



TITAN PORTAL & TITAN INSTALL

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.

| | |
|--|---|
| | <p>NOTE</p> <p>Additional resources, troubleshooting articles, and videos are available in the Titan Help Center: help.titanlogix.com</p> |
|--|---|

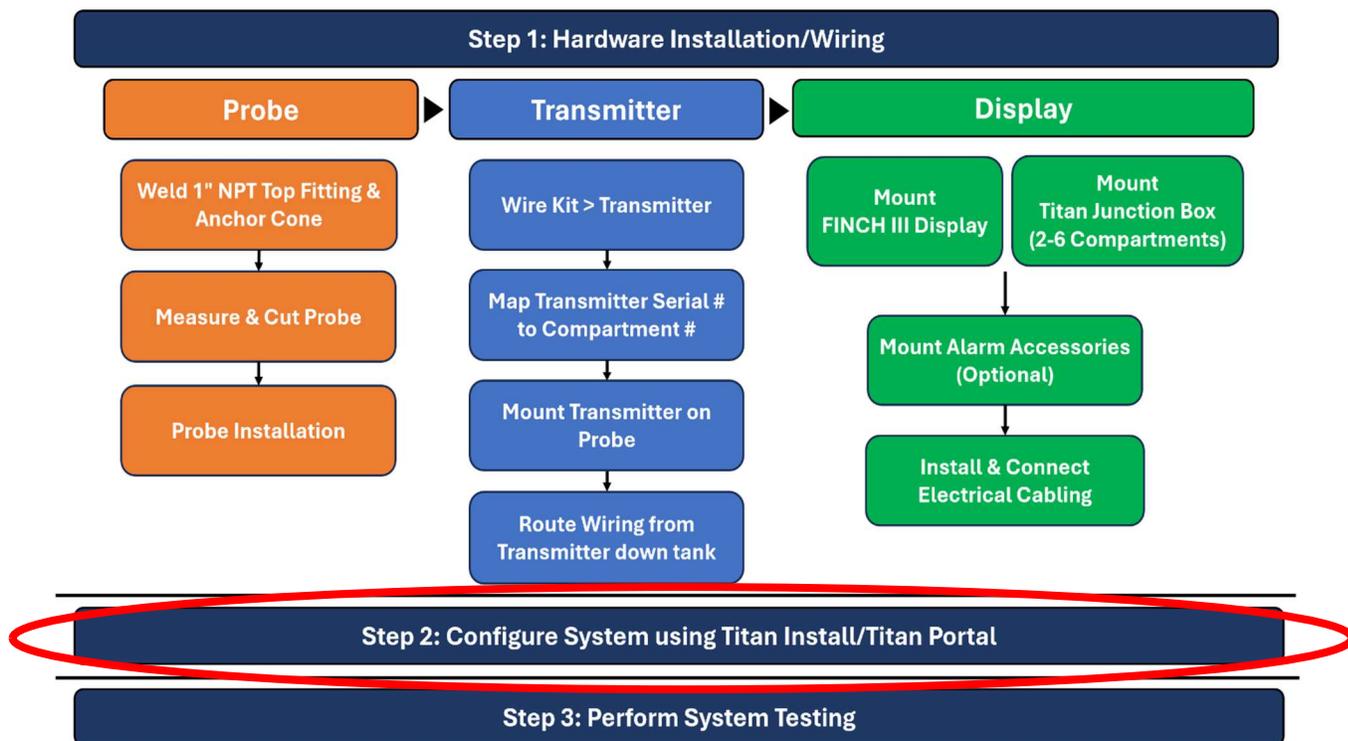
Prerequisites

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.

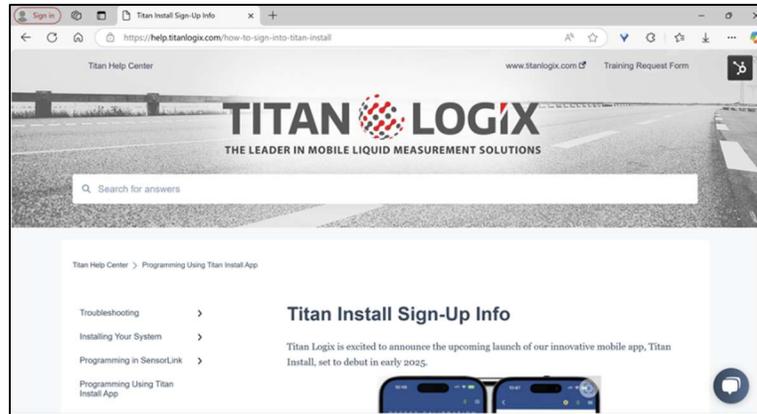
With Titan Install, users can:

- 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 GETTING STARTED

Signing Up for Titan Portal and Install

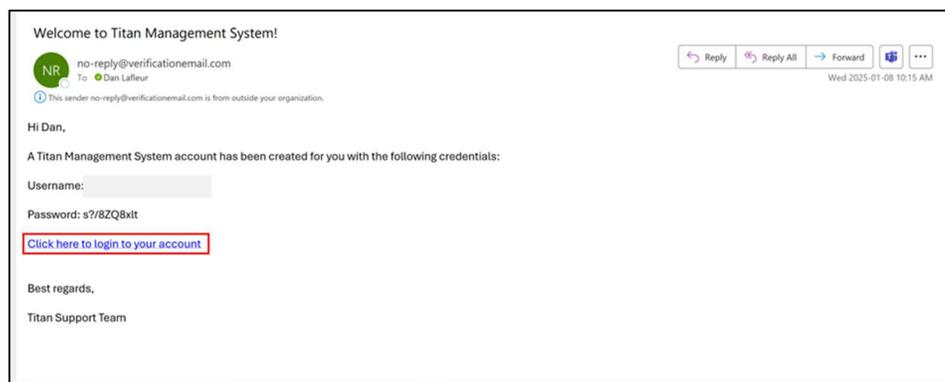
To take advantage of the benefits offered by Titan Portal and Install, fill out the following sign-up form:
<https://help.titanlogix.com/how-to-sign-into-titan-install>



A member of our Customer Success team will reach out to you with further instructions.

