



TITAN PORTAL GUIDE

CONFIGURATION GUIDE

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1 OVERVIEW

About this Guide

This guide provides information specific to the Titan Logix Corp. TrueFill Solution (hereafter referred to as the Titan TrueFill) only.

A Titan Logix system must be installed, operated, and maintained in accordance with the details described **ONLY** in Titan Logix manuals, application notes and all other relevant publications. Any installations or operations outside the scope of this information **MUST** contact Titan Logix technical support for more information.

Installation and operational information pertaining to optional equipment or peripheral systems will not be included in this manual. Refer to the vendor supplied documents for more information.

It is essential that this manual be read and understood for proper installation and operation of your new Titan TrueFill system.

Please visit Titan's Help Center (help.titanlogix.com) for additional information on Titan Logix's solutions.



NOTE

Additional resources, troubleshooting articles, and videos are available in the Titan Help Center:
help.titanlogix.com

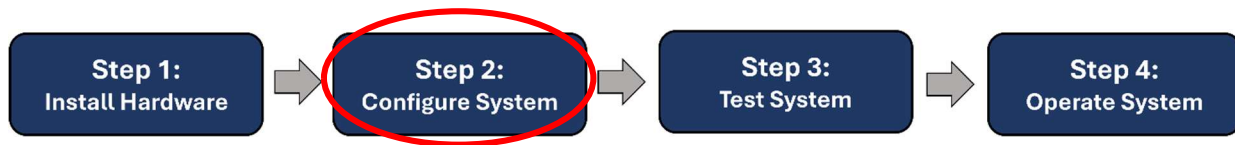
Prerequisites

Before using Titan Install and Titan Portal, ensure you have the correct Titan Hardware that is compatible with our online technology.



Overview Workflow

The diagram below shows configuring your Titan System in 3 steps. This document covers Step 2: Configure System using Titan Install/Titan Portal.



Titan Technology Overview

Titan Portal and the Titan Install app work together to provide an integrated set of tools for fleet management, system installation and repair.



Titan Portal



Titan Portal is a web-based administration and asset management platform. It provides centralized access to system information for vehicles and trailers in your fleet. An internet connection is required.

Titan Portal access is available from a PC, tablet, or smartphone using a web browser.

Browser Recommendation: Titan recommends the Chrome web browser for Titan Portal access on a PC. Known issues with The Microsoft Edge browser file caching may prevent you from seeing the most recent Titan Portal screens and Help Center articles. The workaround is to routinely clear the browser's cached images and files or to simply use the Chrome browser.

Through Titan Portal, users can:

- View system configurations (transmitters, displays, rack loading capability)
- Access TD100 and FINCH model and serial number information
- Identify trucks and trailers
- Manage Titan Install user access and permissions
- Store and manage strapping table files

Titan Install



Titan Install is the mobile application used by installers and service technicians to configure and service Titan systems in the field. It connects wirelessly to the system through the FINCH display. An internet connection is required.

Titan Install is designed to streamline installation and service while keeping all system data synchronized with Titan Portal.

With Titan Install, users can:

- Perform initial FINCH display configuration after installation
- Configure FINCH display settings and perform firmware updates
- Program TD100 transmitters and update firmware
- Troubleshoot system issues
- View and adjust FINCH display settings without opening the enclosure
- Eliminate the need for programming kits, cables, and PC software

2 TITAN PORTAL SETUP

Titan Portal Overview

Titan Portal is Titan Logix's web-based platform used to manage fleet assets, system configurations, users, and files. It works alongside the Titan Install mobile app to ensure all system data remains centralized and up to date.

There are two primary user roles within a company:

The first Admin role account is created by Titan.

Mechanic role accounts are created by the company administrator (Admin).

User Role in Titan Portal	Description
Administrator	Administrators manage the company's Titan Portal account, including users, permissions, assets, and files. At least one Admin account is required per company. The following functions are what Administrators can do within Titan Portal: • Create admin accounts within the company • Create mechanic accounts within the company • Assign Titan Install app permissions to mechanics • Monitor assets (Trailer ID/Name, TD100, Finch Display) • Manage uploaded files. • Import/export files • Create and modify files
Mechanic	Mechanics are service technicians who perform field configuration and service using Titan Install. Titan Portal access and permissions are assigned by the company Admin. This user is usually the role that works directly on a vehicle for system installation or repair. • Installer or repair tech • Installer or service technician who performs field configuration and service using Titan Install. Portal access and permissions are assigned by an Admin.

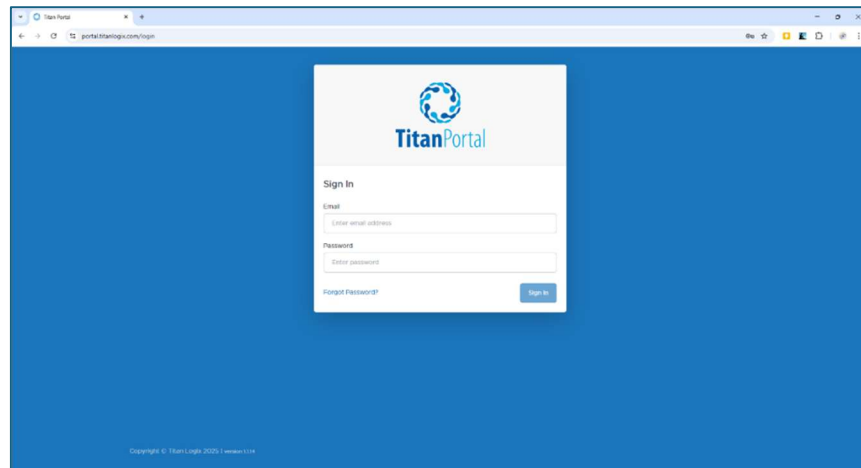


NOTE

- Your company's initial Admin account is vetted and then created by Titan Logix.
- Company Admins are responsible for creating and managing additional users inside their organization.
- A user's access level is determined by their assigned role and permissions within Titan Portal.

Logging In to Titan Portal

1. Open an internet browser on a computer, tablet, or mobile device.
2. Navigate to <http://portal.titanlogix.com>.



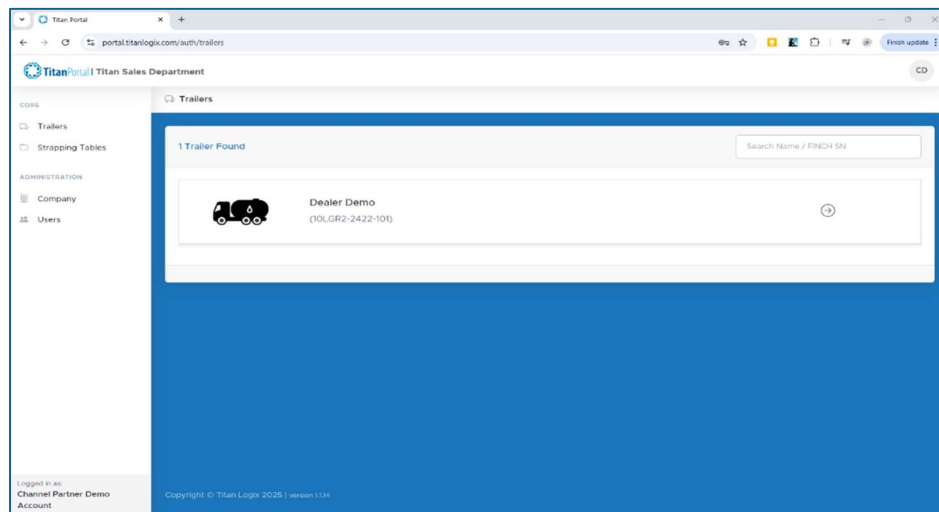
3. Enter your username and password.
4. Click **Login**.

After login, the Trailers screen appears. This is Titan Portal's home screen.



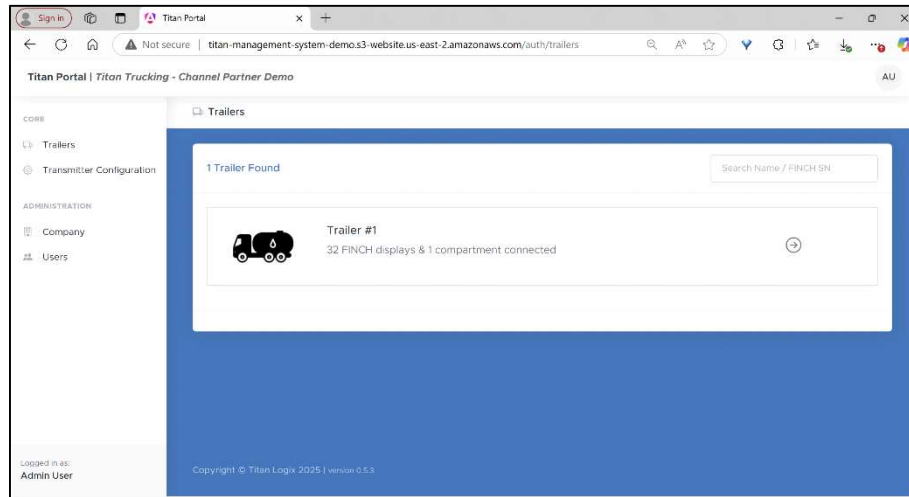
NOTE

Trailers can **only** be added by scanning the QR code on the FINCH display using an account associated with the same company.



