TMWSuite

2023.2 Release Notes

5/2023

TECHNOLOGY THAT
transforms

Trimble

Warnings

Important information. Please read before upgrading.

Installation warning

Starting in version 2020.4, you *must* install the TMWSuite files into a new directory. Some files from earlier versions are not compatible with V.2020.4 and greater. If you need assistance, please work with your support team.

Social Security number encryption warning

Starting in version 2020.2, Social Security numbers you enter in the Driver profile are encrypted in the database by default.

Having encrypted Social Security numbers could interfere with third-party applications accessing the data. This happens because the data is encrypted when transferred. The third-party application does not have the ability to decrypt it.

You can set up the system so that the Social Security numbers you enter in the Driver profile are not encrypted in the database.

To do so, set the `DataEncryption` General Info Table setting's **String1** field to `N`.

Note: The Data Conversion Administration Utility allows you to encrypt/decrypt a group of Social Security numbers in your database. Contact your Professional Services representative to obtain the DataConversionAdministrationUtilityInstall.msi.

Access and usage of The Data Conversion Administration Utility should be provided only to a system administrator. That utility provides access to highly sensitive data and should be used in the explicit instance of needing to encrypt or decrypt the driver profile.

SMTP email port warning

Starting in version 2019.2, the setup for the SMTP email feature has changed.

Now you can set these options in the `SmtpEmailer` General Info Table setting:

- **String1** = Identify your SMTP server
- **String3** = Identify your SMTP server username
- **String4** = Identify your SMTP server Password
- **Int1** = Specify whether Secure Sockets Layer (SSL) authentication is active
- **Int2** = Specify whether CRM Right uses Windows authentication
- **Int3** = Identify your SMTP server port as 587 or 465

Notes:

1. This lets you configure your system to use Secure Sockets Layer (SSL) for SMTP email.

2. Starting in version 2019.4, you can disable Secure Sockets Layer (SSL) for SMTP email.

3. See the description for `SmtpEmailer` General Info Table setting for more information about this setting.

Invoice output configurations warning

Starting in version 2019.1, there is a new procedure for setting up and assigning invoice output configurations for print and EDI.

In previous versions, you set up output configurations in the **EDI 210** field or in the Advanced EDI Output Settings window in the company's File Maintenance profile.

In V.2019, those two locations are no longer available. Now, you set up invoice output configurations in the Billing Output Configuration Folder. To access this window, select
Edit > Company Billing Output.

And, you can assign invoice output configurations from either of these locations:

- The Billing Output Configuration Folder
- The Distribution Method window in the company profile

  Note: To access this window, you must use Screen Designer to add the **Invoice Output Method** button to the company profile.

The upgrade script for V. 2019.1 is designed to automatically import all the invoice output configurations you previously set up. You should not need to do any additional setup for your existing configurations. However, as with any major upgrade, we recommend that you verify the results after running the upgrade script.

ALK Warning

In very limited circumstances, your system could generate incorrect mileages when using PC*MILER version 32 with any of these products:

- TMW Operations version 2018.2 or lower
- TMW Back Office version 2018.2 or lower
- Fuel Dispatch version 2018.2 or lower
- TMWSuite version 2018.2.0.0275 or lower

This problem is associated **only** with systems that have one of these options set in their TTS50:

- `[MileageInterface]ExOptions[x]=I`
- `[MileageInterface]ExOptions[x]=X`

Having either of these options set will cause Practical mileage to be computed as Shortest, and Shortest mileage to be computed as Practical.

This will not affect mileages previously retrieved and stored in the mileage table.

The issue is fixed in the next general release, such as 2018.3 for TMWSuite.

A temporary workaround to bypass the incorrect code is to do any of the following:

Use an additional `ExOption` in conjunction with the `I` or `X` option.

- Remove the `I` or `X` option entirely.
- Install an earlier version of PC*MILER.

TMWSuite's mapping feature is not compatible with PC*MILER version 32 or later

TMWSuite's (PowerBuilder) mapping feature works with ALK's PC*MILER|Mapping software to plot routes and symbols on a map.