Titan Logix creates your company's first Administration user account. Use that username and password to log in.

- All other user accounts can be created by the company's administrator.
 - Newly created users will receive an email containing the login credentials and link to the Titan Portal.
 - In the email, use the provided username and temporary password to login.
1. Click the link below the username and password for the first time you login.

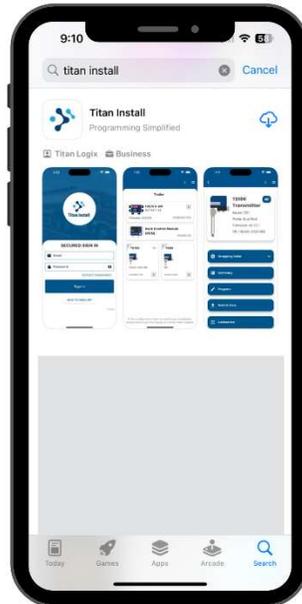


2. After this first-time login, you are prompted to create a permanent password for future logins.
3. Fill out your new password, which is the same password you will use for Titan Install app on your phone.

Downloading Titan Install

Titan Install mobile app can be downloaded to your phone or a table that has access to the Internet.

1. Search for **Titan Install** app from either your Google Play or Apple Store.



Tap the **Install** button to download the app to your phone.

2. Once the app is installed, tap on the Titan Install icon to launch the app.



First Time Login into Titan Install

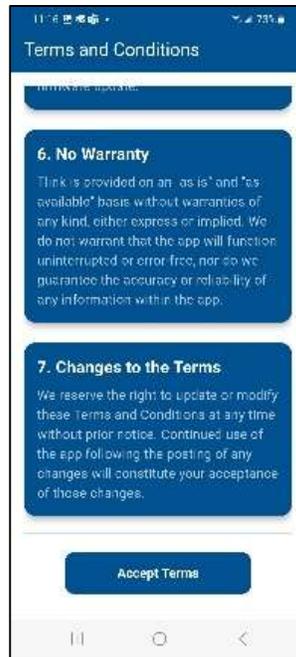
1. On your mobile device, tap the **Titan Install** icon.



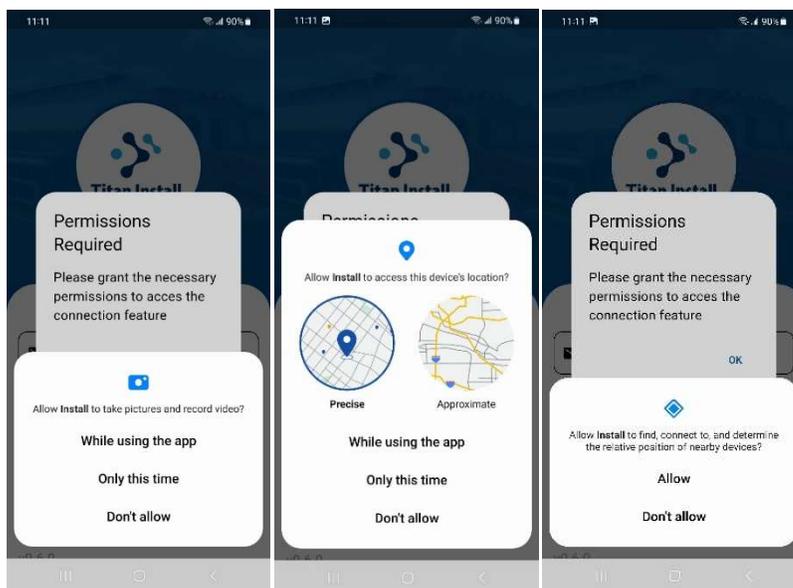
2. Enter your Titan Install username and password.

| | |
|---|---|
|  | <p>TIP This is the same as the Portal username and password.</p> |
|---|---|

3. For first-time login, you are required to read through the Titan Terms and Continues.
4. Tap **Accept Terms** button after reviewing the terms.



5. The first time the app is run, it will request permission such as access to precise GPS location and the camera. Allow the app to access these devices.

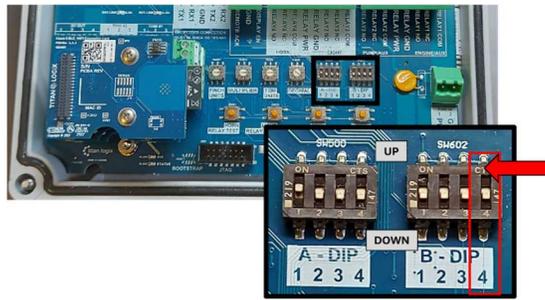


B-DIP Switch: For FINCH II-W/6W Only

The first time a display is connected to Titan Install, the firmware may need to be updated along with an on-screen prompt to set B-DIP switch 4 up or to the ON position. This DIP switch setting is required to enable a connection to the display.