Titan Portal User Interface

The Trailers page is the default home screen and provides access to all major Titan Portal features.



The menu on the left side provides navigation to the following screens:

Menu	Description
Trailers	Displays all your trailer names the hardware attached to each asset.
Strapping Tables	Manage, create, edit, and organize strapping table files.
Company	View and manage company contact information.
Users	Create, delete, and manage Titan Portal and Titan Install users.
Logged In User	View your account information, change your password, and log out of your account.

User Management

Adding Users

1. From the left-side menu, select **Administration → Users**.

The Users page appears.

2. Click the **Add User** button in the upper right corner.

The Add User window appears.

3. Fill out the user's information (fields marked * are required)
4. Select the **User Type**:
 - Admin
 - Mechanic

The screenshot shows a web form titled "Add User". It contains the following fields: "First Name*" (text input), "Middle Initial (optional)" (text input), "Last Name*" (text input), "Email*" (text input), and "User Type*" (dropdown menu). The "User Type*" dropdown is currently open, displaying two options: "Admin" and "Mechanic". At the bottom right of the form are two buttons: "Cancel" and "Save".

5. Click the **Save** button.

The new user will receive an email with their username and temporary password. They must follow the email instructions to reset their password for Portal and Install access.

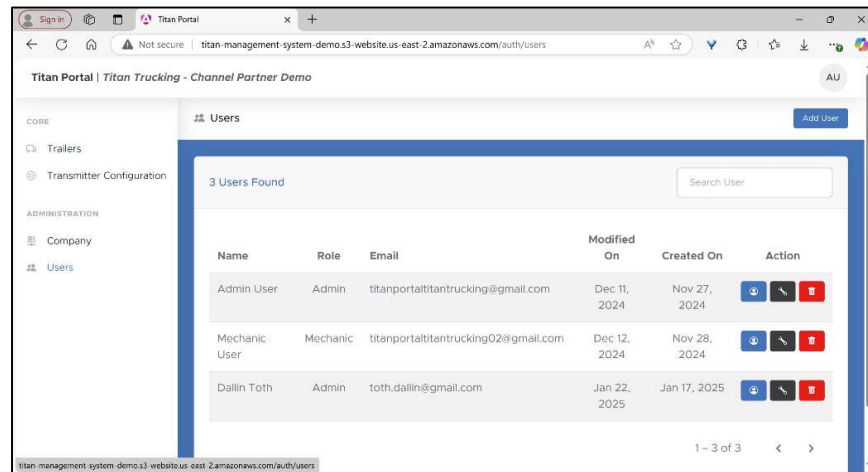
Assigning Permissions to Users

The company's administrator is responsible for setting Titan Install app and Titan Portal permissions for other Admins and Mechanic users. This is usually done right after creating a new user account.

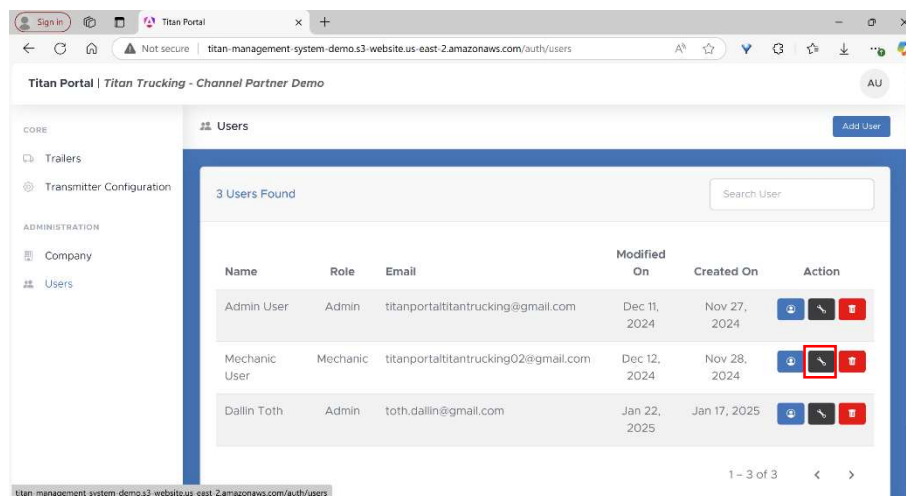
Permissions determine what an administrator or mechanic is allowed to work on while installing or repairing a TD100 system. These permissions can be modified by an administrator at any time when needed.

To set or modify a user's permissions using Titan Portal:

1. Under the ADMINISTRATION left-hand menu, click **USERS**.



2. Click the **Edit User Permissions** button to edit the user's Titan Install and/or Titan Portal permissions.

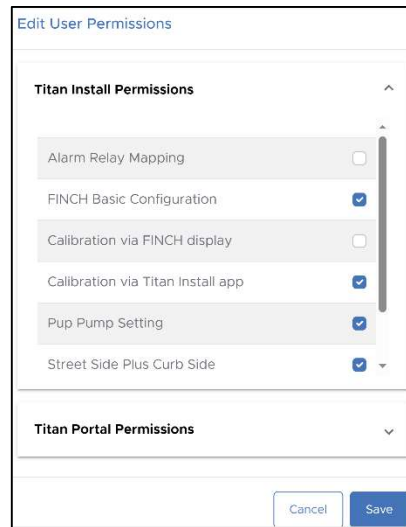


3. The Edit User Permissions is broken out into two categories: Titan Install Permissions and Titan Portal Permissions.

Titan Install Permissions

4. Edit the user's Titan Install permissions.

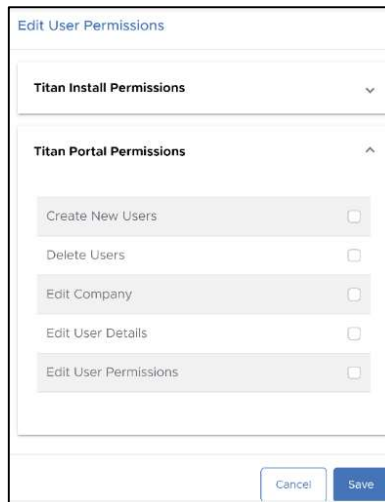
Check/Uncheck each box to allow/deny access to the specific operation



Permissions	Description
Alarm Relay Mapping	Allow/Deny changing the FINCH Alarm Relay Mapping.
FINCH Basic Configuration	Allow/Deny performing the initial Basic Configuration when the FINCH display is newly installed and the QR code is scanned for the first time.
Calibration via FINCH display	Allow/Deny performing a TD100 calibration from the FINCH display's buttons.
Calibration via Titan Install app	Allow/Deny TD100 calibration using Titan Install.
Pup Pump Setting	Allow/Deny changing the FINCH display's Remote Acknowledge as an Alarm Input. This setting repurposes the display's Remote Acknowledge input as an additional alarm input from a second FINCH display. The second display does not necessarily have to be on a pup or control an onboard loading pump.
Street Side Plus Curb Side	Allow/Deny changing the FINCH display's Global Acknowledge Enable setting. This setting allows multiple FINCH displays to have the alarms acknowledged from any display mounted on the vehicle. These displays must be connected to the same transmitters. For example, all displays must be connected to the Compartment#1 transmitter to receive the global acknowledgement.
Update Firmware	Allow/Deny updating the TD100 and FINCH firmware.

Titan Portal Permissions

Check/Uncheck each box to allow/deny access to the specific operation



Permission	Description
Create New Users	Ability to create new users in Titan Portal.
Delete Users	Ability to delete Titan Portal and Install users.
Edit User Details	Ability to change user details.
Edit User Permissions	Ability to change user permissions for Titan Portal and Install.

- Once everything is selected for that user, click the **Save** button.

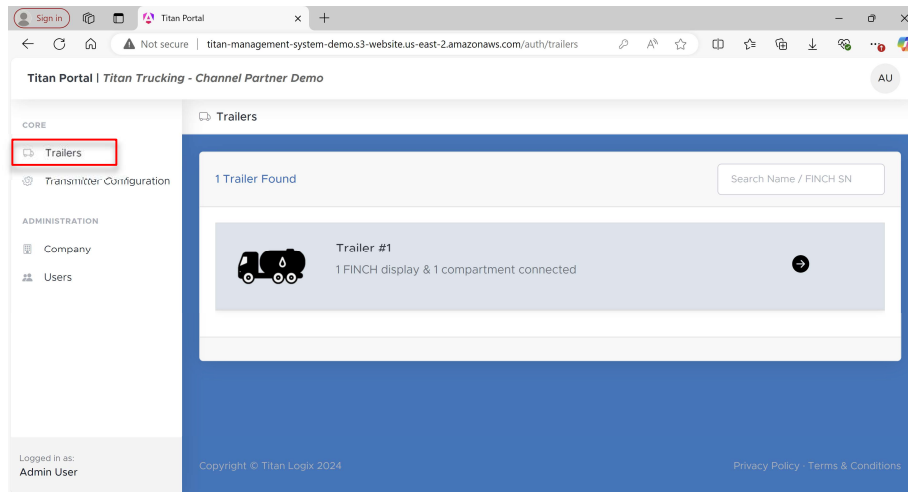
3 TRUCK ASSETS STORED IN TITAN PORTAL

Viewing Your Titan Systems on Titan Portal

The newly added trailer and assets are found in the Portal's Trailers screen. The company's Portal Administrator names the new trailer when accessing the trailer and assets for the first time after scanning with Titan Install.