To use ALK's **mapping** features in TMWSuite (PowerBuilder), you must use PC*MILER|Mapping version 31 or **earlier**.

Starting with PC*MILER version 32, ALK supports only ALK® Maps for mapping. ALK Maps is a web-based, JavaScript API. TMWSuite does not support ALK Maps.

If you are using TMW.Suite (.NET) or another .NET product, you can use ALK Maps.

Notes:

1. In TMW.Suite (.NET), support for ALK Maps is free of charge. To use it, you need a unique API key value. Contact your TMW support representative for more information.

2. This change only affects the compatibility of ALK's mapping features in TMWSuite; it does not affect the mileage features.

2023.2

This section contains the following for the latest version:

- System requirements

- Enhancements (new or updated features)

- Resolved issues (application improvements)

Note: Before upgrading your production environment, Trimble recommends that you read the system requirements and install the latest version in a test environment. If you have questions, please contact your customer representative.

Requirements

Before you begin installing **TMWSuite version 2023.2**, check that these requirements are met:

- **Internet Information Services (IIS) for Microsoft® Windows Server®**

  IIS Microsoft Windows Server 2008 R2 or later

- **Microsoft® SQL Server®**

  - Microsoft SQL Server 2012 or later

    Note: SQL Server 2012, SQL Server 2014, SQL Server 2016, SQL Server 2017, SQL Server 2019, and SQL Server 2022 are certified for use with this application. Trimble Transportation recommends using the latest service pack of whichever version you use.

- **.Net Framework 4.6.2 or later**

- **Microsoft Visual C++ 2010 x 86 Redistributables**

- **32-bit SQL Native Client Drivers**

  Version 10, 11, or MS OLE DB must match the drivers to your SQL version.

- **You must be logged into the system where you want to install TMWSuite, and have administrator rights for that system.**

  Like most applications, TMWSuite can be installed locally on a user's system. It is also possible to install TMWSuite on a network drive. To do so, you must be logged into the system where the drive is physically located, and have administrator rights for that system.

Enhancements

Trimble Places

Viewing average facility dwell times (TTESUITE-203922)

Dwell time is the total amount of time that a driver is at a facility. It includes time spent loading and unloading, as well as any slack or detention time.

With Trimble Places, you can view average dwell times for a particular facility in TMWSuite. You can use that information when scheduling trips in the Trip Folder.

There are two types of dwell time information available for a location:

- *Global*: Calculated across all transportation companies that collect dwell time data
- *Fleet*: Calculated across a single transportation company's fleet of trucks

To use this feature, you must determine how and when the system receives dwell time information. You do this when setting up options in the Trimble Places Configuration window.

You can then view dwell times in:

- The profile of an *eligible company* (an active company that is linked to Trimble Places)
- The Trip Folder **Stops** grid for an *eligible trip* (a trip that has not yet started and contains one or more stops at eligible companies)

For more information, see the [Trimble Places documentation](#).

Freight Board Interface

DAT Priority Booking (TTESUITE-205375)

You use Trimble's TMW Freight Board Interface application to post available loads and trucks to one or more freight board services. When you subscribe to multiple freight board services, your postings can be made to all of your freight board services at the same time, or you can send a posting to specific boards.

Now, if you use the vendor DAT, you can export carrier contacts from your Trimble transportation management system to DAT's website portal DAT One.

With DAT Priority Booking, you can make use of Private Networks (PN). A PN consists of carriers represented by contacts with which a DAT customer will do business. Loads can be posted to a PN, an entire board, or both. Loads can be negotiable in the DAT One portal if posted to the PN.

File Maintenance

Improved mass latitude/longitude lookups (TTESUITE-204886)

On the Mass Lat/Long Assignment window, you can look up and assign latitude and longitude values to multiple companies. This feature now uses the Trimble Maps API to look up data.

Rating

Average Fuel formula options available for billing line item rates (TTESUITE-204165)

Previously, Average Fuel formula functionality was only available for secondary billing rates. It is now also available for line item rates.

Resolved issues

Rating

TTESUITE-205850

Charge type categories were not editable due to missing tab orders.

Custom layouts failed when `[Tariff]ShowDotNetTab=Y`.