unit Profiles.

In eManifest application, click menu 'Tools' -> 'Defaults', on Common tab, there is 'Codes Validation'. The 'Codes Validation setting' affects some GUI validation and also affects the Validation Result (showing on 'Validation Notes' tab about 'Codes Validation') when 'Validate' button in main screen is clicked.

After the fix, if 'Codes Validation setting' is 'None' or 'Warning', a non-existent or inactive Power Unit ID can be saved on Vehicle tab; if 'Codes Validation setting' is 'Fail', an inactive Power Unit ID can be saved on Vehicle tab, but a non-existent Power Unit ID still cannot be saved on Vehicle tab.

(On a Multi Company database, log in company1, if 'Codes Validation setting' is 'Fail', go to vehicle tab, an Active Power Unit ID that is only visible to Company2 still cannot be saved on Vehicle tab.)

A part of the fix is in a library and affects multiple applications.

Application	22.1
ApNi.exe	22.1.1.3
Bill.exe	22.1.1.4
Codes.exe	22.1.1.3
Dispatch.exe	22.1.23.5
Drivers.exe	22.1.0.12
EMan.exe	22.1.10.2
Kpi.exe	22.1.0.1
Messagecentre.exe	22.1.0.4
Profile.exe	22.1.4.1

TM-161144 In IP Audit reverse the Foreign Exchange on the accrual when Taxes are enabled

IP Audit - if carrier taxes are enabled, and accrual charges are in a foreign currency, ensure that the audited charges properly reverse the f/x from the accrual when creating the AP entries.

Application	21.3	21.4	22.1
lpiipm.exe	21.3.7.0	21.4.17.0	22.1.6.0

SCHEMA:
161144_CALC_IP_AUDIT_GL.SQL

TM-161146 In IP Audit when the Manifest Date is updated the functional amount needs to be updated

IP Audit - ensure that when the Manifest Date is updated the functional amount needs to be updated (to account for possible changes in foreign exchange).

Application	21.3	21.4	22.1
Cserv.exe	21.3.110.0	21.4.141.0	22.1.33.0
lpiipm.exe	21.3.6.0	21.4.16.0	22.1.4.0

SCHEMA:
161146_IP_FUNC_MANIFEST_DATE.SQL

TM-161155 Rates Maintenance Rates.exe Access Violation error on exit

TM-161166 Options 'Zero Weight IP' and 'Zero Charges IP' Not Consulted When Changing Cost Rule in Carrier Assignment form

Patch not a problem. Doug had a version of his database with a SP still in the schema that is no longer required. Had him drop the SP and everything migrated fine.

TM-161175 Payroll 2021 - CAN - T4A Wizard - Print button interaction with Crystal Report has an issue

Fixed the MagMedia T4A year-end print issues.

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3
MagMedia.exe	20.1.1 6.2	20.2.1 9.2	20.3.1 9.2	20.4.1 9.2	21.1.1 4.2	21.2.1 3.2	21.3.1 3.2

TM-161224 Original FB's Current Zone gets updated to a blank value when a Carrier is assigned the IC FB on an IC Trip

TM-161255 Other info box codes not validated on the Owner Ops(Set as Drivers) tab of T4A

T4A Other info box codes are now validated in the Owner Ops(Set as Drivers) tab as well.

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3
MagMedia.exe	20.1.1 6.1	20.2.1 9.1	20.3.1 9.1	20.4.1 9.1	21.1.1 4.1	21.2.1 3.1	21.3.1 3.1

TM-161258 Informational Boxes Truncating Vendor Information in Trip Envelope

TripEnv 22.1.0.2 - Expanded width of the text box to display Vendor Profile info and allows user to select and position a cursor in each of the fields.

TripEnv 22.1.0.3 - (Rework) Re-position Vendor Name within the address box under Purchase Order tab.

BugzID: [TM-161258](#)

TM-161259 Check Pay To Client allows save of an AP Bill record if the same Vendor ID exists for the Client ID

TM-161271 Access violation error when canceling a FB via status(CANCL) change

TM-161275 Default Load Offer method is not set when copy create a FB with the carrier.

TM-161301 Fixed Assets : failure to add record

TM-161340 Business number is required for both T4 and T4A

Added validation for Business number in MagMedia and Company applications which is a required field for T4 and T4A.

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
MagMedia.exe	20.1.16.3	20.2.19.4	20.3.19.4	20.4.19.3	21.1.14.3	21.2.13.3	21.3.13.4	21.4.14.3
Company.exe	20.1.0.3	20.2.0.3	20.3.0.3	20.4.0.3	21.1.0.2	21.2.0.6	21.3.0.9	21.4.0.12

TM-161345 Disallow edit of the Driver Deduction Driver Payable Account in the AP Invoice

TM-161383 Payroll and Returns Generator 1099 Wizard MagMedia button is disabled

Enabled the MagMedia button in the Payroll and Returns Generator 1099 Wizard.

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
MagMedia.exe	20.1.16.4	20.2.19.5	20.3.19.5	20.4.19.4	21.1.14.4	21.2.13.4	21.3.13.5	21.4.14.4

TM-161384 Claims.exe : unless display maximized, unable to add OSD

Claim 22.1.0.2 - Adjusted section height in OSD tab to show missing navigation buttons on default window size.
 Cserv 22.1.9.1 - Adjusted section height in OSD tab to show missing navigation buttons on default window size.
 Deman 22.1.0.1 - Adjusted section height in OSD tab to show missing navigation buttons on default window size.
 BugzID: [TM-161384](#)

TM-161393 App Config: 'Copy Ship Instrctns' is missing from schema

Corrected a missing App Config for CSERV - 'Copy Shipping Instructions Flags'

Freight bill copies can now be more easily defaulted to include shipping instructions if desired.

Application	21.1	21.2	21.3	21.4
CServ.exe	21.1.69.0	21.2.88.0	21.3.104.0	21.4.135.0

SCHEMA:

161393_COPY_SHIPPING_INSTRUCTION.SQL

- TM-161413 Custom code to Import data for the RM Stock Receipts is not working since upgrade to TM 21.2.11

Fixed the issue in Profile API that the custom code response message was overwritten.

Application	21.2	21.3	21.4
ART.exe	21.2.37.11	21.3.48.1	21.4.65.1

- TM-161416 CSERV is not respecting the config: Preview Report

Removed obsolete config, "Preview Report"

Application	21.2	21.3	21.4
CServ	21.2.89.0	21.3.105.0	21.4.136.0

SCHEMA:

161416_remove_config_Preview_Report.sql

- TM-161460 Cserv.exe -on I/P tab of Parent/main /original FB, Rollup IP records from split bills are not deleted automatically

- TM-161467 Codes.exe - click an item under menu 'View' -> 'E-Mail Setup', it goes to a wrong tab

- TM-161471 Customer Service error The Bill To Code is Empty

Fixed an error 'The Bill To Code is Empty' shows up in a specific scenario when posting a FB in Customer Service.

Application	20.3	20.4	21.1	21.2	21.3	21.4
CServ.exe	20.3.107.0	20.4.154.0	21.1.68.0	21.2.87.0	21.3.103.0	21.4.134.0

SCHEMA

161471_SAVE_TLORDER.SQL

- TM-161499 Do not leave Orphaned Trace Record behind

Cserv 22.1.17.1 - Fixed issue that dependent records exist without the parent FB which has been cancelled.
 CServ 22.1.17.4 - Cancel unposted data stored in the form to prevent inserting orphaned record(s) upon on cancellation of parent FB.

- TM-161507 Syschecker.exe : multiple reports fail to run

syschecker 22.1.0.1 - Added filter to only display System Checker related report (s) in Report Selection window.

- TM-161511 AR Cash Receipt that is Post Dated by a User cannot be edited by any other User and any Register cannot be posted to Gju

Fixed an issue preventing edit of Post-dated AR Cash Receipts by other users and any Register cannot be posted to Gju.

Application	20.4	21.1	21.2	21.3	21.4
Arrce.exe	20.4.4.1	21.1.6.1	21.2.6.1	21.3.6.1	21.4.6.1
Arrcu.exe	20.4.0.2	21.1.0.2	21.2.0.2	21.3.1.2	21.4.2.2

- TM-161514 OrderPrePro.exe - Area to enter text in Web Changed Mail tab is not consistent with other tabs

- TM-161516 OrderPrePro.exe - Dangerous Goods grid allows an empty row to be saved

- TM-161524 To launch the HRRRecruit.exe on 'Application' - 'Identification' tab

Fixed an issue where HR Recruiting application was not launched on 'Application' - 'Identification' tab when 'Default Tab' was set to be '(No preference)' in 'Tabs Setting -HR Recruiting' of Security Configuration application.

Application	21.4
HRRRecruit.exe	21.4.1.2

- TM-161526 Bill.exe - Field alignment issues on Invoice Print Service Options

- TM-161527 Bill.exe - Missing validation of field values on Invoice Print Service options window

- TM-161528 StorageBill.exe - Missing validation on fields in Storage Billing Service options window

TM-161536 Wrong BEvent ID returned for BE_DISP_ALLOW_CARRIER_ASSIGN_WHEN_SAFETY_LIMIT

TM-161538 Error Message Raised When Pick up By Same as Deliver By Date

TM-161560 Aratx.exe - need to disallow users to enter out of range numbers in threshold fields

TM-161562 Arra.exe - 'View Pending Transactions' has the same shortcut as 'Print Reports'

TM-161564 Arra.exe, ApNi.exe etc. - SQL0104N error when 'SQL Filter' with empty 'User SQL (WHERE)' is used

TM-161567 Error when importing rates - String data right truncation

TM-161568 Arra.exe - 'View/Classify Customers by Industry' - Error saving grid layout

TM-161581 Cserv.exe - Jump Back to Previous FB When Creating I/P on New Blank FB

TM-161591 Arrce.exe - GUI issue - long FB# cannot be fully displayed on 'Freight Bill Cash Entry' - 'GL' tab

TM-161592 Arrce.exe -Error: piMain: Page Iterator is active; Access Violation error

TM-161593 Arrce.exe -Data in sub tabs 'GL', 'GLSum' and 'Import FB' of 'Freight Bill Cash Entry' shows up when header section is empty

TM-161594 Arrce.exe - Error: 'Applied: Cannot perform this operation on a closed dataset.'