Set B-DIP switch 4 if required. The B-DIP switch 4 must be set to the up or ON position.



3 TITAN INSTALL – INITIAL SETUP (FINCH II-W & FINCH III)

The initial configuration process is a one-time setup which adds your Titan system to your company's Titan Portal account and prepares the FINCH display and transmitters for operation.

| | |
|---|--|
|  | <p>TOTAL TIME 5 minutes per FINCH Display</p> |
|---|--|

Before You Start

- ✓ Titan System properly installed and wired
- ✓ FINCH display powered on
- ✓ Logged into the **Titan Install** app
- ✓ Tank Chart is added to Titan Portal

Step 1 — Scan the FINCH Display

1. Open Titan Install.
2. From the home screen, tap **Scan QR** button.



3. Scan the QR code on the FINCH display.



4. Tap **Connect** from Titan Install.

The app now detects which FINCH model you are working with.

FINCH II-W/6W System (Page 14)



FINCH III System (Page 17)



A. FINCH II-W/6W System Initial Configuration

There are 4 screens to go through to set up your unit.

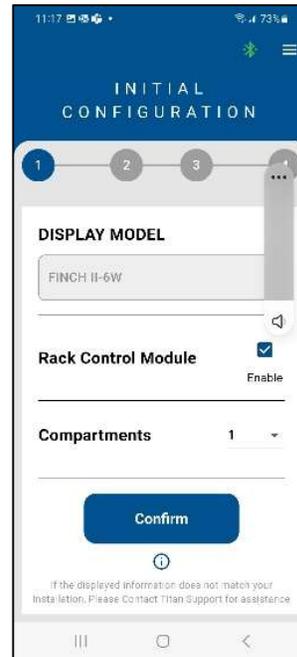
Step 1: Transmitter Count

The trailer will be assigned a generic name. Select how many transmitters are installed.

Tap **Confirm**.

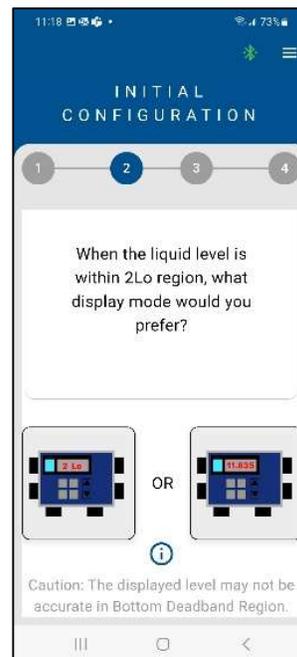
IMPORTANT

If this number does not match the physical system, detection issues will occur later.



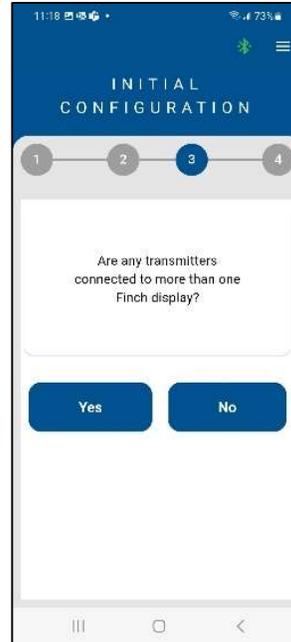
Step 2: 2Lo Display Setting

Select the image for how the 2Lo value will appear on the display.



Step 3: One Transmitter to Multiple FINCH Displays

- Tap **Yes** ONLY if multiple FINCH displays share the same transmitter.
- Otherwise, tap **No**.



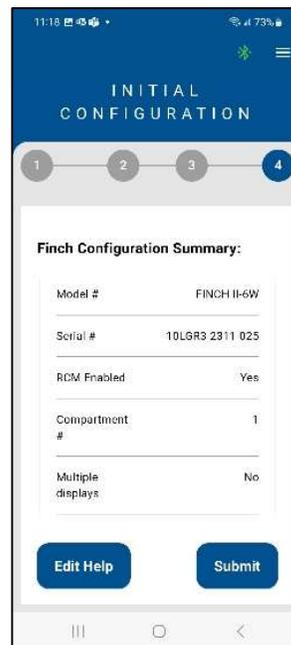
Step 4: Configuration Summary

The final screen shows a summary of the assets installed on the trailer.

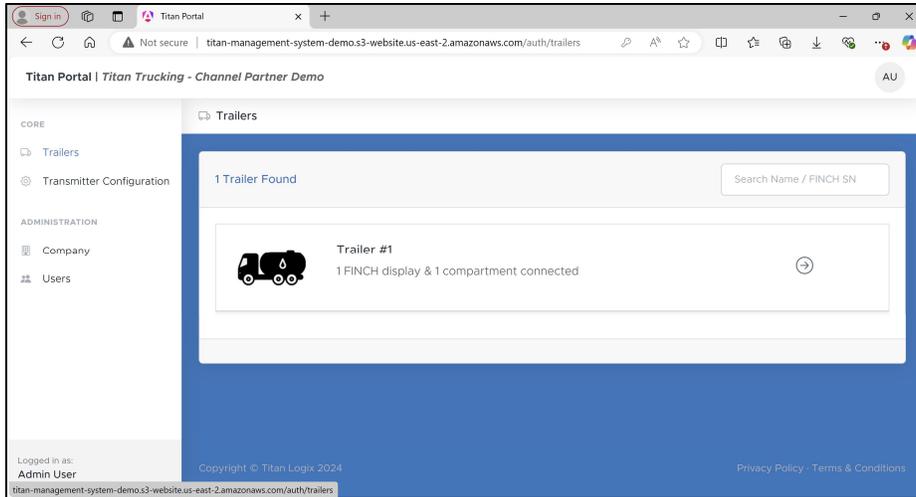
Review:

- Transmitter count
- Display settings

If correct, tap **Submit**.