FINCH II W displays appear in Blue, and FINCH III systems appear in Red.

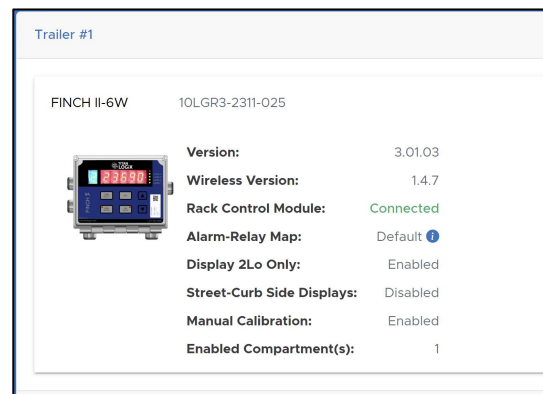
1. Under the CORE Menu, click **Trailers**.
2. All trailers are listed by name.



3. Click on a trailer to view the installed assets on that trailer.

The FINCH display information shown in Titan Portal:

- model and serial number
- configuration
- firmware versions



TD100 transmitter(s) information:

- model and serial number
- probe type
- firmware version
- alarm settings

10LGIC-2325-067
App version: 4.12.1



TD100-T21

Probe Type:	Dual-rod
Detection Mode:	Performance
Last modified on:	Feb 28, 2025

Unit Details

Depth Units:	Inches
Volume Units:	Liters

Alarm Settings

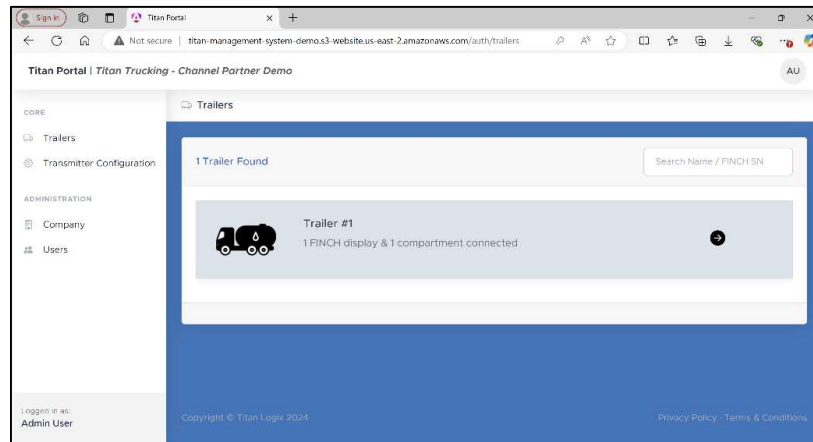
High High Alarm:	13272 L
Fill Alarm:	Not Set
Fall Alarm:	Not Set
Total Offset:	1.44 in
Spill Reset:	Band Clear
Spill Alarm:	7.13 in (from bottom of probe nut)

Close

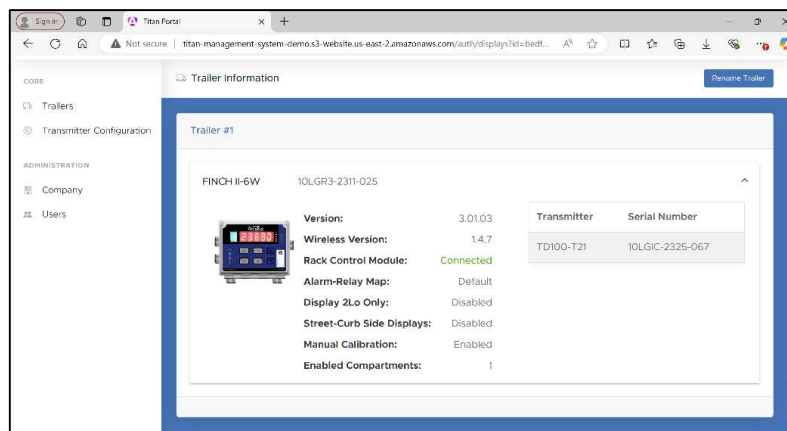
Renaming Trailers from Titan Portal

Your company trailers can be renamed at any time from Titan Install app or from Titan Portal.

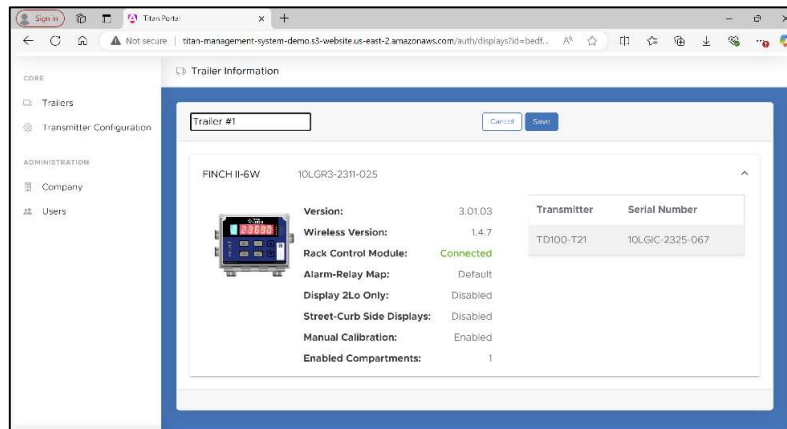
1. Login to the Titan Portal.
2. Click the **Trailers** menu from the left-hand menu.
3. Click on the **Trailer** to rename it.



4. Click the **Rename Trailer** button.



5. Fill out the new trailer name and click **Save**.

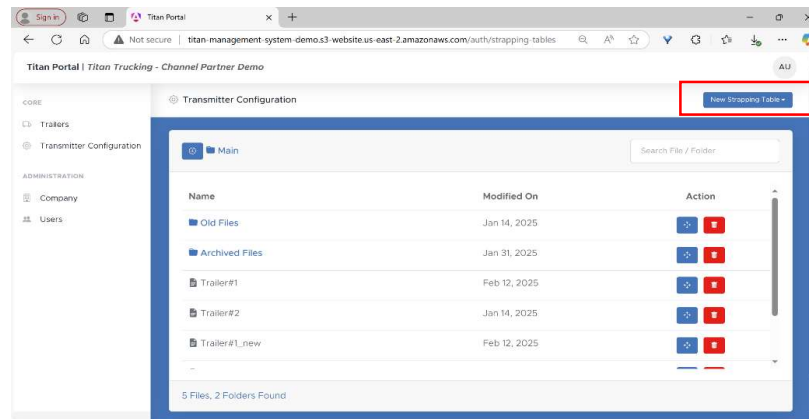


4 STRAPPING TABLES

Strapping Tables in Titan Portal Overview

Strapping table files may be created from scratch using Titan Portal. These files are then available for mechanics to program transmitters and for administrators to import/export them.

1. In the CORE menu, click **Strapping Tables**.
2. Click the New Strapping Table button.

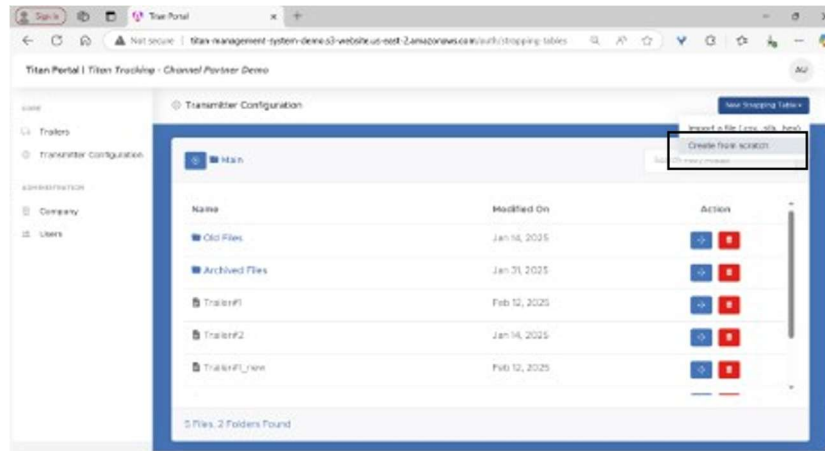


There are three options to select from:

- Import a file (.csv, .stb, .hex)
- Bulk Import (.stb, .hex) – Max 20
- Create from scratch

Creating Strapping Table from Scratch

1. Click the **Create from scratch** drop-down option.



2. Enter the new strapping table file name.

3. The 1st entry of 0 depth and 0 volume have already been filled in. All strapping tables must begin with 0 and 0.
4. Enter the depth and volume values from the depth chart provided by the customer.
5. Click the **Add Row** button to keep adding rows until all the values have been entered.