TM-161608 Magmedia W2 retrieval error - An unexpected token "EXISTS" was found following "AND CMP.PAY_CODE NOT"

W2 - correct error message that can occur during data retrieval if using the app config 'Group by SSN'

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
Magmedia.exe	20.1.16.7	20.2.19.8	20.3.19.8	20.4.19.7	21.1.14.7	21.2.13.7	21.3.13.8	21.4.14.6

TM-161612 Payroll and Returns Generator T4A some Recipients have invalid SIN/SSN numbers

T4A - Change SIN validation requirement if business number (account) provided

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
MagMedia.exe	20.1.16.6	20.2.19.7	20.3.19.7	20.4.19.6	21.1.14.6	21.2.13.6	21.3.13.7	21.4.14.7

TM-161657 3G - Find Carrier Near behaviour when carrier already assigned

TM-161683 Gje.exe - SQL0723N error when saving a big number in Credit

TM-161685 PPDAccounts.exe -PPD Account Register - Post, SQL0723N error with out of range data

TM-161688 Driver Pay Audit Print Driver Loan error Invalid database name Internal

Fixed an error 'Invalid database name Internal'when trying to print Driver Loan in Driver Pay Audit.

Application	21.2	21.3	21.4
PayAudit.exe	21.2.12.7	21.3.12.9	21.4.13.3

- **TM-161705** Payroll and Returns Generator T4A Amended column and Import from Excel
 T4A - Resolved issue when importing from .csv files, where sometimes the 'Amended' column was getting converted to uppercase, causing duplicate entries.

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
Magmedia.exe	20.1.16.9	20.2.19.10	20.3.19.10	20.4.19.9	21.1.14.9	21.2.13.9	21.3.13.10	21.4.14.9

- **TM-161707** PRConfig tax box labels - add spaces around dashes for better readability

- **TM-161710** Fright Board Interface library lib\fbf.pas needs to handle multiple FB selections
 Made changes to Customer Service and Dispatch applications to allow multiple FBs to be passed to the Freight Board Interface application

Application	21.4
Cserv.exe	21.4.141.2
Dispatch.exe	21.4.112.8

- **TM-161711** Cserv needs to modified so that when a filter selects multiple FB's that call to fbi.pas passes in DLID's of those selected
 Made changes to Customer Service application to allow multiple FB's to be selected from the Filter screen and passed to Freight Board Interface.

Application	21.4
Cserv.exe	21.4.141.3

- **TM-161715** TripEnv.exe - Error: Dataset not in edit or insert mode

- **TM-161717** CardImport.exe-'Import Type Definition' - 'Product Codes' tab - 'Codes' - SQL0407N error

- **TM-161723** Performance issue when saving Freight Bills
 Fixed a performance issue on IP GL balancing checks.

Application	21.3	21.4
Cserv.exe	21.3.108.0	21.4.139.0
IPAccrualReg.exe	21.3.2.0	21.4.3.0
lpiipr.exe	21.3.12.0	21.4.13.0

SCHEMA:
161723_IP_GL_BALANCE_PERF2.SQL

- **TM-161736** Codes.exe - 'E-Mail Setup' -Default tab'; 'Remember Current View'

- **TM-161751** Diary and Notes icons are missing from Safety & Compliance

- **TM-161758** Dates saved with end of day time and fractional seconds of .999999 causes Crystal to add 2 days when printed

- **TM-161766** XML files are not being created for TMW Imaging

- **TM-161776** LTL Mileage pay does not update the Driverpay status to FINISHED and can error when attempting a manual update

- **TM-161781** Bank Reconciliation Multi-Row selection using the Shift key does not update the Total
 Fixed an issue where Bank Reconciliation Multi-Row selection using the Shift key does not update the Total and record count.

Application	21.3	21.4
ChkRec.exe	21.3.0.5	21.4.0.6

- TM-161825 Direct Deposit export format NACHA for Huntington Bank Type HU changes

Fixed Huntington Bank format ('NACHA' - 'HU') to the latest specification.

Application	21.2	21.3	21.4
DirDep.exe	21.2.0.5	21.3.0.8	21.4.0.8

- TM-161831 Multi-Company DB CSERV.EXE config CheckList AutoApprvd is not validated for the Company when the Art Service User Completes the FB Check List

- TM-162003 Magmedia reports error The types of the parameter field and parameter field current values are not compatible

Fixed the Magmedia Year End reports error 'The types of the parameter field and parameter field current values are not compatible'

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
MagMedia.exe	20.1.16.10	20.2.19.11	20.3.19.11	20.4.19.10	21.1.14.10	21.2.13.10	21.3.13.11	21.4.14.10

- TM-162015 Instant Check with Foreign Exchange can be Out of Balance by .01 in the Expense record

- TM-162018 AP Invoice Register SQL Filter Setup button does not function

Fixed an issue in AP Invoice Register SQL Filter Setup button does not function.

Application	21.3	21.4
ApNr.exe	21.3.1.5	21.4.2.8

- TM-162027 AR Adjustment that results in a zero balance will update the FB Payment Date

- TM-162050 MMDisp - Trip notes' navbar cannot be edited despite having the necessary edit rights

- TM-162059 Deduction Codes flagged for Box 12 are being deducted from each other in the W2

Fixed an issue in Payroll where Deduction Codes flagged for Box 12 are being deducted from each other in the W2.

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
MagMedia.exe	20.1.17.0	20.2.20.0	20.3.20.0	20.4.20.0	21.1.15.0	21.2.14.0	21.3.14.0	21.4.15.0

SCHEMA
162059_GET_W2_BOX.SQL

- TM-162098 Profile.exe - Runtime error encountered when opening web services for vendors

- TM-162102 TripEnv.exe - 'Billing' - 'Status History' tab, navi bar for the middle grid on the left side does not show up sometimes

- TM-162105 eMan - Default -> Validation nav bar and Passenger ID nav bar have all buttons disable in edit mode

- TM-162106 Codes - Commodity Restriction's, Cmm class's, Commodity's nav bar have all buttons disable in edit mode

- TM-162107 EQRentals - 7 navbar have all buttons disable in edit mode

- TM-162109 Profiles - 3 ER navbar have all buttons disable in edit mode

- TM-162110 Drivers - Custom Compliance, mnDropDown navbar buttons disable in edit mode

- TM-162111 Fuel Tax Trip - Trip Detail's, Fuel's navbar buttons disable in edit mode

- TM-162112 CServ - Pool Edit navbar buttons disable in edit mode

TM-162116 PUnit - EQ Rental navbar buttons disable in edit mode

TM-162128 "Table is read only error" is shown when trying to flag the Manual GL checkbox in the CServ Ip Tab.

Fixed an error (Table is ready only) shown when trying to flag the Manual GL in the CServ IP GL Tab.

Application	21.4
CServ.exe	21.4.139.1

TM-162133 When Rate Sheet Import for a List Sheet Type fails the error message does not specify the problem

TM-162154 US Local Tax is incorrectly calculated as a positive amount on small Earnings amounts

Fixed a US local tax issue, so if the value is negative for small earnings then use zero instead.

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
PRRegister.exe	20.1.1 7.2	20.2.1 8.2	20.3.1 9.2	20.4.1 9.2	21.1. 4.2	21.2. 5.3	21.3. 5.4	21.4. 5.5

TM-162197 RM Time Clock only allows labour type codes that are of the 'LB' type

RMWO - In parts tab, not allow selecting from RM-CLASS of parttype 'LB'.
RMMechanic - Fixed filtering PARTCLASS against 'LB', should be PARTTYPE = 'LB'.

Application	21.1	21.2	21.3	21.4
RMWO.exe	21.1.0.1	21.2.0.5	21.3.0.11	21.4.0.13
RMMechanic.exe	21.1.0.1	21.2.0.1	21.3.0.1	21.4.0.1

TM-162238 CSERV - 'Select the Site for Bill Number Sequence' - 'Next Bill Number' column not long enough

TM-162241 EMan.exe -Defaults -Passengers tab - Empty Passenger ID can be saved; there is SQL0803N error message

TM-162275 Cserv.exe - Billing tab, question mark button near 'Balanced' is disabled

TM-162297 Order Preprocessor the DELIVER_BY_END calendar uses the PICK_UP_BY_END

Fixed the issue that shows PickupByEnd date in the date editpicker when user double-clicks the DeliverByEnd date, by showing the correct date in the edit pick window and applying the changes to the correct field in the DB.

Application	21.3	21.4
OrderPrePro.exe	21.3.10.3	21.4.11.4

TM-162299 Card Import - FTP setup not working

TM-162328 Pre-paid Account application needs to validate the Account Match To Vendor ID

TM-162339 CServ - FB Notes navbar buttons are disabled

TM-162340 Apni - Pay Bill navbar buttons are disabled

TM-162341 Bulkcodes - main, placard, provision, washtypes navbar buttons are disabled

TM-162344 DCall - Hours and Notes navbar are disabled

TM-162349 GLM - Account Type navbar is disabled

TM-162350 MagMedia - Wiz1099, WizT4A navbar's Post+Cancel buttons are disabled

TM-162351 MadServiceHost-Export - Child types navbar Edit, Post, Cancel buttons are disabled

TM-162359 Rates - adding new rate sheet to client or vendor gives SQL error

TM-162369 POSTING table record can become erroneously stuck for an AR Misc Cash Entry

Resolve issue where POSTING table entry can become erroneously stuck when changing tabs for an AR Misc Cash entry

Application	21.3	21.4
Arcc.exe	21.3.6.2	21.4.6.2

TM-162382 Profiles - TM4Web navbar's insert buttons is not enabled

TM-162390 Users are allowed to add/modify OSD/POD records on cancelled FBs

TM-162391 Users are allowed to add/modify Customs records on cancelled FBs

TM-162394 The Checklist's navbar and its grid's RMC Navigate menu items are out of synch. CLI error pops up when adding an item on (non) cancelled FBs.

TM-162397 The Dang, Goods' navbar and its grid's RMC Navigate menu items are out of synch when refresh navbar button is clicked

Fixed the navbar and grid's RMC Navigate menu items to be synced on Dang, Goods tab

Application	FIX VERSION
CServ.exe	22.2.33.6

TM-162399 The Trace's navbar and its grid's RMC Navigate menu items are out of synch when refresh navbar button is clicked

TM-162400 The Details' navbar and the grid's RMC Navigate menu items are out of synch when refresh navbar button is clicked

TM-162401 The I/P's navbar and the grid's RMC Navigate menu items are out of synch

TM-162408 Magmedia RL1 is populating Box O - Other Income Codes for all Employees

Magmedia RL1 OTHER_INC_A_CODE and OTHER_INC_B_CODE fields will only populate when legitimately required.