The newly added system is now added to your company Titan Portal account.



B. FINCH III Initial Configuration

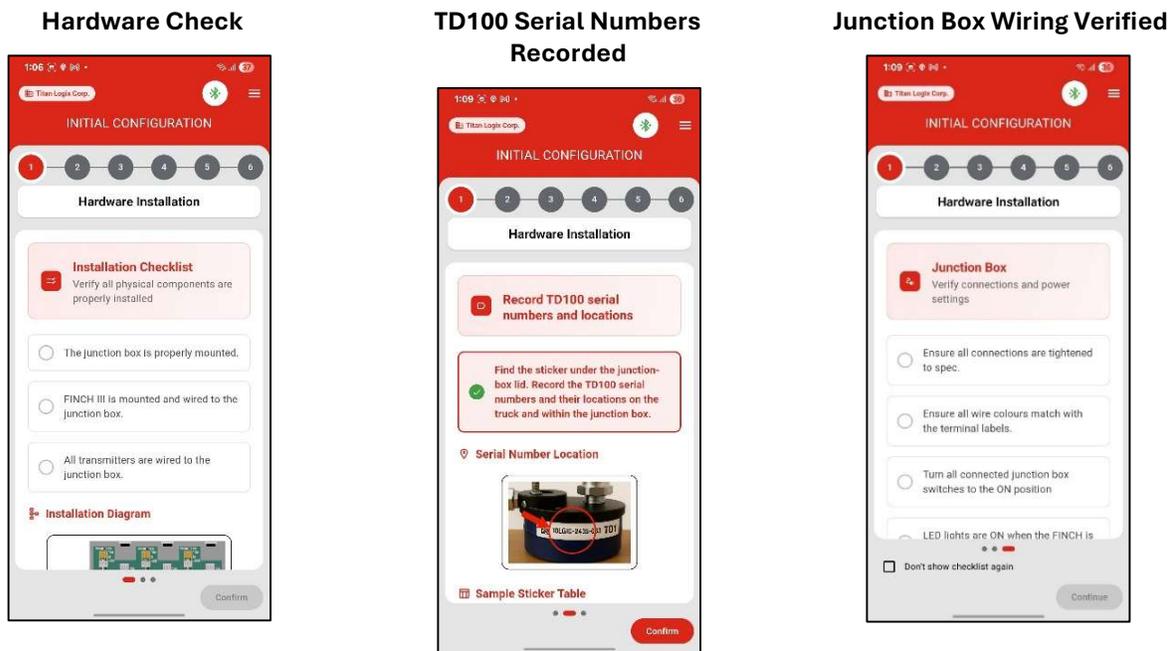
FINCH III includes more setup because it supports compartment mapping and additional features than the FINCH II system. You will complete **6 screens**.

Step 1: Installation Checklist

Tap all the check boxes to confirm all hardware is properly installed.

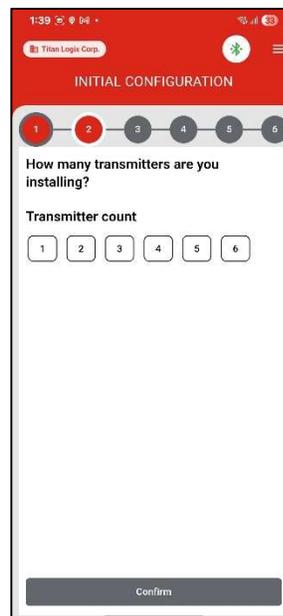
- ✓ Hardware check complete
- ✓ TD100 serial numbers recorded
- ✓ Junction box wiring verified

Tap **Confirm** at the bottom of the screen to continue.



Step 2: Transmitter Count Confirmation

Tap the number of transmitters your unit has.

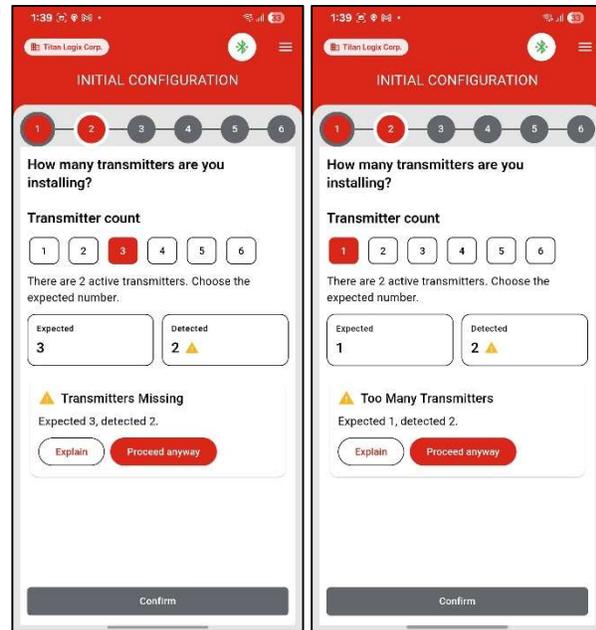


Selecting Incorrect Number of Transmitters

If the incorrect number of transmitters are selected from what the app has detected, either a “Transmitters Missing” or “Too Many Transmitters” screen appears.