Depth (in)	Volume (m³)	Action
0	0	+ -
1	0.5	+ -
2	1.0	+ -
3	1.8	+ -
4	2.8	+ -

6. Fill out the information under Probe Settings:

- Probe Type
- Detection Mode
- Depth Units
- Volume Units

Note: Depth and Volume Units from this screen are DIFFERENT than converting units. Refer to Converting Strapping Table Units (Page 31) for more information on converting your units.

7. Click the **Next** button to continue.

8. Set or review the Spill alarm options and then enter HH alarm volume or depth.

9. Click the arrow to the right of the title to continue.

Probe Settings

Probe Type: Dual-rod

Detection Mode: Performance

Depth Units: Inches

Volume Units: Gallons (US)

Alarm Settings

Spill Alarm Level: 7.1 in (96.4 US gal)

Spill Alarm Reset: Band-clear

HH Depth (in): 46.18

HH Volume (US gal): 92.36

(Optional)

Fill Volume (US gal): Not Set

Fall Volume (US gal): Not Set

Progress: 1 of 5 steps

Tank Depth	Spill	HH	2Lo	Sump	Total Offset
in	US gal	US gal	US gal	in	in
53.50	96.36	92.36	9.00	0.00	1.813

Buttons: Cancel, Save

10. Enter the Offset Measurement values for Tank Thickness and Probe Offset.

11. Click the arrow to the right of the title to continue.

Offset Measurement

Tank Thickness (in): 0.3

Probe Offset (in): 1.2

Total Offset (in): 1.5

Progress: 3 of 5 steps

Tank Depth	Spill	HH	2Lo	Sump	Total Offset
in	in	in	in	in	in
48.00	42.37	38.00	4.50	0.00	1.500

Buttons: Cancel, Save

12. Set the Display Decimal and Decimal Shift if required.
13. Click the arrow to the right of the title to continue.

FINCH Display Settings

Display Decimal
2 Digits

Shift Decimal

← →

Progress: 4 of 5 steps completed

Tank Depth	Spill	HH	2Lo	Sump	Total Offset
in	in	in	in	in	in
48.00	42.37	38.00	4.50	0.00	1.500

Cancel Save

14. Enter the Sump depth if required.
15. Click the arrow to the right of the title to continue.

Sump Settings

Sump (in)
0

Reset

Progress: 4 of 5 steps completed

Tank Depth	Spill	HH	2Lo	Sump	Total Offset
in	in	in	in	in	in
48.00	42.37	38.00	4.50	0.00	1.500

Cancel Save

- Set the 4-20mA settings if required.
- Below top of probe:
- Above bottom of tank:
- Select the Reset button next to each field to reset the value to default.

Note: You MUST have a T22 4-20mA Transmitter to have this work.

- Click the arrow to the right of the title to continue.

Tank Depth	Spill	HH	2Lo	Sump	Total Offset
in	in	in	in	in	in
48.00	42.37	38.00	4.50	0.00	1.500

The Rack Overfill section ONLY applies if you are installing this strapping table on a unit that has a FINCH III display AND the Enable Rack Control is selected from Titan Install mobile app.

Click the arrow to the right of the title to continue.

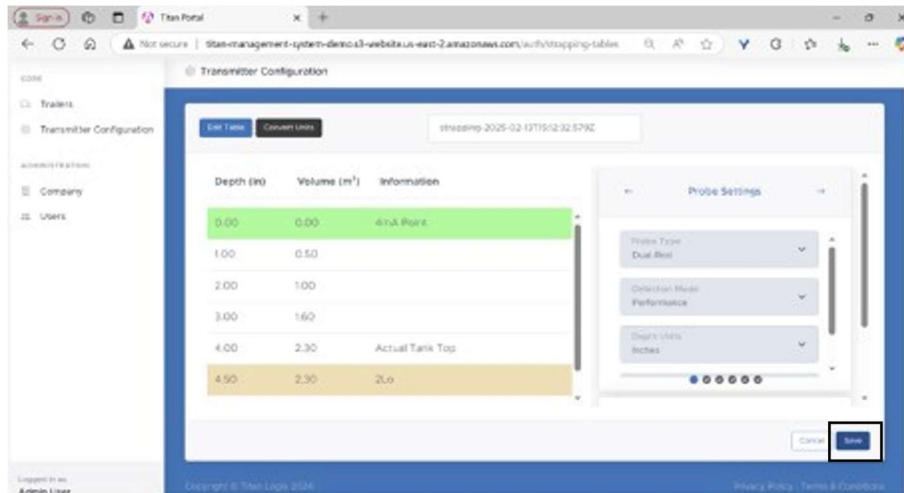
Tank Depth	Spill	HH	2Lo	Sump	Total Offset
in	in	in	in	in	in
48.00	42.37	38.00	4.50	0.00	1.500

The following pop-up window appears after you have completed all the screens in building out your strapping table.

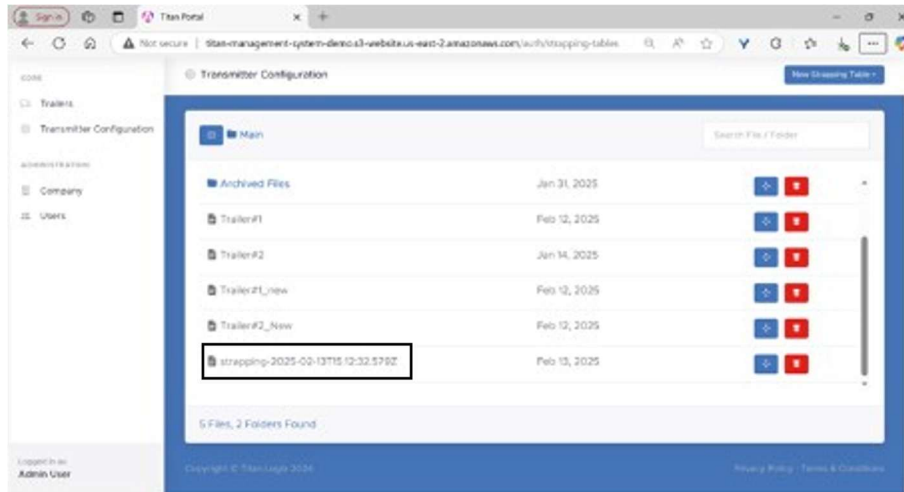
16. Click the **Close** button to continue.

You are now taking back to the strapping table file in Titan Portal.

17. Click the **Save** button in the lower right corner of the screen to continue.



The newly created strapping table file is now in the list of files.

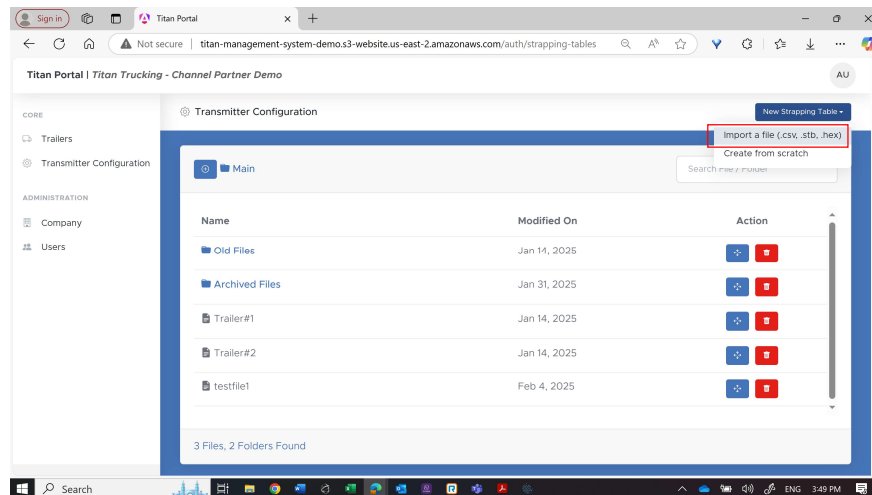


Import .STB File to Titan Portal

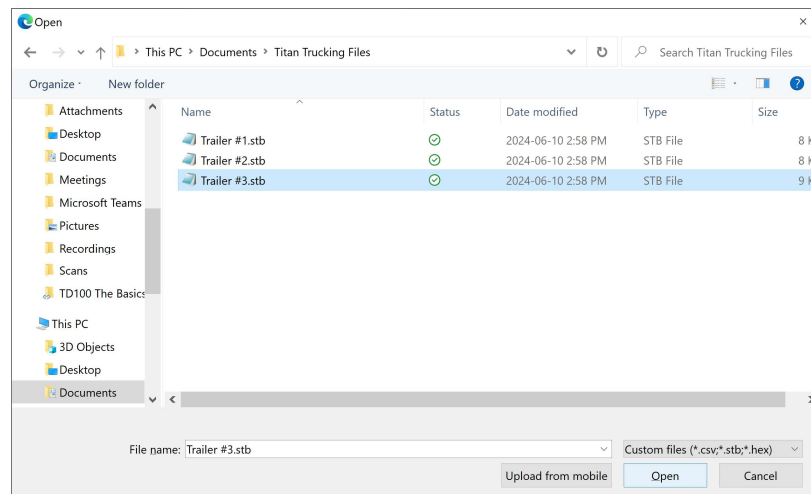
Your strapping files created using SensorLink may be imported into The Titan Portal for use by the Install app. These same files may be exported or saved outside of the Portal for safe-keeping or to use in SensorLink.