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
MagMedia.exe	20.1.17.2	20.2.20.2	20.3.20.2	20.4.20.2	21.1.15.2	21.2.14.2	21.3.14.2	21.4.15.2

TM-162465 Acc Charge Code Short Description is not populated in the IP Extra Charge Short Desc

TM-162546 RL1 Magnetic Media XML file rejection

Fixed an issue causing the RL1 Magmedia XML file rejection, element </Montants> is now placed before the Additional Information box <CaseRensComp>

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
MagMedia.exe	20.1.17.1	20.2.20.1	20.3.20.1	20.4.20.1	21.1.15.1	21.2.14.1	21.3.14.1	21.4.15.1

TM-162552 New column DRIVERPAY.STOP_NUMBER needs to be added to procedure DP_COPY_PAY

TM-162580 Trip Miles are overstated for LTL Mileage Driverpay

TM-162599 Cserv.exe -Billing tab - 'Balanced' field shows 'False' when 'This bill is balanced' sometimes

TM-115060 Card Management - Populate Vendor Userld on the login and Setup | Accounts tab should have access to password reset

↑	TM-121415	Direct Deposit Entities to not lose information like Fuel Card Express Codes					
↑	TM-124352	AR Inquiry / AR Cash Receipts - Replace older "Locate" field with newer "Find/Locate" functionality					
↑	TM-132552	Additional Worked Time Fields for Timeclock.exe					
↑	TM-132577	TCG LTL/Traffic Costing Info - Rename Export Type Description for MANIFEST.csv					
↑	TM-136614	AP Invoice - Change "tax included" checkboxes to button	wrap-up				
↑	TM-138845	Improve R&M import of VMRS codes to handle longer descriptions and obsolete codes.					
↑	TM-139985	Employee lookup - add company_info_id to grid					
↑	TM-152951	Container Depot Setup and Inventory Control - Cleanup					
↑	TM-156296	Driver Profiles - Pay / Renumeration tab - group icons better					
↑	TM-156299	Driver Profiles - Buttons vs Menu Items					
↑	TM-156373	Invoice Print - Various minor UI issues					
↑	TM-159694	Check Register - Provide summary at end of posting					
↑	TM-160830	Performance: SP_CHK_ACC_CODES_SQL_IS_VALID Dynamic SQL Should Reference base table					
+	TM-85535	Various issues in Invoice Print	<p>Made a number of improvements to the Invoice Print application:</p> <ol style="list-style-type: none"> 1) Changed the config option name 'Printed OK Prompt' to 'Unprinted - Prompt for FB Update'. 2) Changed the hint of option 'Reprints - Prompt for FB Update' to 'True - Show the Confirm prompt "OK to update bills as printed?" when Print Style is "Reprint", False - no prompt or update' and default value to True. 3) Changed the hint of option 'Reprint Freight Bill Insert System Status Code' to 'Insert System Status Code in Status History for Reprint'. 4) Add validation for "Update bill's status to (reprints)" check box. If the check box is checked but there is no valid status code provided in the edit pick field for reprint status code, an error message will be raised when clicking print button. <table border="1" data-bbox="706 1528 919 1619"> <thead> <tr> <th>Application</th> <th>22.2</th> </tr> </thead> <tbody> <tr> <td>BillLTL.exe</td> <td>22.2.1.0</td> </tr> </tbody> </table>	Application	22.2	BillLTL.exe	22.2.1.0
Application	22.2						
BillLTL.exe	22.2.1.0						
+	TM-129042	refactor CSERVE Bill Deletion					
+	TM-157898	DEV 18: (WEB) Associate Reason Codes To Status Codes - REST API Enhancements					
+	TM-160261	DEV: Pickup/Delivery Windows Modification					
+	TM-160800	Dev 1: Load Offer on Status Chg - Main					

+ TM-160801 Dev 2: Load Offer on Status Chg - Profile

+ TM-161082 DEV: Separate Power Unit for different GL for destination or Fleet

Added 'User-Defined Fields' tab to Fleet Maintenance program. Users can rename the 10 user fields in Application Configurator program.

Application	21.3
Fleet.exe	21.3.1.0

SCHEMA:
161082_FLEET.SQL

+ TM-161342 Payroll 2022 - US - 1099-MISC new Box 13 'FATCA Filing Requirement'

Added functionality for the US Payroll to support the addition of a new box, "FACTA Filing Requirement", on the 1099-Misc Form.

Application	21.1	21.2	21.3	21.4
MagMedia.exe	21.1.17.0	21.2.15.0	21.3.15.0	21.4.16.0

SCHEMA:
161342_YTD1099.SQL

+ TM-161360 DEV: Security Configuration Enhancements for Rate Sheets

+ TM-161396 Payroll 2021 - USA - Dev - State W2 Changes

W2 export file - Iowa BEN# no longer required in W2 export (set as 0's in position 40-47 on RV record)

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3	21.4
Magmedia.exe	20.1.16.5	20.2.19.6	20.3.19.6	20.4.19.5	21.1.14.5	21.2.13.5	21.3.13.6	21.4.14.5

+ TM-161485 DEV: Rating and Equipment Types

+ TM-161554 DEV: Override the tolerance limit to be \$ instead of %

+ TM-161796 DEV: Empty FB Status

A new config is added in IMCONFIG.EXE: 'Force New Empty FB Status To Site Status'
When the setting is 'True' the initial status of the empty FB will be set to whatever the codes.exe > Site tab > Availability Status field is set to.

Application	21.3	21.4
CServ.exe	21.3107.0	21.4.138.0

SCHEMA
161796_EmptyFBStatus.SQL

+ TM-161800 DEV: eMan Description Validation Conditions

Added commodity description in the error messages from the Commodity Description Validation against Unacceptable values/conditions.


















Application	22.1
EMan.exe	22.1.9.0

SCHEMA:
161800_EMAN_DESCRIPTION_VALIDATION_EXTENDED.SQL

+ TM-161802 DEV: Add custom stub to EMAN_VALIDATION

+ TM-161868 DEV: A A1 - GET masterData /aChargeCodes AND masterData /aChargeCodes/:aChargeCodeId

+ TM-161869 DEV: A B1 - GET masterData /aChargeCodes/:aChargeCodeId /aChargeDetails AND masterData /aChargeCodes/:aChargeCodeId /aChargeDetails/:aChargeDetailId

	TM-161870	DEV: A C1 - GET masterData/aChargeCodes/aChargeCodeId/restrictBillTypes AND masterData/aChargeCodes/aChargeCodeId/restrictBillTypes/restrictBillTypeId
	TM-161871	DEV: A D1 - GET masterData/aChargeCodes/aChargeCodeId/valuations AND masterData/aChargeCodes/aChargeCodeId/valuations/valuationChargeId
	TM-161908	DEV: C B1 - GET masterData/clients/clientId/aChargeCodes AND masterData/clients/clientId/aChargeCodes/aChargeCodeId
	TM-161909	DEV: C C1 - GET masterData/clients/clientId/aChargeSubstitutes/ AND masterData/clients/clientId/aChargeSubstitutes/originalAChargeId
	TM-161910	DEV: C D1 - GET masterData/clients/clientId/cubePolicies AND masterData/clients/clientId/cubePolicies/cubePolicyId
	TM-161911	DEV: C E1 - GET masterData/clients/clientId/cubePolicies/cubePolicyId/multiServiceLevels AND masterData/clients/clientId/cubePolicies/cubePolicyId/multiServiceLevels/multiServiceLevelId
	TM-161912	DEV: C F1 - GET masterData/clients/clientId/detentions AND masterData/clients/clientId/detentions/detentionId
	TM-161913	DEV: C G1 - GET masterData/clients/clientId/discounts AND masterData/clients/clientId/discounts/discountId
	TM-161914	DEV: C H1 - GET masterData/clients/clientId/rateSheetLinks AND masterData/clients/clientId/rateSheetLinks/rateSheetId
	TM-161915	DEV: C I1 - GET masterData/clients/clientId/tariffClasses AND masterData/clients/clientId/tariffClasses/tariffClassId
	TM-161916	DEV: C J1 - GET masterData/clients/clientId/tariffClasses/tariffClassId/multiServiceLevels AND masterData/clients/clientId/tariffClasses/tariffClassId/multiServiceLevels/multiServiceLevelId
	TM-161951	DEV: V B1 - GET masterData/vendors/vendorId/aChargeCodes AND masterData/vendors/vendorId/aChargeCodes/aChargeCodeId
	TM-161952	DEV: V C1 - GET masterData/vendors/vendorId/aChargeSplits AND masterData/vendors/vendorId/aChargeSplits/aChargeSplitId
	TM-161953	DEV: V D1 - GET masterData/vendors/vendorId/d83s AND masterData/vendors/vendorId/d83s/d83Id
	TM-161954	DEV: V E1 - GET masterData/vendors/vendorId/discounts AND masterData/vendors/vendorId/discounts/discountId
	TM-161955	DEV: V F1 - GET masterData/vendors/vendorId/rateSheetLinks AND GET masterData/vendors/vendorId/rateSheetLinks/rateSheetId
	TM-161956	DEV: V G1 - GET masterData/vendors/vendorId/tariffClasses AND masterData/vendors/vendorId/tariffClasses/tariffClassId

+ TM-161981 DEV: HAZMAT Contact Details

+ TM-161992 DEV: Custom quote expiry date

Added a new config option, 'Default Quote Days,' to replace the config option 'Default Quote Period' for quote default expiry days.

Application	21.3	21.4
CServ.exe	21.3.106.0	21.4.137.0

SCHEMA:

161992_DEFAULT_QUOTE_DAYS.SQL

+ TM-162064 DEV: GreatPlains Export - AP - add custom stub, BR - modify bypass

o TM-133560 SUR - Client and Vendor Check List items grids add Allow Repeats and User Fields 1 through to 10 columns

Adding CheckList User1 to User10 to CRM grid

o TM-158925 SUR - GL Journal Entries Reverse Journal Entry can be used repeatedly for a Batch without any confirmation or warning popup

o TM-160300 SUR: Add DD_Prefix to Cardimport_options table

o TM-160487 Retain the contact type setting in CSERV as the default setting on application load

o TM-161070 SUR - Enhance the search capability in Cserv to support partial searches

Add support for partial searches in 'Find Freight Bill' when user enters wildcards, implemented for all Search By types.