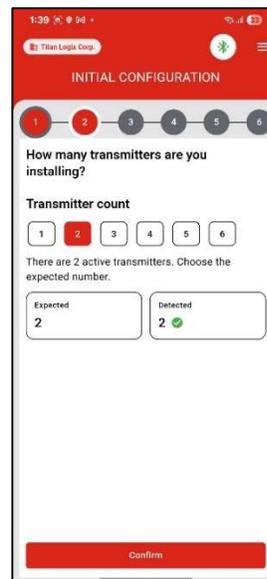
This means there is a mismatch, and it needs to be troubleshooted.

- Tap the **Explain** button to find out how to troubleshoot this issue.
- Tap the **Proceed anyway** button to bypass this screen.



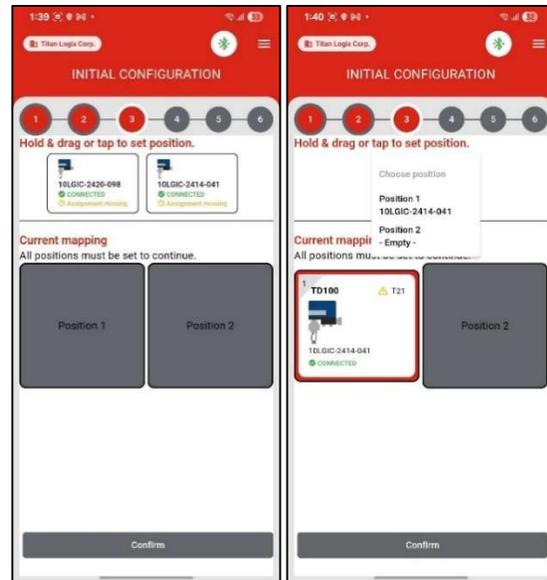
Selecting Correct Number of Transmitters

- If the selected number is equal to what the app has detected, a green check mark is displayed and **Confirm** button is enabled.
- Tap the **Confirm** button to continue.



Step 3: Compartment Mapping

- You can use either the “Hold & Drag” or “Tap” option to assign the transmitters to their corresponding positions or “compartments” in the trailer
- These tiles can be positioned anywhere. Maximum 6 compartments can be assigned to one FINCH III display.



- Once the transmitter tiles are positioned correctly, tap the **Confirm** button.



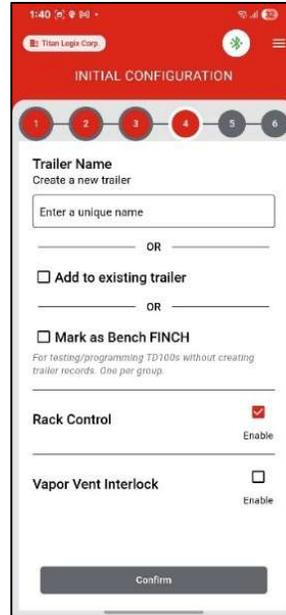
Step 4: Trailer Assignment

- Trailer Name

Optional Settings:

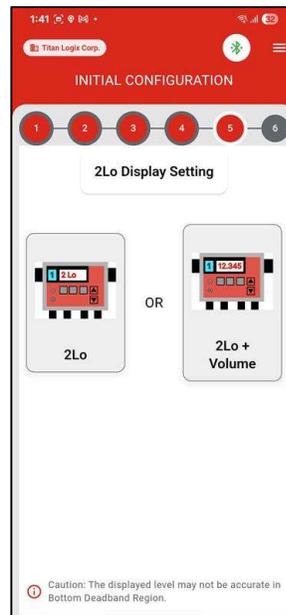
- Add to Existing Trailer
- Mark as Bench FINCH
- Rack Control
- Vapor Vent Interlock

Tap **Confirm** to continue.



Step 5: 2Lo Display Setting

- Select how you want your 2Lo display value to appear.
- Select the desired outcome to continue.

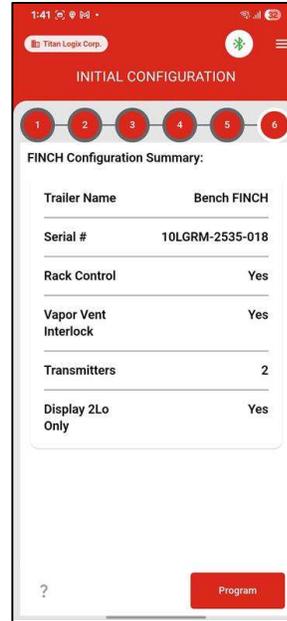


Step 6: Configuration Summary

This screen shows the trailer name and the hardware attached to the system.

- Tap **Program** to complete the initial configuration.

The newly added system is now added to your company Titan Portal account.



Common Installer Mistakes

The below items lead to most common issues during initial configuration.

- ✘ Selecting the wrong transmitter count
- ✘ Mapping compartments incorrectly
- ✘ Skipping hardware checklist

What Happens Next?

After the initial configuration:

- ▶ Program each transmitter with the correct strapping table (Page 23)
- ▶ Verify volume readings
- ▶ Confirm no errors

4 TITAN INSTALL – TRANSMITTER SETTINGS

Titan Install allows you to **view, program, calibrate, and save transmitter data** directly from a mobile device — no programming cables, adapters, or laptops required.