1. Under the CORE Menu, click **Strapping Table**.
2. Click **Import a File**.

The file formats available for download are .csv, .stb or .hex. The most common file to import is the .stb file.



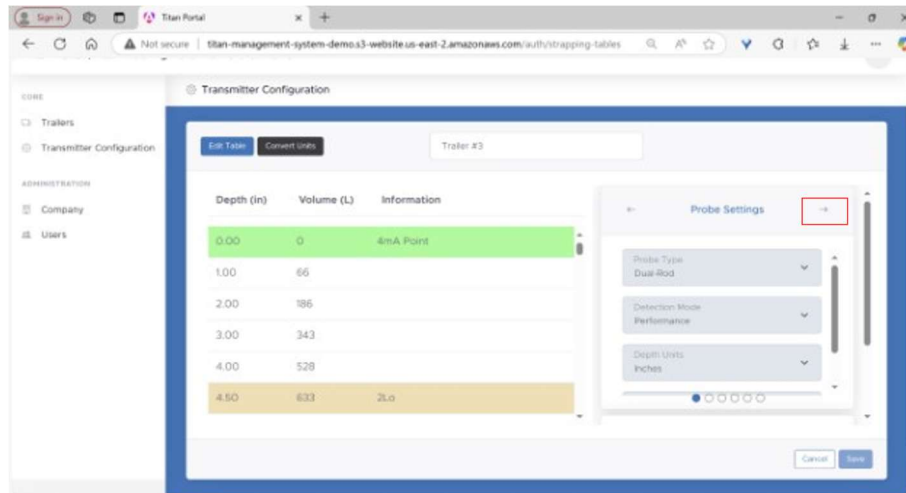
3. Navigate to the folder where the file is stored.



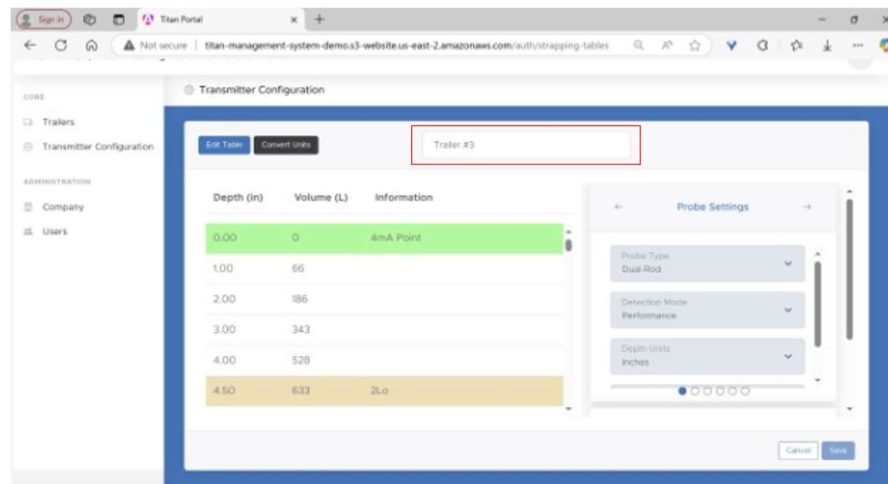
4. Select the file and then click the **Open** button.

The next sequence of screens allows you to verify the strapping table content before it is saved in Titan Portal.

5. Click the right arrow to view each page of settings.
6. Click the Close button when all the settings have been viewed.

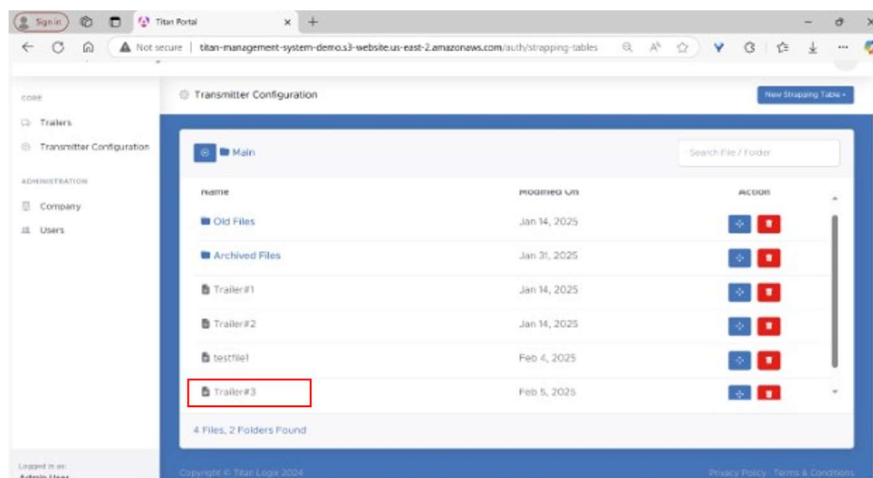


7. The file name can be changed at this point.



8. Click the **Save** button.

The newly imported file appears in the list of files.



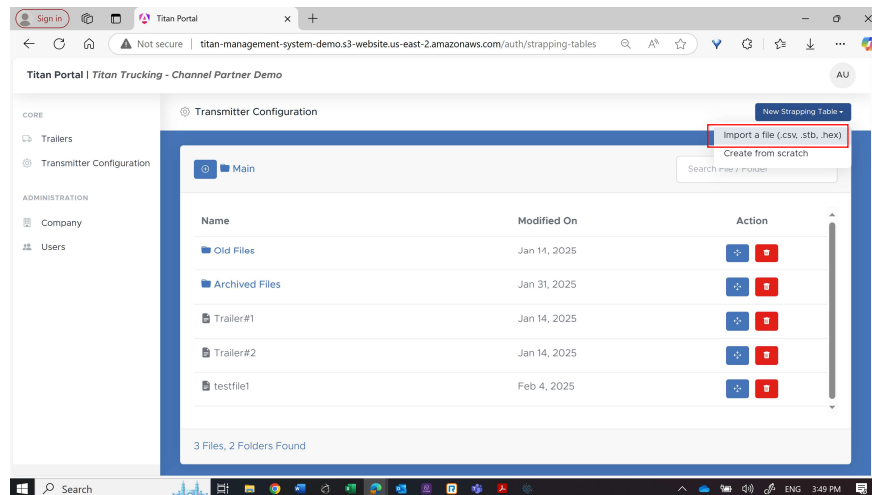
Import .CSV File to Titan Portal

Your strapping files created using SensorLink may be imported into The Titan Portal for use by the Install app. These same files may be exported or saved outside of the Portal for safe-keeping or to use in SensorLink.

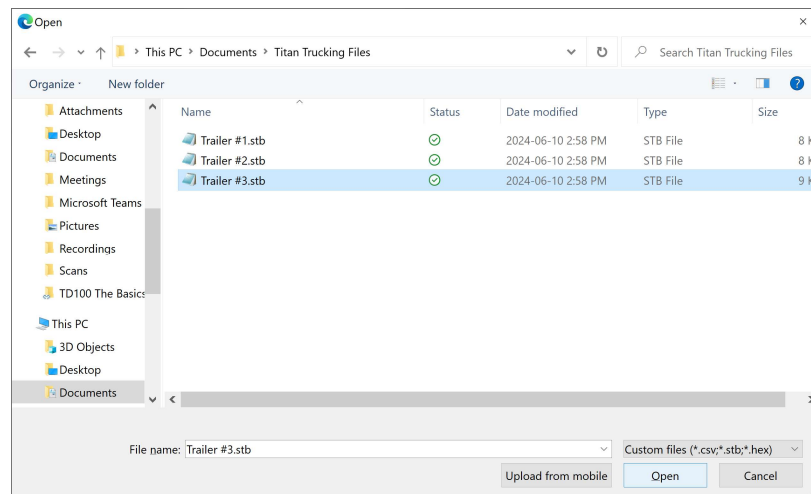
9. Under the CORE Menu, click **Strapping Table**.

10. Click **Import** a File.

The file formats available for download are .csv, .stb or .hex. The most common file to import is the .stb file.