Application	22.1
Cerv.exe	22.1.35.2

o TM-161469 SUR - MMDisp.exe and CityDisp.exe-'Short Form Pickup Entry' form, 'Continue in Customer Service' when Shipper is empty

o TM-162072 SUR: Add some additional columns to Ratesheet search lookup

o TM-162073 SUR: Rates - label changes regarding the word 'Allow', fix control alignment

✓ TM-155199 Payroll 2021 - CAN - Dev - T4A Changes

Canadian Year End - Updated T4A handling for the 'Other' boxes to allow entry of more codes such as Code 201 (Repayment of COVID-19 financial assistance)

Application	20.1	20.2	20.3	20.4	21.1	21.2	21.3
MagMedia.exe	20.1.1 6.0	20.2.1 9.0	20.3.1 9.0	20.4.1 9.0	21.1.1 4.0	21.2.1 3.0	21.3.1 3.0

SCHEMA:

155199_T4A_OTHER_BOX.SQL

Additional Notes:

In the grids you can manually fill out the 'Other' boxes with one of these codes, and it will add the appropriate XML tag for the CRA

Here is the full list Codes and their mappings as comes from:
<https://www.canada.ca/en/revenue-agency/services/tax/individuals/topics/about-your-tax-return/tax-return/completing-a-tax-return/tax-slips/understand-your-tax-slips/t4-slips/t4a-slip.html#toc1>

028 - <oth_incamt> - Other Income
 030 - <ptrng_alloc_amt> - Patronage allocations
 032 - <rpp_past_srvc_amt> - Registered pension plan contributions (past service)
 034 - <padj_amt> - Pension adjustment
 037 - <alda_amt> - Advanced life deferred annuity purchase
 040 - <resp_aip_amt> - RESP accumulated income payments
 042 - <resp_educt_ast_amt> - RESP educational assistance payments
 046 - <chrtly_dons_amt> - Charitable donations
 102 - <nr_lsp_trnsf_amt> - Lump-sum payments - non-resident services transferred under paragraph 60(j)
 104 - <rsch_grnt_amt> - Research grants
 105 - <brsy_amt> - Scholarships, fellowships, or bursaries
 106 - <dtb_ben_amt> - Death benefits
 107 - <wag_ls_incamt> - Income from wage loss replacement plans, not fully funded by employee premiums
 108 - <lsp_rpp_nelg_amt> - Lump-sum payments out of an RPP - not eligible for transfer
 109 - <nrgst_ppln_amt> - Unregistered pension plan
 110 - <pr_71_acr_lsp_amt> - Lump-sum payments accrued to December 31, 1971
 111 - <inc_avg_annty_amt> - IAAC annuities
 115 - <dpsp_ins_pay_amt> - Installment or annuity payments under a DPSP
 116 - <med_trvl_amt> - Medical travel
 117 - <med_trvl_amt> - Loan benefit under subsection 80.4(2)
 118 - <med_prem_ben_amt> - Medical premium benefit
 119 - <grp_trm_life_amt> - Group term life insurance benefit
 122 - <resp_aip_oth_amt> - RESP accumulated income payments to other
 123 - <ins_rvk_dpsp_amt> - Instalment or annuity payments under a revoked DPSP
 124 - <brd_wrk_site_amt> - Board and lodging at special work sites
 125 - <dsblt_ben_amt> - Disability benefits
 126 - <cntrbr_prr_pspp_cnamt> - Contributor RPP Past Service pre-1990 contributions
 127 - <vtrn_ben_amt> - Veterans benefit
 128 - <vtrn_ben_pens_splt_elg_amt> - Veterans benefits eligible for pension splitting
 129 - <tx_dfr_ptrng_dvamt> - Tax deferred patronage dividends
 130 - <atp_inctv_grnt_amt> - Apprenticeship Incentive Grant/Apprenticeship Incentive Grant for Women/Apprenticeship Completion Grant
 131 - <rdsp_amt> - Registered Disability Savings Plan
 132 - <wag_ptct_pgm_amt> - Wage Earner Protection Program
 133 - <var_pens_ben_amt> - Variable Pension Benefits
 134 - <tfsa_tax_amt> - TFSA taxable amount
 135 - <rcpnt_pay_prem_phsp_amt> - Recipient-paid premiums for private health services plans
 136 - <pmmc_isg_amt> - Parents of Murdered or Missing Children/Parents of Young Victims of Crimes (PYVC)
 144 - <indn_oth_incamt> - Status Indian (exempt income) - other income
 146 - <indn_xmpt_pens_amt> - Status Indian (exempt income) - pension or superannuation
 148 - <indn_xmpt_lsp_amt> - Status Indian (exempt income) - lump-sum payments
 150 - <lbr_adj_ben_aprpt_act_amt> - Labour Adjustment Benefits Act and Appropriation Act
 152 - <subp_qlf_amt> - SUBP qualified under the Income Tax Act
 154 - <csh_awrd_pze_payr_amt> - Cash award or prize from payer
 156 - <bkcyl_sttl_amt> - Bankruptcy settlement
 158 - <lsp_nelg_trnsf_amt> - Lump-sum payments - not eligible for transfer
 162 - <cntrbr_prr_pspp_cnamt> - Non Contributor RPP Past Service pre-1990 contributions
 180 - <lsp_dpsp_nelg_amt> - Lump-sum payments out of a DPSP - not eligible for transfer
 190 - <lsp_nrgst_pens_amt> - Lump-sum payments - unregistered pension benefits
 194 - <prpp_tx_inc_pamt> - PRPP payments from taxable income
 195 - <prpp_txmpt_inc_pamt> - PRPP payments from exempt income
 196 - <abe_tuit_ast_amt> - Adult basic education tuition assistance
 200 - <prov_trty_emrg_ben_amt> - Provincial/Territorial COVID-19 financial assistance payments
 201 - <repmt_covid_fncl_asstnc> - Repayment of COVID-19 financial assistance
 205 - <oas_lump_sum_pamt> - One-time payment for older seniors
 210 - <pst_dctrl_fshp_amt> - Postdoctoral fellowship income amount

Operations

T	Key	Summary	Release Notes												
	TM-134323	Data Purge Utility Missing Tables													
	TM-134896	Allows reposition legs when validating Carrier charges													
	TM-138790	Error In Security Patcher Log When UserName Contains "."													
	TM-153677	Save Grid Layout As on a Linked grid profile will save it under the original User ID													
	TM-158559	Connected Dock is allowing loading un-manifested FBs													
	TM-158563	WatchDawg.exe - Record Not Found Error on Delivery Confirmation Screen													
	TM-159525	CIQ: Log Status to History Only Has Confusing History Comment													
	TM-159538	3G re-rating is slow													
	TM-159581	BUG-15: Merge/Switch Resources Overhaul - Extra Stop Bills Not Appearing in Trip Operation Planning Merge Column													
	TM-159598	Disallow save of a duplicate Company Name in Company Profiles	Prevent duplicate company names being created.												
	TM-159734	Dispatch.exe - Attempting To Open Attached/Related Files Results in Error													
	TM-159807	Load Optimizer Route Template Issue													
	TM-160193	OmniTracs Workflow List download error String data right truncation	<p>This case fixed the issue that Omnitracs Workflows downloading got version string data right truncation error.</p> <table border="1"> <thead> <tr> <th>Application</th> <th>20.4</th> <th>21.1</th> <th>21.2</th> <th>21.3</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>MadServiceHost.exe</td> <td>20.4.6.4</td> <td>21.1.2.5</td> <td>21.2.2.9</td> <td>21.3.4.1</td> <td>21.4.6.4</td> </tr> </tbody> </table>	Application	20.4	21.1	21.2	21.3	21.4	MadServiceHost.exe	20.4.6.4	21.1.2.5	21.2.2.9	21.3.4.1	21.4.6.4
Application	20.4	21.1	21.2	21.3	21.4										
MadServiceHost.exe	20.4.6.4	21.1.2.5	21.2.2.9	21.3.4.1	21.4.6.4										
	TM-160302	Splitting Trips When Parking At Door Not Functioning Correctly In Certain Circumstances													
	TM-160444	Bill Count value is not correct when selecting multiple bills	<p>Fixed an issue in Dispatch where the Summary grid was not displaying the correct 'Selection' count when users would manually select individual bills in an unspecified order.</p> <p>This has now been corrected.</p> <table border="1"> <thead> <tr> <th>Application</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>Dispatch.exe</td> <td>21.3.91.2</td> </tr> </tbody> </table>	Application	21.3	Dispatch.exe	21.3.91.2								
Application	21.3														
Dispatch.exe	21.3.91.2														

TM-160505 D2Link - Docking Multiple Freight Bills

This case improved D2link stop profile by adding a new check box "Show Bills at Waypoint and Terminal stops". When it's enabled, FBs would be able to display in the waypoint/terminal stops

Application	21.3
Dispatch.exe	21.3.92.0
MMDisp.exe	21.3.109.0
MobCommSvc.exe	21.3.20.0
Profile.exe	21.3.15.0

SCHEMA: 160505_STOP_PROFILE_D2LINK.SQL

TM-160662 Performx data download has 0 for fl1 and fl2

This case fixed the issue of downloading 0 for fl1 and fl2 when vin is not populated. When this happens the data from fl1 and fl2 are ignored.

Application	20.4	21.1	21.2	21.3	21.4
MadWinServiceHost.exe	20.4.47.0	21.1.11.0	21.2.16.0	21.3.27.0	21.4.41.0

SCHEMA: 160662_UPDATE_PPLNET_FUEL_LEVEL.SQL

TM-160722 When config Use Set Direct is True the Pickups are created with the incorrect Stop Type

Fixed an issue where having the 'CITYDISP.EXE > Use Set Direct' option as 'True' would result in "I" records being created on Trips instead of the expected "D" records (thereby preventing the delivery from occurring successfully). This has been corrected; when this Config is set to True, "D" records will automatically be created on P&D moves when a pickup bill is matched to the Trip.

Application	21.2	21.3	21.4
MMDisp.exe	21.2.70.1	21.3.111.2	21.4.132.0

SCHEMA:

160722_CITYD_SET_DIRECT.SQL

TM-160729 DECFLOAT error in MMDisp when creating a "TERMINAL" Trip on the PLANNED tab

TM-160808 P2: Coding + System Testing + QA----Items Not Unloading Correctly For Split Trip When LCV Movement Split At Door

Fixed an issue in Multi-Mode Dispatch where parking a multi-Trailer Trip at a Door (and having the system subsequently split the Trip when parking these at the Door) would lead to issues attempting to unload items from the resources in question.

This has now been corrected; items will be able to be unloaded without issue.

Application	21.3
MMDisp.exe	21.3.108.0

SCHEMA:

160808_ILT_SET_TRIPLOC.SQL

TM-160839 Revert search changes for both Cserv and Trace made in TM-136538

Changes to the search in both Trace and Cserv. Going back to the way it worked before the changes so in Trace you can do a partial search only if the user enters wildcards in the search text, if no wildcards are entered then an exact search is done. In Cserv there is no partial search you can only do an exact search.