After connecting to a system through the FINCH display, you can access each transmitter individually to manage its configuration.

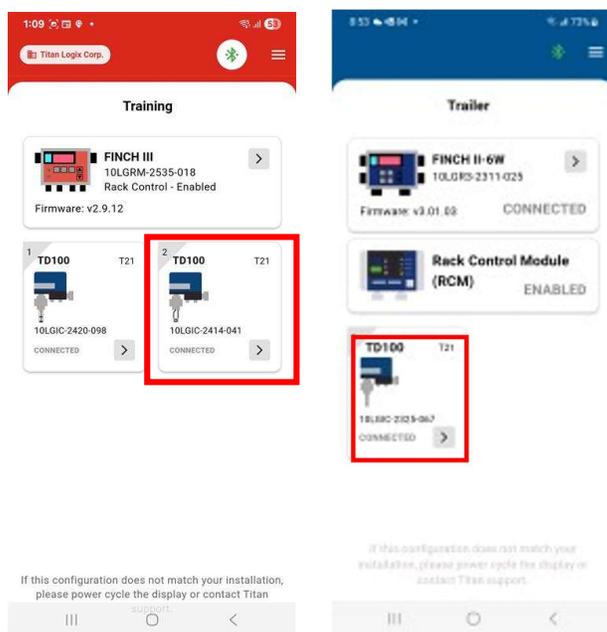
| | |
|--|---|
| | <p>TOTAL TIME</p> <p>5 - 8 minutes per Transmitter (Less time for FINCH III Systems)</p> |
|--|---|

Before You Start

- ✓ Titan System properly installed and wired
- ✓ FINCH display powered on
- ✓ Logged into the **Titan Install** app
- ✓ Correct Tank Chart is added to Titan Portal

Step 1 — Selecting a Transmitter

1. Connect to the system through the FINCH display in Titan Install.
2. From the main screen, tap the **transmitter tile (TD100 icon)** you want to work on.

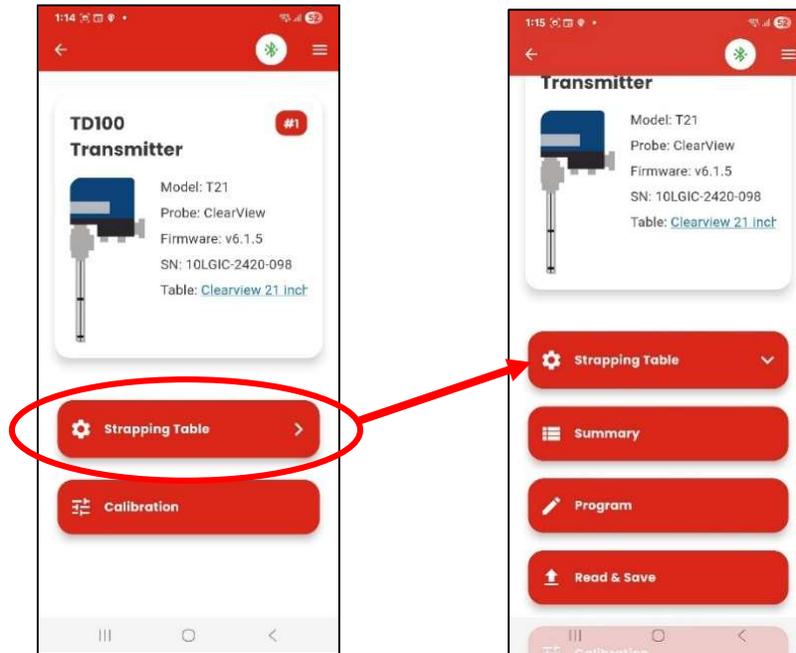


The transmitter screen displays key details and provides two main options:

- **Strapping Table**
- **Calibration**

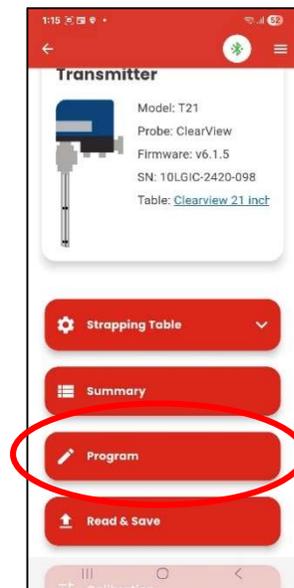
Strapping Table Functions

1. Tap **Strapping Table** to expand available options:
 - **Program** a strapping table to the transmitter (**Page 23**)
 - **Read & Save** the strapping table from the transmitter (**Page 27**)
 - **View Current Configuration** (**Page 26**)



Programming Your Transmitter

1. Tap the **Program** button to begin the programming process.



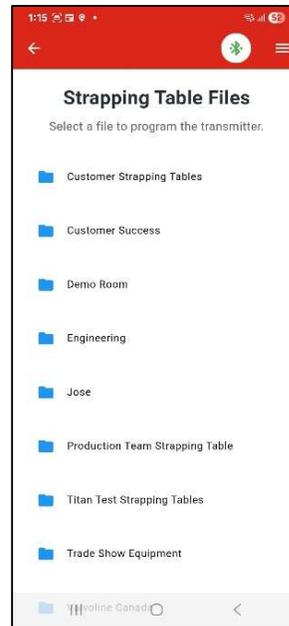
The Strapping Table Files page appears.