11. Navigate to the folder where the file is stored.

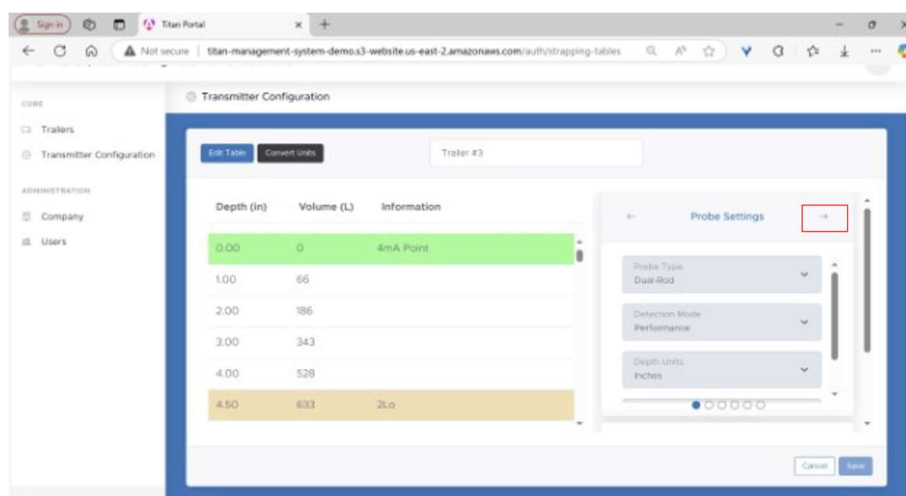


12. Select the file and then click the **Open** button.

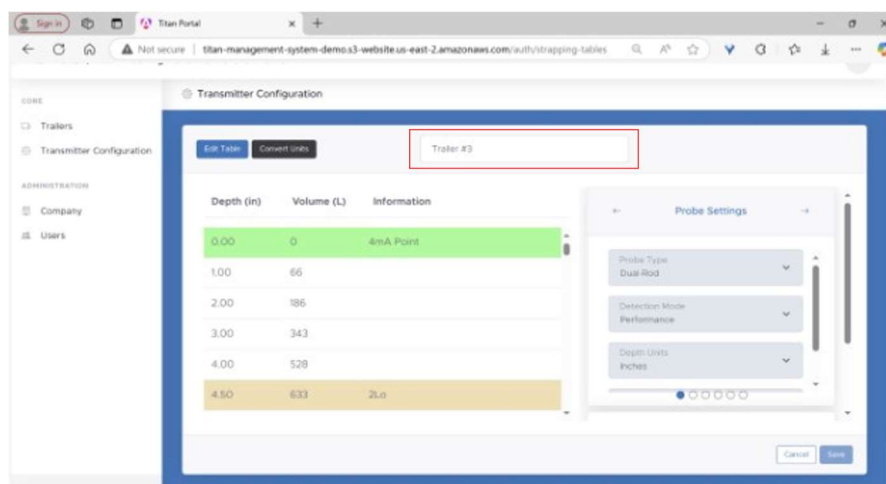
The next sequence of screens allows you to verify the strapping table content before it is saved in Titan Portal.

13. Click the right arrow to view each page of settings.

14. Click the Close button when all the settings have been viewed.

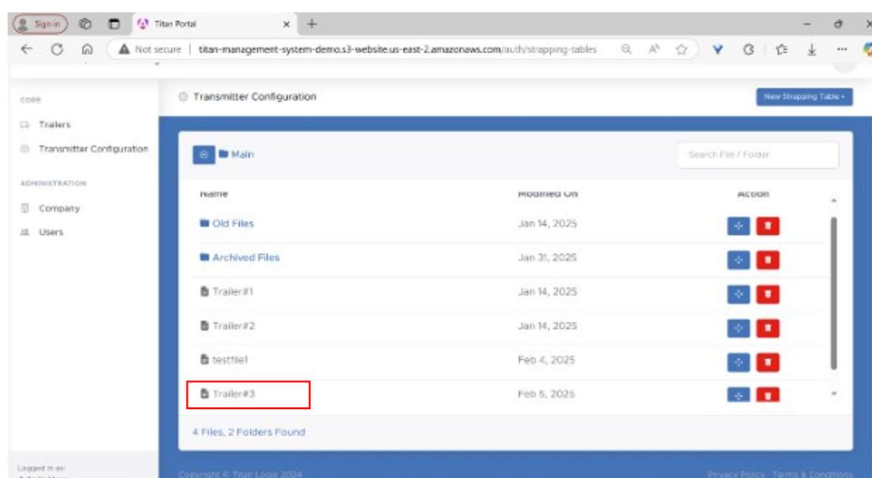


15. The file name can be changed at this point.



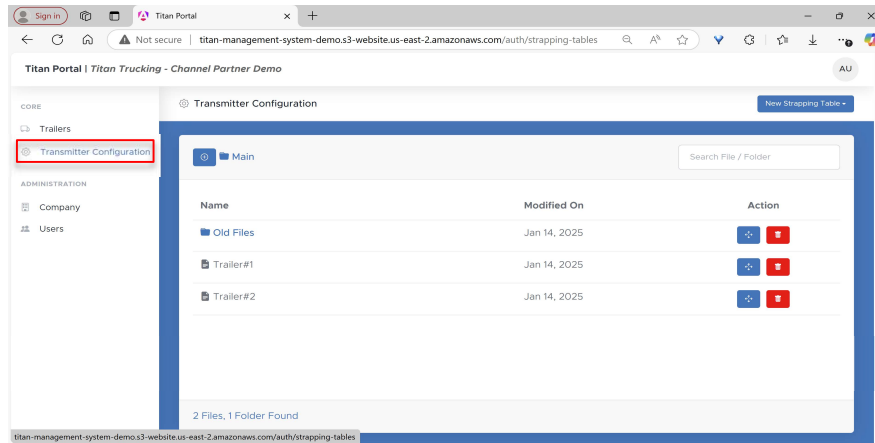
16. Click the **Save** button.

The newly imported file appears in the list of files.



Exporting Files from Titan Portal

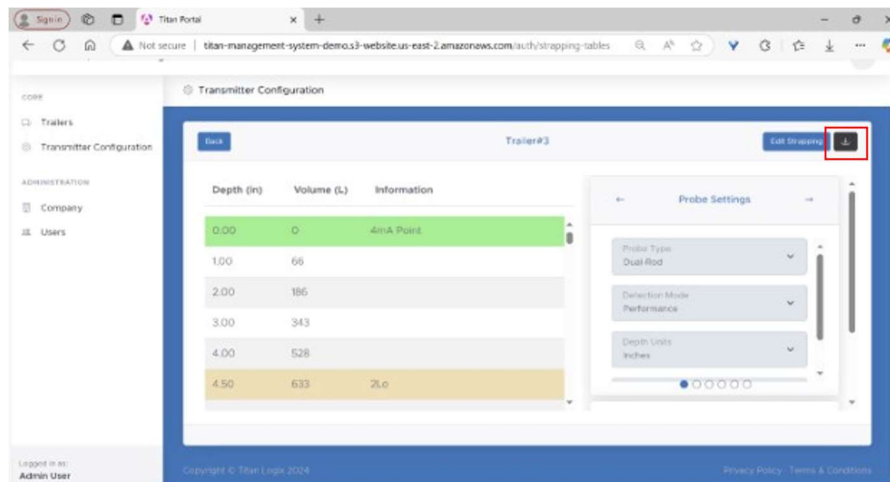
1. Under the CORE Menu, click **Strapping Table**.



2. Select the Strapping Table file to Export.

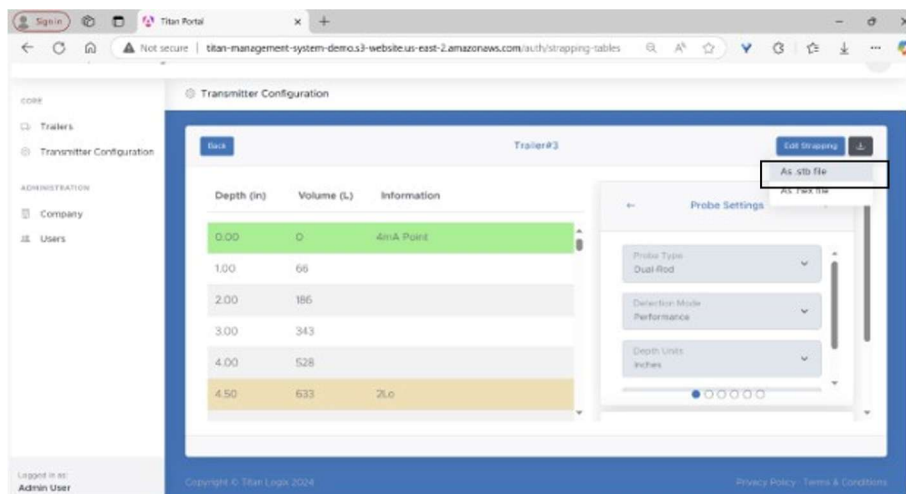
The strapping table configuration page appears.