Application	21.1	21.2	21.3
Cserv.exe	21.1.67.5	21.2.86.3	21.3.102.1
Trace.exe	21.1.0.5	21.2.0.5	21.3.0.9

TM-161044 D2link - Wrong container # displayed in the forward schedule form for a FB

This case fixed the bug that container # - FB were not displayed correctly in pair.

Application	21.3
Dispatch.exe	21.3.91.1
MMDisp.exe	21.3.107.1
MobCommSvc.exe	21.3.19.1

TM-161057 Add Additional Rule To DOCK Freight Bill(s) When Spotting At Destination - Part II

Fixed an issue where certain Additional Rules for 'Spotted' statuses were not applying correctly when the 'Complete Trip if Spotting at Dest' and 'Complete Trip if Spotting at Dest Terminal' rules were set to False.

This has now been corrected; Freight Bills will be set accordingly when spotted statuses are applied at the end of the Trip, and these rules are set to False.

Application	21.3
Dispatch.exe	21.3.92.2
MMDisp.exe	21.3.109.3
MobCommSvc.exe	21.3.20.1

TM-161061 PPLNET_ELOG_EVENTS Packet ID can get stuck polling the same data repeatedly

This case fixed the issue that PPLNET_ELOG_EVENTS Packet ID got stuck with polling the same data repeatedly.

Application	21.1	21.2	21.3
MadWinServiceHost.exe	21.1.10.1	21.2.15.1	21.3.26.2

TM-161072 TruckMate API - FB picks at a waypoint are not being returned when calling GetStopActions

This case enable TruckMate API to show FB # for waypoint stop.

Application	21.3	21.4
Dispatch.exe	21.3.93.0	21.4.110.0
MMDisp.exe	21.3.111.0	21.4.133.0
Profile.exe	21.3.16.0	21.4.21.0
TMServer.dll	21.3.9.0	21.4.9.0

SCHEMA: 161072_STOP_PROFILE_GENERIC.SQL

TM-161109 Allow an invalid Power Unit ID in the Vehicle tab of eManifest

Made a fix on an issue where Users can no longer manually insert a Power Unit ID in a Manifest (Vehicle tab) that doesn't exist in the Power Unit Profiles.

In eManifest application, click menu 'Tools' -> 'Defaults', on Common tab, there is 'Codes Validation'. The 'Codes Validation setting' affects some GUI validation and also affects the Validation Result (showing on 'Validation Notes' tab about 'Codes Validation') when 'Validate' button in main screen is clicked.

After the fix, if 'Codes Validation setting' is 'None' or 'Warning', a non-existent or inactive Power Unit ID can be saved on Vehicle tab; if 'Codes Validation setting' is 'Fail', an inactive Power Unit ID can be saved on Vehicle tab, but a non-existent Power Unit ID still cannot be saved on Vehicle tab.

(On a Multi Company database, log in company1, if 'Codes Validation setting' is 'Fail', go to vehicle tab, an Active Power Unit ID that is only visible to Company2 still cannot be saved on Vehicle tab.)

A part of the fix is in a library and affects multiple applications.

Application	22.1
ApNi.exe	22.1.1.3
Bill.exe	22.1.1.4
Codes.exe	22.1.1.3
Dispatch.exe	22.1.23.5
Drivers.exe	22.1.0.12
EMan.exe	22.1.10.2
Kpi.exe	22.1.0.1
Messagecentre.exe	22.1.0.4
Profile.exe	22.1.4.1

TM-161120 SQLExec.exe - GUI issue

TM-161137 Ensure Terminal Plan Reset When Shipper Changed on Freight Bill

TM-161155 Rates Maintenance Rates.exe Access Violation error on exit

TM-161157 Freight Bill Not Added To Stop - CServ/MMDisp Workflow

Fixed an issue where copying a Freight Bill currently picked up on a Trip with the 'Copy Pickup Information' option checked would not correctly show the Freight Bill on the stop list on the Trip. This has now been corrected.

Application	21.4
CServ.exe	21.4.134.1

TM-161203 Comm Manager Service ThermoKing memory leak

This case resolved Tracking memory leak issue.

Application	21.1	21.2	21.3
MobCommSvc.exe	21.1.10.2	21.2.14.4	21.3.20.1

TM-161237 CD Not Respecting All 'Arrive at Dock' Behaviors

Fixed an issue where ConnectedDock would only respect the first default 'Arrive at Dock' status in the system as an applicable status to allow Dock Workers to begin unloading loads at Doors.

This has been modified - the system will now respect all 'Arrive at Dock' statuses when Trips are parked at Doors.

Application	21.3
ConnectedDock.exe	21.3.11.7

TM-161238 TruckMate Allows More Than One 'Default For Category' Per Status Behavior

TM-161248 Removing Bill From Spotted Trip Results in Locked Up Movement

Fixed an issue where unmatching a later Freight Bill in a Trip after spotting the movement could cause the Trip to become locked up with an invalid active leg (meaning Dispatchers would be unable to adjust the status of said Trip).

This has now been corrected.

Application	21.3
Dispatch.exe	21.3.92.3
MMDisp.exe	21.3.109.4

TM-161256 Update RES_CHANGE_CAPTURE to use GV_SHARED_USER

Adjusted the stored procedure that inserts audit records for the Trimble Cloud Export service to use the global user variable.

SCHEMA: 161256_RES_CHANGE_CAPTURE_GV_SHARED_USER.SQL

TM-161290 Cannot edit existing fleets

TM-161309 Add other mobile comm tables to the delete trip procedure

TM-161325 Error "ERR:IR:Database name missing" in Codes Maintenance when clicking on the POSITION button, using Rand McNally Intelliroute

TM-161331 'Terminal Mode is not valid' Error When Moving Terminal Mode Column in Terminal Maintenance

TM-161333 SP INSERT_CONFIG Might Not Update Some Columns If NULL

TM-161334 Freight Bills Spotted Mid-Trip Not Being Correctly Docked

Fixed an issue in Dispatch and Multi-Mode Dispatch where attempting to apply a spotted status at a stop in the middle of the Trip would not update Freight Bills correctly which were set to drop off of the Trip at that particular stop.

This has now been corrected; the Freight Bills will obey the additional rules of the spotted status used to determine what status they should end up in after the status is processed.

Application	21.3
Dispatch.exe	21.3.92.2
MMDisp.exe	21.3.109.2

TM-161374 TruckMate API .NET client upgrade and small fixes

TM-161387 Access Violation when MMDisp opens and slowness when focus is moved to the Cross Dock tab

TM-161401 ConnectedDock - Load Manifested Freight Prompt Not Appearing When Scanning

Fixed an issue where the 'Load Unmanifested Freight' prompt inside ConnectedDock would not correctly occur if the Dock Worker was set up as a Supervisor without that prompt enabled; the system assumed the Supervisor contained the right and bypassed the prompt. This has now been corrected.

Application	21.4
ConnectedDock.exe	21.4.11.28

TM-161404 fix stored procs with incorrect specific names or are outstanding SCR_Fix procs

TM-161415 Expert Fuel: OK252 is not a valid integer value (where OK252 is any alpha numeric fuel location id)

This case fixed the issue with OK252 so alpha-numeric values can be processed in Expert Fuel calculation.

Application	21.2	21.3	21.4
MadWinServiceHost.exe	21.2.16.1	21.3.27.1	21.4.41.1
MobCommSvc.exe	21.2.14.5	21.3.20.2	21.4.20.2

TM-161442 204 code (DELETE method) is being returned as a successful status and error code in Import service reply

Fixed the response format returned by the Import Service when the processed message results in a 204 status code response from the related ART instance.

Application	21.4
TTCImportService.exe	21.4.2.10

TM-161498 Windows Event viewer application errors reported for internal errors in the Import Service

TM-161532 OrderPrePro report: DETAIL_LINE_ID not added to formula when parameter missing

Fixed an issue where the Order PreProcessor application was no longer passing a DETAIL_LINE_ID parameter into reports, causing reports such as Invoice1_OPP.rpt to attempt to create a report for ALL PTLORDER records, rather than the one selected.

This has been corrected.

Application	21.3	21.4
OrderPrePro.exe	21.3.10.2	21.4.11.3

TM-161543 The background colour for the labels in Message Centre has been changed to a transparent colour

TM-161579 MMDisp - Expert Fuel Optimization calculation feature is broken

This case fixed the bug so Expert Fuel Optimization is calculated successfully.

Application	21.3	21.4
Dispatch.exe	21.3.93.1	21.4.110.1
MMDisp.exe	21.3.111.1	21.4.133.1
















TM-161584 D2LINK is not sending container information for an empty bill

TM-161665 PUT /trips/:tripNumber/status remove reason field

Removed the reason field to trip based status change requests (PUT /trips/:tripNumber/status)