2. Navigate through the folder structure and select the appropriate strapping table for this transmitter.

Files are organized based on how they were created in the Titan Portal.

IMPORTANT

Make sure the correct strapping table is added to your Titan Portal account before completing this step. Refer to (Page 57) for setup details.

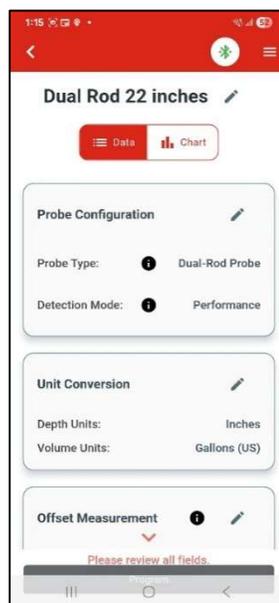


Once selected, you can review and adjust any configuration parameters as needed.

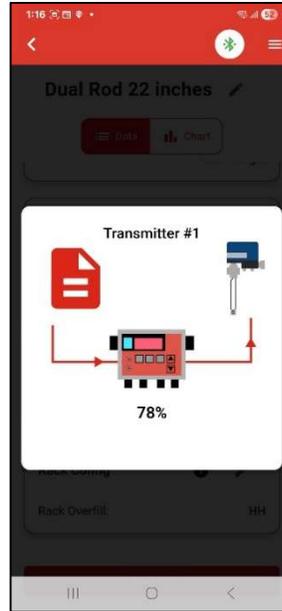
Be sure to scroll through all available settings to confirm that everything matches your specific setup.

Tap the **Chart View** button at the top of the screen to visually confirm alarm setpoints and other volume-related configurations before programming.

- Review the settings. Each setting may be modified and saved to the file before programming. You may also create a new file by changing its name.
- Tap the **Program** button to program the transmitter with the selected file and settings.

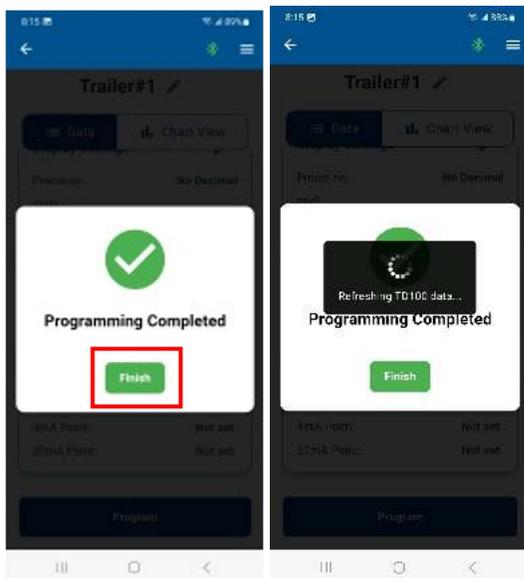


- Programming takes about 4–5 minutes, depending on the FINCH display. FINCH III takes less time to program.
- The progress is shown on-screen, and the system will restart automatically when completed.



For FINCH II-W/6W Displays

3. Tap the Finish button to complete the programming process and return to the Strapping Table menu.



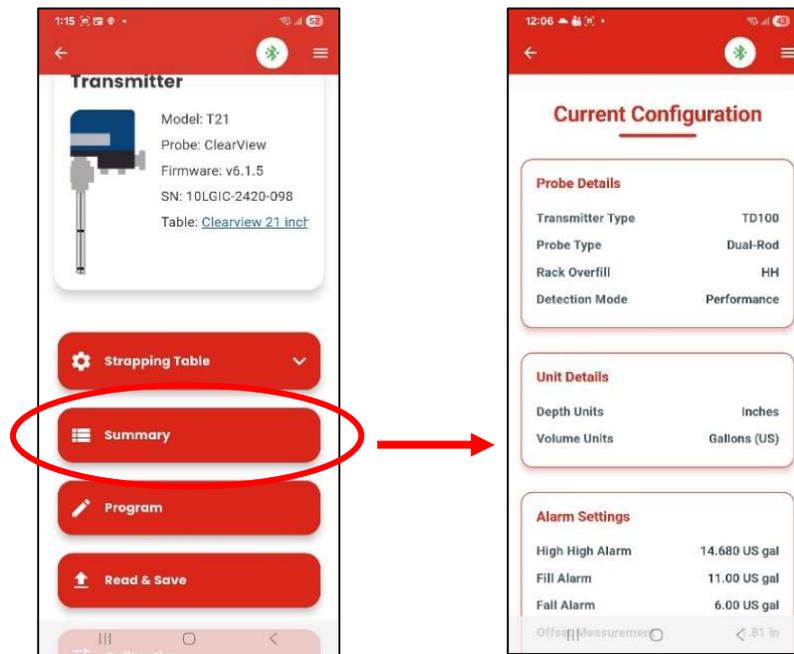
4. The other Strapping Table menu options allow the mechanic to review the transmitter's current configuration and to read the strapping table from a transmitter to save it in Titan Portal.

Viewing Transmitter Current Configuration

This feature allows you to view the selected transmitter's configuration. The configuration screen includes:

- Probe details
- Depth and volume unit details
- Alarm settings

1. From the home screen, tap the TD100 tile to review.
2. Tap the **Summary** button to review key parameters of the current strapping table, including probe details, unit selection, and alarm settings.



The Current Configuration page appears. This is a read-only view of what is programmed on your transmitter.