3. Click the **Download** button.

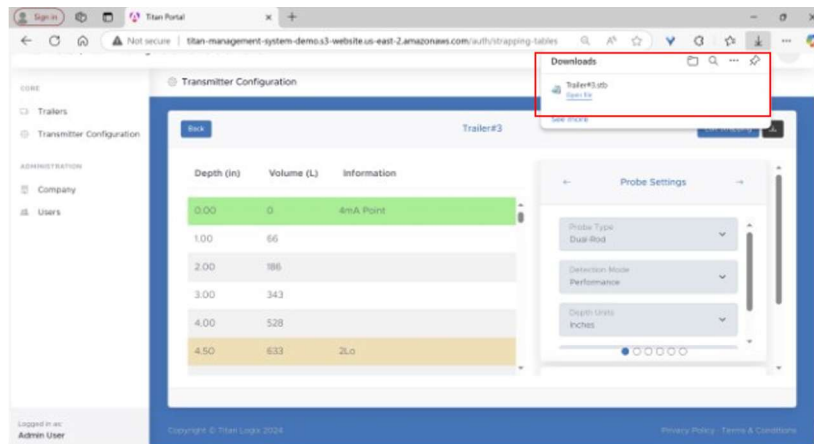


4. Click "As .stb file".

The .stb extension is the most common file used for programming transmitters.



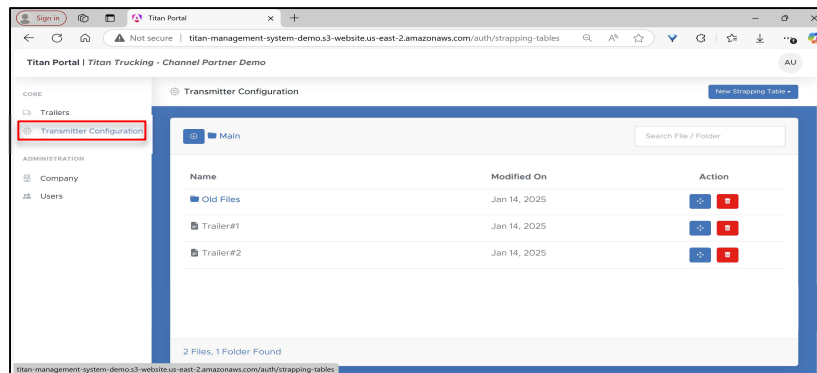
5. You will now find the downloaded .stb file in the Downloads folder.



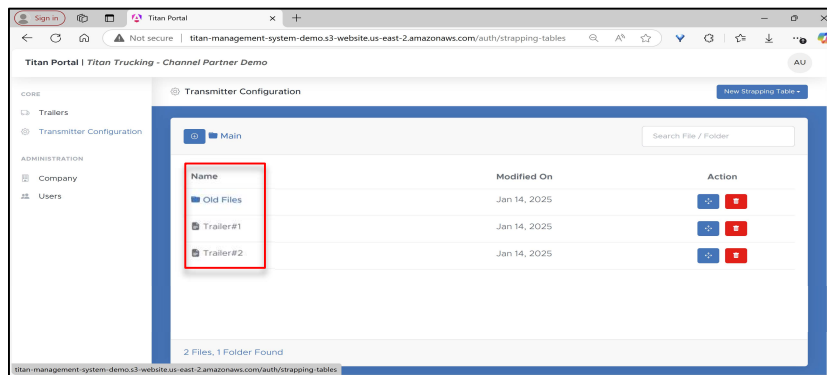
Managing your Strapping Chart Files

Titan Portal administrators manage the transmitter strapping table files used by Mechanics and the Titan Install app.

1. Under the CORE menu, click **Strapping Table**.

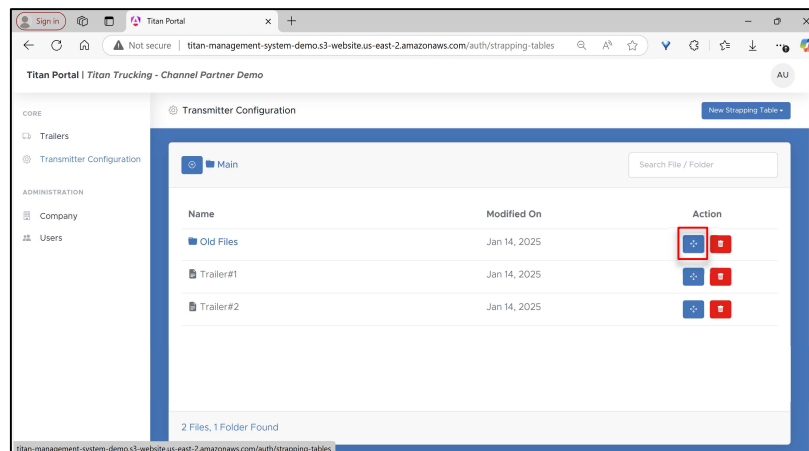


2. The company's files are listed.

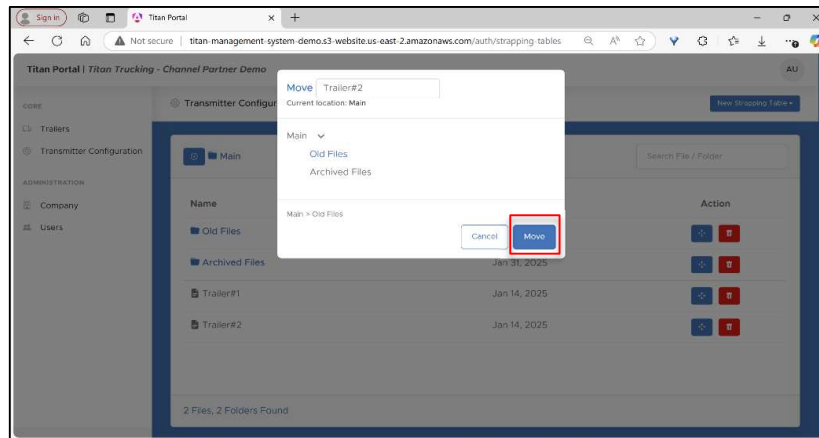


3. Files can be moved from the Main folder to other folders created by the administrator.

4. Click the **Move Folder** button and then select the destination folder.

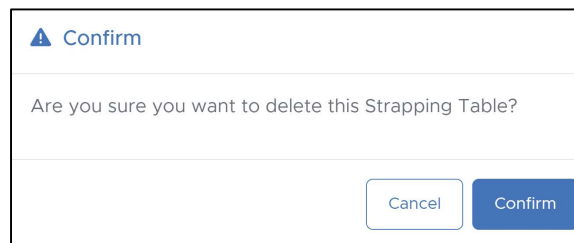
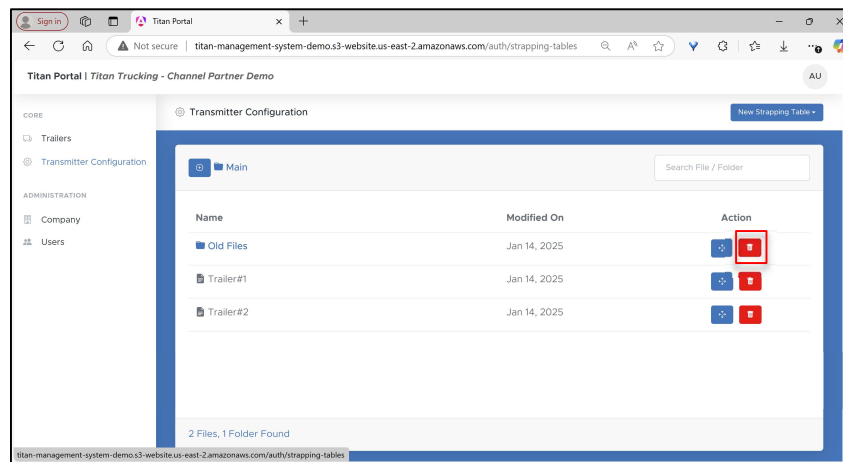