Application	21.4
ART.exe	21.4.66.1

	TM-161666	SQLExec Message "The process cannot access the file because it is being used by another process" comes up when opening multiple instances	Fixed an issue within SQL Execute where an error would be received if multiple SQL Execute applications were opened at once due to the logic where the system takes a snapshot of the working environment and saves it into an xml document. This has been corrected - multiple xml files will be created for different databases, and the error will be suppressed for multi-company scenarios.										
			<table border="1"> <thead> <tr> <th>Application</th> <th>21.3</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>SQLExec.exe</td> <td>21.3.4.11</td> <td>21.4.1.17</td> </tr> </tbody> </table>	Application	21.3	21.4	SQLExec.exe	21.3.4.11	21.4.1.17				
Application	21.3	21.4											
SQLExec.exe	21.3.4.11	21.4.1.17											
	TM-161672	RptConverter must skip over IsLinked parameters when setting values	Steve's report runs without error										
	TM-161753	'System.ArgumentOutOfRangeException: Number must be either non-negative and less than or equal to Int32.MaxValue or -1' error encountered in Import Service	Introduced a one second delay before obtaining a new SAS token to address a timing error.										
			<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>TTCImportService.exe</td> <td>21.4.2.11</td> </tr> </tbody> </table>	Application	21.4	TTCImportService.exe	21.4.2.11						
Application	21.4												
TTCImportService.exe	21.4.2.11												
	TM-161804	(Standard) - Order Updates that result in an order being marked as inactive are not getting exported by Export Service	SCHEMA: 161804_TTC_EXPORT_ORDER_TRACKING_WORKFLOW.SQL										
	TM-162042	OrbComm: Invalid LastMsgID -29915300567											
	TM-162047	TrackKing: long vehicle name generating a db2 string right data truncation error	The case fixed the issue of db2 string right data truncation. When vehicle name is longer than 20 characters, the update would be ignored.										
			<table border="1"> <thead> <tr> <th>Application</th> <th>21.1</th> <th>21.2</th> <th>21.3</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>MobCommSvc.exe</td> <td>21.1.10.3</td> <td>21.2.15.1</td> <td>21.3.20.3</td> <td>21.4.20.3</td> </tr> </tbody> </table>	Application	21.1	21.2	21.3	21.4	MobCommSvc.exe	21.1.10.3	21.2.15.1	21.3.20.3	21.4.20.3
Application	21.1	21.2	21.3	21.4									
MobCommSvc.exe	21.1.10.3	21.2.15.1	21.3.20.3	21.4.20.3									
	TM-162096	TTCImportClient application is no longer populating activity/logging information in the main window											
	TM-162131	Azure messages fail to process correctly when Azure SAS token expires											
	TM-162156	Parsing exceptions encountered in the Import Service when the message body contains array object											
	TM-162186	Report Select dialog's company list should exclude inactive companies	The inactive companies are excluded from company dropdown list in Report Selection window.										
			<table border="1"> <thead> <tr> <th>Application</th> <th>21.2</th> <th>21.3</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>CrRun.exe</td> <td>21.2.0.7</td> <td>21.3.0.8</td> <td>21.4.0.8</td> </tr> </tbody> </table>	Application	21.2	21.3	21.4	CrRun.exe	21.2.0.7	21.3.0.8	21.4.0.8		
Application	21.2	21.3	21.4										
CrRun.exe	21.2.0.7	21.3.0.8	21.4.0.8										
	TM-162217	P6 - Azure Service Bus - dueTime Error											
	TM-162250	Do not validate stop profile on disabled stops											
	TM-162310	No longer need to call Synchronize method in the Mobile Comm threads on startup											
	TM-162311	Add extra debugging information to MobCommSvc.exe											
	TM-162388	Update 22.1 branding											
	TM-162405	PeopleNet Linear macro is not applying status updates to Trips											
	TM-162419	AppianWS throw access violation for Trips import	Fixed the access violatio error when did One Way trip export to TruckMate.										
			<table border="1"> <thead> <tr> <th>Application</th> <th>21.3</th> <th>21.4</th> <th>22.1</th> </tr> </thead> <tbody> <tr> <td>AppianWS.exe</td> <td>21.3.0.3</td> <td>21.4.0.3</td> <td>22.1.0.1</td> </tr> </tbody> </table>	Application	21.3	21.4	22.1	AppianWS.exe	21.3.0.3	21.4.0.3	22.1.0.1		
Application	21.3	21.4	22.1										
AppianWS.exe	21.3.0.3	21.4.0.3	22.1.0.1										

	TM-162474	Record Count Option Does Not Work in SQLExec	Added execution thread code to record count along with restriction if option not selected for record count.												
	TM-162480	ALK PCMiller Web Services Distance Precision and Pad Values	<p>Fixed an issue with the Mileage Server where Precision calculations and Pad Values were not calculating as expected through the PC*Miller Webservice mileage option.</p> <p>These have been corrected. Both Primary and Alternate calculations will now calculate as intended, and customers can choose a precision level of Tenths, Hundredths and Thousandths.</p> <p>Note: The Precision calculations may only be used with ALKWS31 or higher. Any service lower does not support Precision calculations.</p> <table border="1" data-bbox="646 401 867 527"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>Mileserv.exe</td> <td>21.4.1.3</td> </tr> <tr> <td>Msservice.exe</td> <td>21.4.4.4</td> </tr> </tbody> </table>	Application	21.4	Mileserv.exe	21.4.1.3	Msservice.exe	21.4.4.4						
Application	21.4														
Mileserv.exe	21.4.1.3														
Msservice.exe	21.4.4.4														
	TM-162483	TTC Import client is unresponsive when reading from a large log file													
	TM-162550	Migrate DB Wizard prompts twice when extracting schema folder	Removed second prompt to extract folder (on initial No)												
	TM-162559	ETA is calculated twice with different Parser and Cause ALKWS error with Latlong as zone													
	TM-162635	Migrate VersionHistory.txt to TTCImportService.verhist													
	TM-141640	DEV 1: (tmwincur) PACOS Stop Profile Wizard	SCHEMA: 141640_PACOS_STOP_DESCRIPTION_MACRO.SQL												
	TM-141641	DEV 2: (tmwincur) Load Offer process													
	TM-157297	IMP-08: Merge/Switch Resources Overhaul - Ensure Seal Numbers Flow Between Trips - Part I													
	TM-158514	SchemaAutomation - Enhance Logging													
	TM-159785	Allow Selection of Different Load Plan Options Within LTL Terminal Plan													
	TM-159793	Ensure Manually Entered "Intermediate Specified Zones" Allow Bills To Be Planned Appropriately													
	TM-160611	Use SAS Token from Auth service in Azure Topic Tester													
	TM-160704	P1A - DEV 1F - Create Windows Service Setup													
	TM-161140	DB2_UPGRADE_SKIP_CYCLE_CHECK ECK=TRUE	<p>Added support for the new DB2_UPGRADE_SKIP_CYCLE_CHECK DB2 setting, which is required to be set to 'TRUE' for all customers running DB2 version 11.5.6.</p> <table border="1" data-bbox="646 1539 1037 1665"> <thead> <tr> <th>Application</th> <th>21.1</th> <th>21.2</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>MadSrv32.dll</td> <td>21.1.0.0</td> <td>21.2.0.2</td> <td>21.3.0.6</td> </tr> <tr> <td>SQLExec.exe</td> <td>21.1.0.3</td> <td>21.2.0.3</td> <td>21.3.4.12</td> </tr> </tbody> </table> <p>ADDITIONAL FILES:</p> <p>DB2.config</p>	Application	21.1	21.2	21.3	MadSrv32.dll	21.1.0.0	21.2.0.2	21.3.0.6	SQLExec.exe	21.1.0.3	21.2.0.3	21.3.4.12
Application	21.1	21.2	21.3												
MadSrv32.dll	21.1.0.0	21.2.0.2	21.3.0.6												
SQLExec.exe	21.1.0.3	21.2.0.3	21.3.4.12												

↑	TM-161150	Modify 'Copy Node' Element in Trip Tree View To Not Include 'Tag'	<p>A minor adjustment was made to the way the 'Copy' functionality works in the Trip Tree View. With these recent changes:</p> <ul style="list-style-type: none"> Using the Copy Node feature (CTRL+C) will only pull the specific value of a particular node - it will not include the tag. Using the Copy Tree feature (SHIFT+CTRL+C) will pull both the value and tag of items that were copied as part of the Copy Tree selection. 						
			<table border="1"> <thead> <tr> <th>Application</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>Dispatch.exe</td> <td>21.3.92.2</td> </tr> <tr> <td>MMDisp.exe</td> <td>21.3.109.1</td> </tr> </tbody> </table>	Application	21.3	Dispatch.exe	21.3.92.2	MMDisp.exe	21.3.109.1
Application	21.3								
Dispatch.exe	21.3.92.2								
MMDisp.exe	21.3.109.1								
↑	TM-161305	SQLExec - add build level check							
↑	TM-161510	IMP-08B: Merge/Switch Resources Overhaul - Ensure Seal Numbers Flow Between Trips - Part II	<p>Introduced new logic into Multi-Mode Dispatch in relation to Seal Numbers. Previously, logic was added to ensure that when the new Trip Operations Planning tool is used for merge actions, Seal Numbers will correctly follow from the original Trips onto the merged Trips (and potentially open automatically if bills were added/removed/switched on Trips).</p> <p>This case sees the introduction of this same logic to splitting actions within the Trip Operation Planning. Seal Numbers will correctly follow from an original merged Trip onto the 2+ created Split Trips (and potentially open automatically if bills were added/removed/switched on Trips).</p>						
			<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>MMDisp.exe</td> <td>21.4.131.1</td> </tr> </tbody> </table>	Application	21.4	MMDisp.exe	21.4.131.1		
Application	21.4								
MMDisp.exe	21.4.131.1								
↑	TM-161700	Add Company ID To Persistence Log For SQL Execute	Added Company number to XML file name for persistence						
↑	TM-161704	IMP 01: Add Colour Coding To Scheduled Arrival Field in Dispatch							
↑	TM-161722	IMP 02: Adjust How Prompts Occur Regarding Adjustment of Planned Departure/Scheduled Arrival							
↑	TM-162225	SQLExec takes long to start execute a query							
↑	TM-162300	IMP 03: Make Minor Adjustment To Audit Comment For Manual Override Audits							
↑	TM-162315	Decision Tree Forms in TM are not updating Driver/Power Unit ETA and PTA fields							
↑	TM-162544	P2.Use the new Azure.Messaging.ServiceBus for Azure connection							
↑	TM-162557	Force 11.5.6 for 22.1 execution	Forcing all apps to be running at least DB2 11.5.6 or higher. Updated Standard.pas and MaddDBUtil.pas						
↑	TM-162558	Force 11.5.6 Runtime for 22.1 execution	<p>Added code to check registry values on LOCAL_MACHINE for any DB2 software. If even one DB2 application is the correct version it will not flag the application. If there are no correct versions, the application will be flagged. & Cleaned up memory leak possibilities</p> <p>Fixed typo in resourcestring declaration</p> <p>Check the 3 outstanding applications and all 3 do not use standard.pas and tehrefore will not force the check</p>						
↑	TM-162579	Add code to automatically resolve inoperative triggers and views in DB Migrate Wizard							
+	TM-156863	P2. DEV Cloud Import Service - MultiThreading integration							
+	TM-156873	P1A - DEV 1B - Execute ART API							
+	TM-156875	P1A - DEV 1D - Service Error Handling - Phase 1: core framework							

+	TM-157894	DEV 14: (OPS) Associate Reason Codes To Status Codes - Disp /MMDisp - Admin Code, Part I											
+	TM-157895	DEV 15: (OPS) Associate Reason Codes To Status Codes - Disp /MMDisp - Admin Code, Part II											
+	TM-157896	DEV 16: (OPS) Associate Reason Codes To Status Codes - Disp /MMDisp - Admin Code, Part III											
+	TM-157897	DEV 17A: (OPS) Associate Reason Codes To Status Codes - Disp /MMDisp - Admin Code, Part IV (Trip Rolldown)											
+	TM-157899	DEV 19: (OPS) (NON-BILL) Associate Reason Codes To Status Codes - Disp/MMDisp - Status Dialog Update											
+	TM-158748	Add Additional Rule To DOCK Freight Bill(s) When Spotting At Destination - Part I	<p>Added new functionality to spotting statuses. Customers will now have the ability to determine whether they wish to 'Dock' Freight Bills as a result of applying a spotted status at the Trip Destination zone. This will be determined based on a new Additional Rule, "Dock FB if Spotting at Trip Dest". Users can also choose which Docked status they wish to apply depending on the particular spotting status that was chosen.</p> <table border="1" data-bbox="646 762 928 972"> <thead> <tr> <th>Application</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>Codes.exe</td> <td>21.3.27.1</td> </tr> <tr> <td>Dispatch.exe</td> <td>21.3.91.0</td> </tr> <tr> <td>MMDisp.exe</td> <td>21.3.107.0</td> </tr> <tr> <td>MobCommSvc.exe</td> <td>21.3.19.0</td> </tr> </tbody> </table> <p>SCHEMA:</p> <p>158748_STATUS.SQL</p>	Application	21.3	Codes.exe	21.3.27.1	Dispatch.exe	21.3.91.0	MMDisp.exe	21.3.107.0	MobCommSvc.exe	21.3.19.0
Application	21.3												
Codes.exe	21.3.27.1												
Dispatch.exe	21.3.91.0												
MMDisp.exe	21.3.107.0												
MobCommSvc.exe	21.3.19.0												
+	TM-158982	DEV 11: (OPS) Add Offset Value To Reason Codes - Dispatch Enhancements											
+	TM-158983	DEV 12: (OPS) Add Offset Value To Reason Codes - MMDisp Enhancements											
+	TM-158986	DEV 01: Planned Departure and Scheduled Arrival - MMDisp; Schema Modifications											
+	TM-158987	DEV 02: Planned Departure and Scheduled Arrival - MMDisp; UI Modifications											
+	TM-158988	DEV 03: Planned Departure and Scheduled Arrival - MMDisp; Trip Legs Modifications											
+	TM-158989	DEV 04: Planned Departure and Scheduled Arrival - Dispatch; New Columns											
+	TM-158990	DEV 05: Planned Departure and Scheduled Arrival - Dispatch; UI Modifications											
+	TM-158991	DEV 06: Planned Departure and Scheduled Arrival - Load Optimizer; UI Modifications											
+	TM-158992	DEV 07A: Planned Departure and Scheduled Arrival - Load Optimizer; Functional Modifications											
+	TM-158995	DEV 10: Planned Departure and Scheduled Arrival - Update Planned Departure Functionality (Part 1)											

+	TM-158997	DEV 12: Planned Departure and Scheduled Arrival - Application Configuration Enhancements															
+	TM-158998	DEV 13: Planned Departure and Scheduled Arrival - Security Configuration Enhancements															
+	TM-158999	DEV 14A: Planned Departure and Scheduled Arrival - TRIPSTAT Modifications (Non-Optimizer Functionality)															
+	TM-159792	DEV / BILL: Add right-click option to Trips grid in Dispatch called 'Roundtrip' which automatically appends an empty leg back to the trip origin	<p>Added new functionality into the Dispatch and Multi-Mode Dispatch applications. Under the 'Round Trip' menu item in both items, a new 'Add Return Leg' option has been added. This will generate an empty leg on the chosen Trip going from the last 'To Zone' on the Trip to the earliest non-auto reposition From Zone on the Trip, effectively allowing Dispatchers to route a Trip back to its original start zone.</p>														
				<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>Dispatch.exe</td> <td>21.4.109.4</td> </tr> <tr> <td>MMDisp.exe</td> <td>21.4.131.2</td> </tr> </tbody> </table>	Application	21.4	Dispatch.exe	21.4.109.4	MMDisp.exe	21.4.131.2							
Application	21.4																
Dispatch.exe	21.4.109.4																
MMDisp.exe	21.4.131.2																
+	TM-159913	DEV: Client names addition	<p>Five new fields were added to the Multi Container grid, accessible via Customer Service, Dispatch and Multi-Mode Dispatch. These five new fields are:</p> <ul style="list-style-type: none"> • Shipper Name - will display the 'Shipper Name' from a Freight Bill. • Consignee Name - will display the 'Consignee Name' from a Freight Bill. • Empty Origin Name - will display the 'Empty Origin Name' from a Freight Bill (for Export Bills only). • Empty Disposition Name - will display the 'Empty Disposition Name' from a Freight Bill (for Import Bills only). • Movement Type - will display the 'Movement Type' for an InterModal Freight Bill. 														
				<table border="1"> <thead> <tr> <th>Application</th> <th>21.3</th> </tr> </thead> <tbody> <tr> <td>CServ.exe</td> <td>21.3.102.1</td> </tr> <tr> <td>Dispatch.exe</td> <td>21.3.92.1</td> </tr> <tr> <td>MMDisp.exe</td> <td>21.3.109.0</td> </tr> </tbody> </table>	Application	21.3	CServ.exe	21.3.102.1	Dispatch.exe	21.3.92.1	MMDisp.exe	21.3.109.0					
Application	21.3																
CServ.exe	21.3.102.1																
Dispatch.exe	21.3.92.1																
MMDisp.exe	21.3.109.0																
+	TM-160802	Update TruckMate ContainerIQ Service to use TTC SAS Token for credentials	<p>This case changed TruckMate ContainerIQ Service to use TTC SAS Token for credentials.</p>														
				<table border="1"> <thead> <tr> <th>Application</th> <th>21.2</th> <th>21.3</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>MadServiceHost.exe</td> <td>21.2.3.1</td> <td>21.3.5.1</td> <td>21.4.7.1</td> </tr> <tr> <td>MadWinServiceHost.exe</td> <td>21.2.16.2</td> <td>21.3.27.2</td> <td>21.4.41.2</td> </tr> </tbody> </table>	Application	21.2	21.3	21.4	MadServiceHost.exe	21.2.3.1	21.3.5.1	21.4.7.1	MadWinServiceHost.exe	21.2.16.2	21.3.27.2	21.4.41.2	
Application	21.2	21.3	21.4														
MadServiceHost.exe	21.2.3.1	21.3.5.1	21.4.7.1														
MadWinServiceHost.exe	21.2.16.2	21.3.27.2	21.4.41.2														
+	TM-160804	DEV 17B: (OPS) Associate Reason Codes To Status Codes - Disp /MMDisp - Admin Code, Part IV (ODRSTAT)															
+	TM-160806	P1A - DEV 1D - Service Error Handling - Phase 2: definitions and notifications															
+	TM-160930	DEV 01 / BILL: Container number show on delivery after entry at pick up															
+	TM-161066	P1B - Update TTC AUDIT entries															
+	TM-161556	DEV 02 / BILL: Container number show on delivery after entry at pick up															
+	TM-162207	DEV 01: Trailer Work Project - Codes Maintenance UI															
+	TM-162477	DEV 02: Allow users to search by the USER8 field from the DRIVER table - Modifying Applications															



















- TM-160975 SQLExec - Rework Process issues with new TRIP_TREE_VIEW capabilities

131 issues

Web/API

T	Key	Summary	Release Notes						
<input type="checkbox"/>	TM-141879	phoneNumber request/response inconsistency							
<input type="checkbox"/>	TM-159582	Update responseCode and errorText on PUT orders/orderId/aCharges/-999							
<input type="checkbox"/>	TM-160114	POST /trips/tripNumber/seals - Field restriction	<p>Added additional validation when assigning a seal to a trip through the TruckMate API Service</p> <table border="1"> <thead> <tr> <th>Application</th> <th>21.3</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>ART.exe</td> <td>21.3.49.0</td> <td>21.4.70.0</td> </tr> </tbody> </table> <p>SCHEMA:</p> <p>160114_CAMELCASE_SEAL_RES_TYPE.SQL</p>	Application	21.3	21.4	ART.exe	21.3.49.0	21.4.70.0
Application	21.3	21.4							
ART.exe	21.3.49.0	21.4.70.0							
<input type="checkbox"/>	TM-160118	API Document - /seals & /seals/sealId							
<input type="checkbox"/>	TM-160121	FL: tm/trips - Phase 1: POST with stops are not creating the stops in the trip	Corrected Database errors related to session isolation by adding additional properties to downlevel validation libraries						
<input type="checkbox"/>	TM-160202	tm/trips - GET trip stops calls fail with error 500 if the stop name values are not unique in the STOPS table							
<input type="checkbox"/>	TM-160343	ART True/False fields should be case insensitive							
<input type="checkbox"/>	TM-160462	Requests to update Quotes should return 400							
<input type="checkbox"/>	TM-160678	FL tm/trips - 400 Item not found error returned when attempting to create leg based trip and assign resources	Resolved an issue in the Miscellaneous Equipment 2 assignment. Also detected a case where there may be a silent failure due to an app config prohibiting assignment of a trailer 2/3 or similar. Added additional check to the preflight process to prevent this class of silent failure						
<input type="checkbox"/>	TM-160717	Remove the nullable attribute from Integer fields in the API Document							
<input type="checkbox"/>	TM-160817	FL - tm/trips - Phase 1: POST trips error validations	Commit Reworks for various prevalidations issues applied during the preflight check process. Address a case where the BaseDM's Zone validation returns true when zone provided is empty						
<input type="checkbox"/>	TM-160842	FL tm/trips - Post trip creates the trip when only one zone is provided	Enhance granularity of Zone checks in the preflight check to better address cases where an empty zone is qualified as being valid, or where the Routeld validation impacts the processing of a zone rule						
<input type="checkbox"/>	TM-160863	*FL: tm/trips - POST new trip populates trip user fields with empty string value instead of null	Updated the method for new trip requests to ensure that nulls are saved to user fields if nothing has been set explicitly						
<input type="checkbox"/>	TM-161039	TM4Web Order Entry Pieces Quantity doesn't save as entered (rounds down instead of up)							
<input type="checkbox"/>	TM-161151	PHP8 not support features cause 500 when creating RQ							
<input type="checkbox"/>	TM-161171	500 server error encountered when attempting to create a PUR when configured to open Crystal Report after submit							
<input type="checkbox"/>	TM-161188	PHP8 E_WARNING messages encountered in TM4WEB							