5. Finish by clicking the **Move** button.



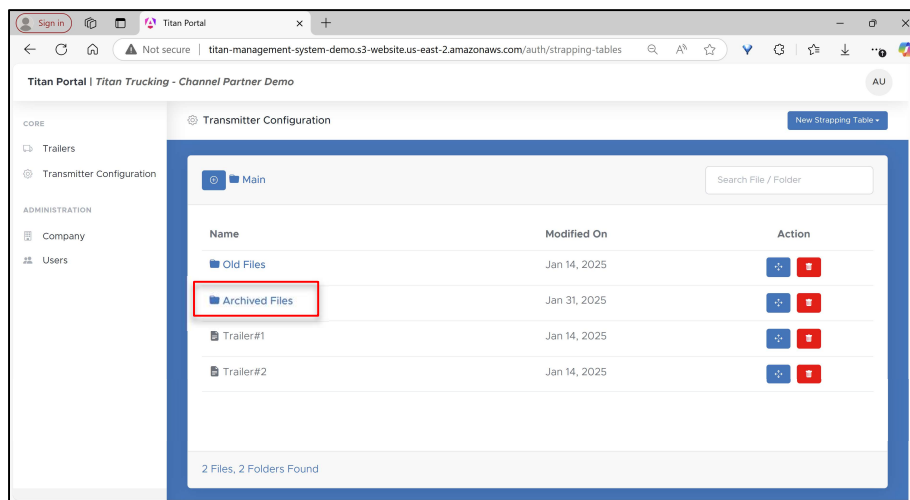
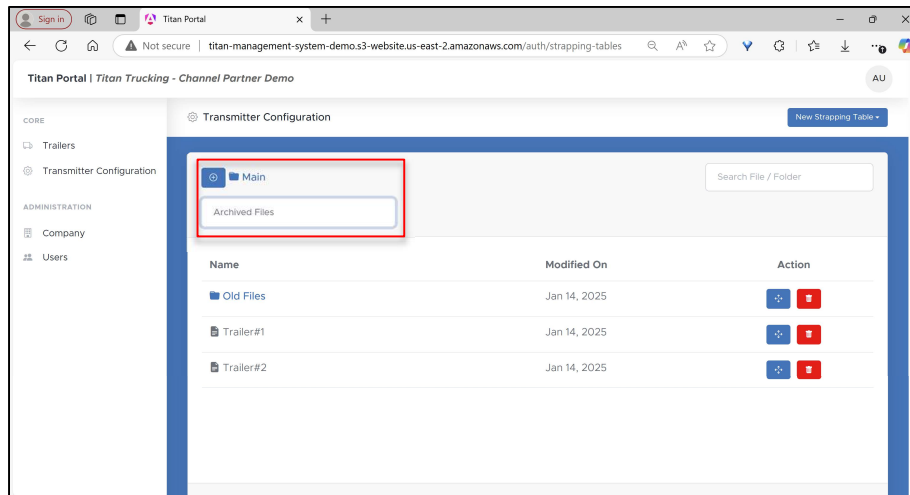
Deleting Files

1. Files and folders can be permanently deleted from Titan Portal.
2. Click the **Delete** button and then click the **Confirm** button to finish deleting the file or folder.



Adding Folders

1. Click the Add Folder button to create additional folders to organize the files.
2. Click  and then type the new folder name in the box and press **Enter**.

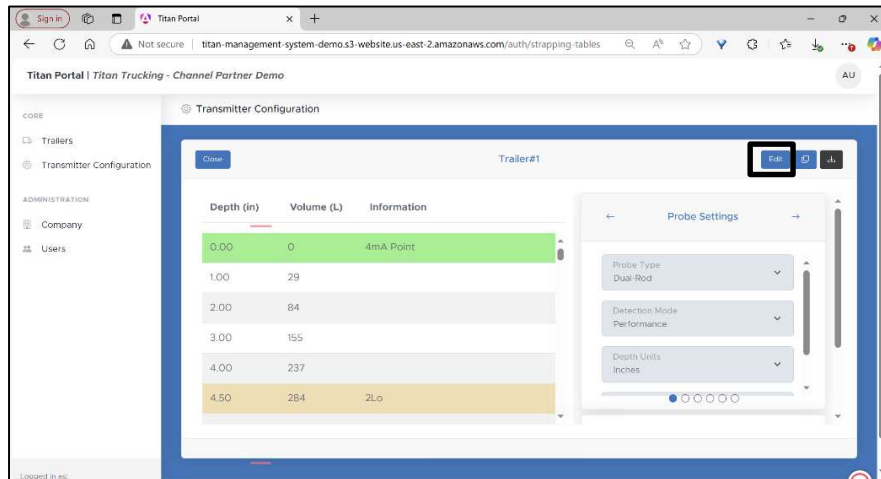


Converting Strapping Table Units

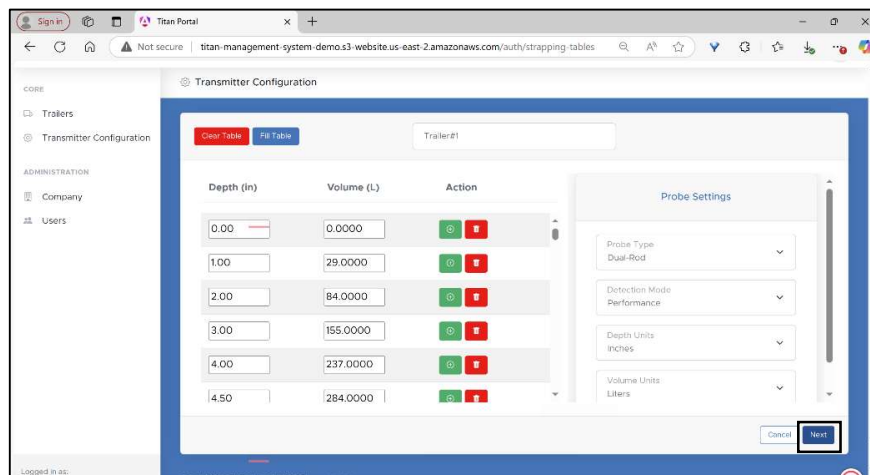
Once a strapping table has been completed, the original depth and volume units may be changed. You may change the units for an existing table or while constructing a new one. The newly converted strapping table can be saved with a different file name.

Converting your units will allow you to view the volume in the unit of measurement you would like to view this in on your FINCH Display.

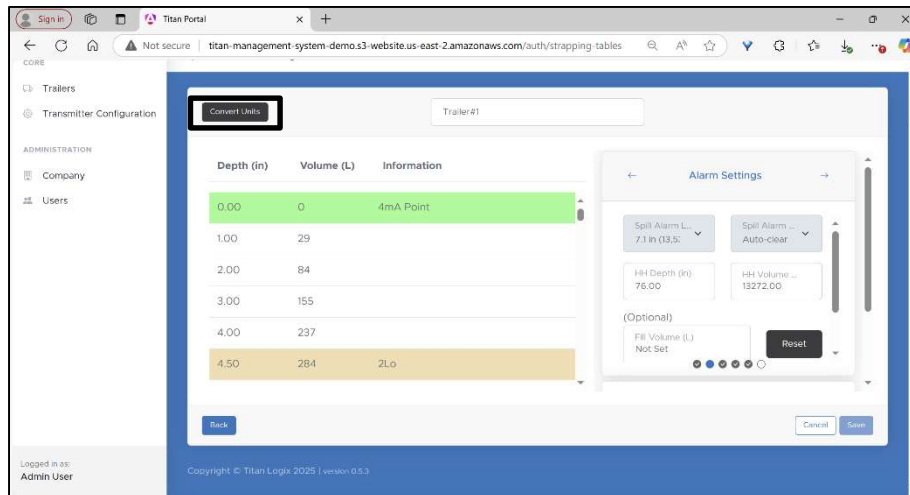
1. Open the strapping table file and then click the **Edit** button.



2. Click the **Next** button.



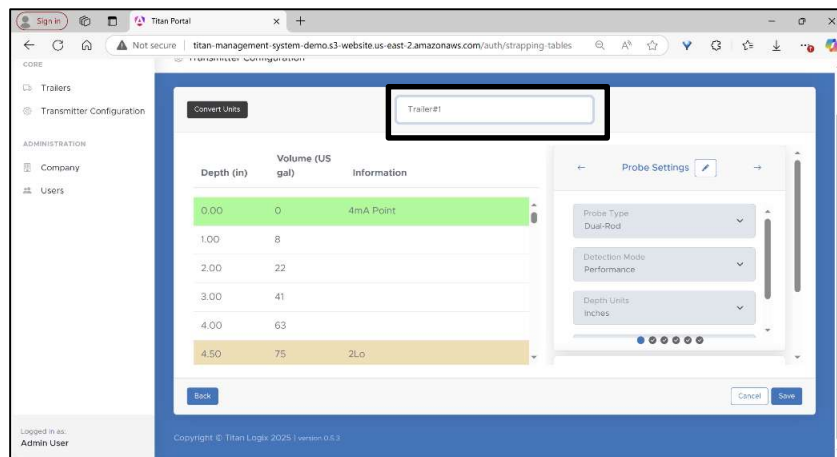
3. Click the **Convert Units** button.



- Select the new depth or volume units from the drop-down menus.

- Click the **Convert** button.
- Review the strapping table settings.

The strapping table file name can be changed.



- Click the **Save** button when finished.

Convert Units

Trailer#

Depth (in)	Volume (US gal)	Information
0.00	0	ArmA Point
1.00	8	
2.00	22	
3.00	41	
4.00	63	
4.50	75	25.0

Probe Settings

Probe Type: Dual-Rod

Detection Mode: Performance

Depth Units: Inches

Back Cancel Save

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APPENDIX: DOCUMENT REVISIONS

Document Version	Release Date	Updates
1.5	February 4, 2026	Various document updates
1.1	July 29, 2026	Separated out Portal and Install into two separate documents, and starting over with the versioning.



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