TM-161198	Specific vendor pages fail to load due to PHP fatal errors (PHP8)							
TM-161205	masterData service: /vendors & /clients API document missing responseCodes							
TM-161219	ART - incorrect errorText when making PUT requests to a non-existent PUR orderId							
TM-161228	masterData service: 405 errorText							
TM-161329	FL tm/trips - Errors in deassignOrdersFromMatchingTrips controls function	Fixed an issue where setting the controls function to de-assign orders from matching trips was resulting in a SQL error.						
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>ART.exe</td> <td>21.4.69.3</td> </tr> </tbody> </table>	Application	21.4	ART.exe	21.4.69.3		
Application	21.4							
ART.exe	21.4.69.3							
TM-161344	FL tm/trips - Reworks needed relating to partial trip creation functionality	Updated the trips API so that a 202 response code is returned for partial trip creation scenarios where one or more orders cannot be matched due to business logic reasoning.						
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>ART.exe</td> <td>21.4.69.8</td> </tr> <tr> <td>Codes.exe</td> <td>21.4.30.11</td> </tr> </tbody> </table>	Application	21.4	ART.exe	21.4.69.8	Codes.exe	21.4.30.11
Application	21.4							
ART.exe	21.4.69.8							
Codes.exe	21.4.30.11							
TM-161388	OpenAPI webUpdate enums							
TM-161407	FL - tm/trips - Phase 2: POST trips error validations	Fixed multiple preflight validations relating various fields in the request body of the POST trips API call.						
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>ART.exe</td> <td>21.4.69.6</td> </tr> </tbody> </table>	Application	21.4	ART.exe	21.4.69.6		
Application	21.4							
ART.exe	21.4.69.6							
TM-161446	FL tm/trips - Manifest field in trip table is being set to 'Y' for new P&D trips created using from and to Zone	Fixed an issue to avoid setting the trip manifest flag to 'Y' for newly created P&D trips through the REST API.						
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>ART.exe</td> <td>21.4.65.2</td> </tr> </tbody> </table>	Application	21.4	ART.exe	21.4.65.2		
Application	21.4							
ART.exe	21.4.65.2							
TM-161454	TM4WEB rate quote result screen does not display details grid contents							
TM-161539	FL: tm/trips - Phase 2: Reworks relating to the stops creation/stops array functionality	Updated and revised the logic used to create stops when creating P&D Trips using the Trips API.						
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>ART.exe</td> <td>21.4.69.5</td> </tr> </tbody> </table>	Application	21.4	ART.exe	21.4.69.5		
Application	21.4							
ART.exe	21.4.69.5							
TM-161566	API Governance: response codes							
TM-161585	ART - POST orders/orderId/details returns 200 when request body is empty							
TM-161611	PUT /orders/orderId/status CANCL not saving reason	Resolved an issue that prevented the reason from saving when cancelling an order through the API						
		<table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>ART.exe</td> <td>21.4.67.0</td> </tr> </tbody> </table>	Application	21.4	ART.exe	21.4.67.0		
Application	21.4							
ART.exe	21.4.67.0							
		SCHEMA: 161611_CANCEL_FB_ADD_REASON_FIELD.SQL						

	TM-161665	PUT /trips/:tripNumber/status remove reason field	Removed the reason field to trip based status change requests (PUT /trips/:tripNumber/status)				
			<table border="1"> <tr> <th>Application</th> <th>21.4</th> </tr> <tr> <td>ART.exe</td> <td>21.4.66.1</td> </tr> </table>	Application	21.4	ART.exe	21.4.66.1
Application	21.4						
ART.exe	21.4.66.1						
	TM-161745	Memory leak on creating trips with stops (resources)	Fixed memory leaks that were encountered in the trips API when creating trips with stops and resources.				
			<table border="1"> <tr> <th>Application</th> <th>21.4</th> </tr> <tr> <td>ART.exe</td> <td>21.4.70.2</td> </tr> </table>	Application	21.4	ART.exe	21.4.70.2
Application	21.4						
ART.exe	21.4.70.2						
	TM-161750	FL tm/trips - Stops that are simultaneously a delivery and terminal stop do not display resources assigned to the stop	Updated the trips API response to display resources on a terminal stop that has associated resources and actions.				
			<table border="1"> <tr> <th>Application</th> <th>21.4</th> </tr> <tr> <td>ART.exe</td> <td>21.4.69.7</td> </tr> </table>	Application	21.4	ART.exe	21.4.69.7
Application	21.4						
ART.exe	21.4.69.7						
	TM-161815	/documents - unable to generate/retrieve a document if the document type contains a space					
	TM-161822	Reworks related to Master Data /vendors endpoint					
	TM-162094	Currency for codAmount not being populated when a value is entered for codAmount for post tm/orders					
	TM-162146	Contact fields return 500 when sending POST /PUT request with phone value larger than 13					
	TM-162214	Memory leak on creating orders (art 22.1.19.2)	Fixed memory leaks that were encountered in the orders API when creating a new order.				
			<table border="1"> <tr> <th>Application</th> <th>21.4</th> </tr> <tr> <td>ART.exe</td> <td>21.4.70.3</td> </tr> </table>	Application	21.4	ART.exe	21.4.70.3
Application	21.4						
ART.exe	21.4.70.3						
	TM-162215	Memory leak on getting openapi.json (art 22.1.19.2)					
	TM-162335	TruckMateAPI error An unexpected token TMS_ORDER_CHECK_LIST was found following SELECT FROM	Fixed an issue where some functionality was missing in the TM4WEB REST API resulting in a 500 error being returned for multiple API calls.				
			<table border="1"> <tr> <th>Application</th> <th>21.4</th> </tr> <tr> <td>ART.exe</td> <td>21.4.70.1</td> </tr> </table>	Application	21.4	ART.exe	21.4.70.1
Application	21.4						
ART.exe	21.4.70.1						
	TM-162458	SQL error 500 encountered when attempting to POST notes to an existing order					
	TM-162605	GET tm/orders/orderId/traceNumbers is returning a 500 error					
	TM-156673	Deprecate/Hide the Agent Service					
	TM-158030	Update traceNumbers Summary and Descriptions					
	TM-158037	Update orders/{orderId}/caller Summary /Description					
	TM-158045	Renaming orders/orderId/details/dtId/barcodes endpoint					
	TM-158372	Update orders/orderId/customDefs Summary and Descriptions					
	TM-159551	Add new ART Master Data Service to ART Admin					

↑	TM-159552	Move clients endpoint from /tm to new service					
↑	TM-159553	Move vendors endpoint from /tm to new service					
↑	TM-159554	Move drivers endpoint from /tm to new service					
↑	TM-159555	Move aChargeCodes endpoint from /tm to Master Data API					
↑	TM-159748	Phase 2 - Trips API: Remove access to Orders sub paths					
↑	TM-160055	Centralize the errorText - /trips					
↑	TM-160068	update jQuery and Kendo					
↑	TM-160524	Retrieve drivers assigned to a trip					
↑	TM-160536	Retrieve powerUnits assigned to a trip					
↑	TM-160689	Centralize the errorText - 404 Not Found					
↑	TM-160693	Alphabetically sort the endpoints displayed in OpenAPI					
↑	TM-160743	Add web user JWT Auth to Documents endpoint					
↑	TM-160752	Centralize the errorText - 405 Method not allowed					
↑	TM-160753	Centralize errorText - 400 exceeds max length					
↑	TM-160838	Update ART's error response format to include an array of errors					
↑	TM-160846	Add tripNumber Field to /seals API					
↑	TM-160942	Centralize errorText - Request Fields					
↑	TM-161018	ART Performance - Post /orders performance improvement	<p>Updated the POST /orders request to bulk insert the order and its sub-resources in one request.</p> <table border="1"> <thead> <tr> <th>Application</th> <th>21.4</th> </tr> </thead> <tbody> <tr> <td>ART.exe</td> <td>art 21.4.69.4</td> </tr> </tbody> </table> <p>SCHEMA:</p> <p>161018_BULK_SAVE_FB_AND_POST_FB.SQL</p>	Application	21.4	ART.exe	art 21.4.69.4
Application	21.4						
ART.exe	art 21.4.69.4						
↑	TM-161043	Array and string offset access syntax with curly braces is no longer supported					
↑	TM-161046	ART Admin Consolidate log settings from individual checkboxes to Log Levels					
↑	TM-161059	Remove references to phpunit					
↑	TM-161069	Update ART Logging to utilize new levels (Error, Warning, Notice, Information, Debug)					
↑	TM-161141	Update sealedTrip Field in /seals API	Issue is now resolved, Freddie removed the file from Flyway folder.				
↑	TM-161178	ART - Return 405 for endpoints					



TM-161179 Add reason code in responses of statusHistory

Added the reason code to the response body of the statusHistory section for orders.

Application	21.4
ART.exe	21.4.68.0

SCHEMA:
161179_ADD_REASON_ORDER_HISTORY.SQL



TM-161197 Temporarily hide PUT /trips/:tripNumber



TM-161199 Temporarily limit stop AssignmentResource to freight



TM-161201 ART - openapi validation before reaching controllers



TM-161202 Remove orderId and update resourceId type to oneOf



TM-161217 DASH - test builds



TM-161244 GET /trips equipment resource should be an array



TM-161310 GET /trips containers resource should be an array



TM-161311 GET /trips drivers resource should be an array



TM-161312 GET /trips powerUnits resource should be an array



TM-161313 GET /trips trailers resource should be an array



TM-161314 GET /trips chassis resource should be an array



TM-161343 FL: Update stop resource type and action fields to use the same value format in request and response

Updated the resource type and action fields to return consistent value formats in the request and response body for tm/trips.

Application	21.4
ART.exe	21.4.68.1



TM-161377 Trips: DEFAULT_400_MAX_LENGTH



TM-161379 Trips: 404 Not Found



TM-161380 Trips: 405 Method not allowed



TM-161475 Move trailers endpoint from /tm to new service



TM-161681 Performance issue POST order with barcodes

Updated the POST /orders request to bulk insert order details and details barcodes in one request.

Application	21.4
ART.exe	21.4.69.0

SCHEMA:
161018_BULK_SAVE_FB_AND_POST_FB.SQL



TM-161744 Orders API - remove deprecated contacts field /endpoint



TM-161972 TM4Web WorkOptima integration

Added support for WorkOptima to TM4WEB imaging.

Application	21.1	21.2	21.3	21.4
TM4WEB	21.1.0.21	21.0.21	21.3.0.25	21.4.0.39



TM-162007 masterData service: GET /aChargeCodes oData filtering



TM-162222 OData filtering needs to be added to tm/orders /orderId/traceNumbers



TM-162305 TDD GET masterData/clients/



TM-162595 Hide Master Data for 22.1 GA



TM-153728 ART TM4Web Orders filter/orderBy Supports Web Users



TM-161870 DEV: A C1 - GET masterData/aChargeCodes/:aChargeCodeId/restrictBillTypes AND masterData/aChargeCodes/:aChargeCodeId/restrictBillTypes/:restrictBillTypeId



TM-161871 DEV: A D1 - GET masterData/aChargeCodes/:aChargeCodeId/valuations AND masterData/aChargeCodes/:aChargeCodeId/valuations/:valuationChargeId



TM-161908 DEV: C B1 - GET masterData/clients/:clientId/aChargeCodes AND masterData/clients/:clientId/aChargeCodes/:aChargeCodeId

101 issues