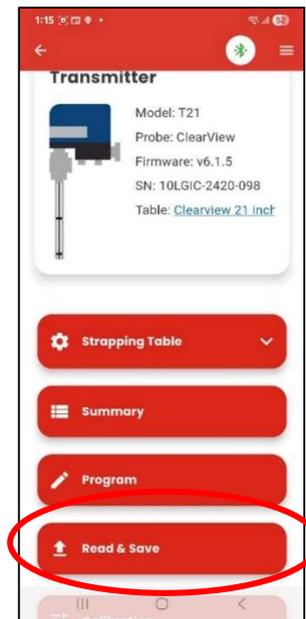
3. You need to go back to select the **Program** button to make any changes to your transmitter.
4. Click the back arrow to go back to the previous screen.

Read/Save Strapping Table to Titan Portal

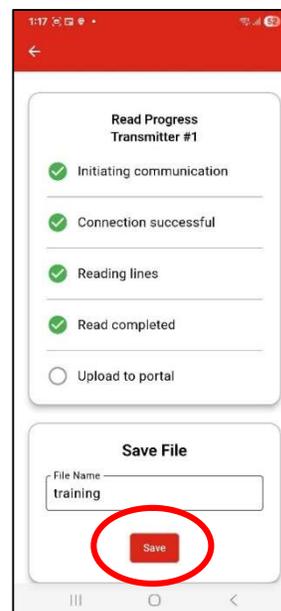
Titan Install can read the available parameters and display progress of your strapping tables programmed on your transmitters and upload this information to your Titan Portal account.

| | |
|---|---|
|  | <p>NOTE</p> <p>FINCH II-W/6W displays also allow you to save a read only version of a TD80 transmitter to Titan Portal.</p> <p>FINCH III displays do NOT support TD80 transmitters at all.</p> |
|---|---|

- To copy the current strapping table from your transmitter, tap the **Read & Save** button.
 - The app will read all available parameters and display progress. Reading time depends on the size of the table.

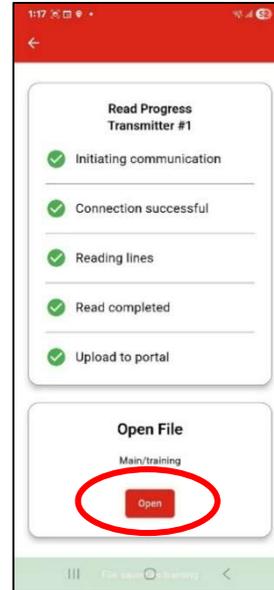


- Once the reading is complete, assign a unique name to the strapping table and tap **Save** to store it in your Titan Portal account.



3. Tap the **Open** button to view the strapping table in Titan Install.

After saving, you can open and edit the strapping table. All changes will be saved directly to Titan Portal.

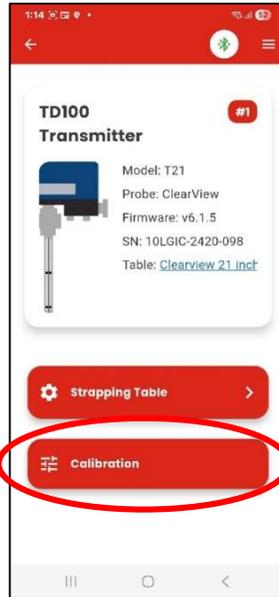


Manual Calibration

Calibration is only allowed if the Measured Volume is within 6% of tank capacity; beyond that, the app blocks the process and prompts TD100 reprogramming with a more accurate strapping table. Titan recommends completing these steps for optimal accuracy.

Titan recommends completing these steps for optimal accuracy.

1. On the TD100 screen, tap the **Calibration** button to begin the manual Calibration process.



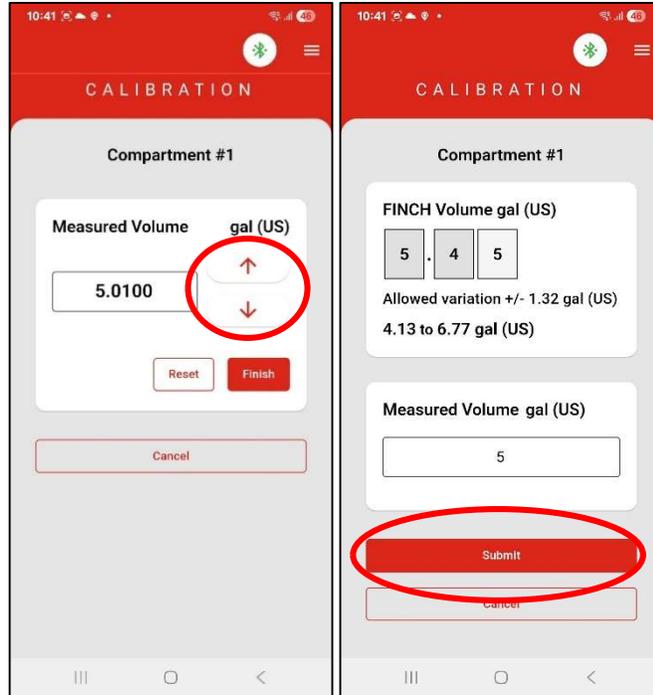
The following message appears letting you know that any existing calibration values will be reset.

2. Tap **Yes** to continue.



3. Use the up/down arrows to fine-tune the reading. Tap Finish to update the value.
4. Once the Measured Volume is within range and you are good with the new amount, tap **Submit**.

When complete, the app saves the new values.

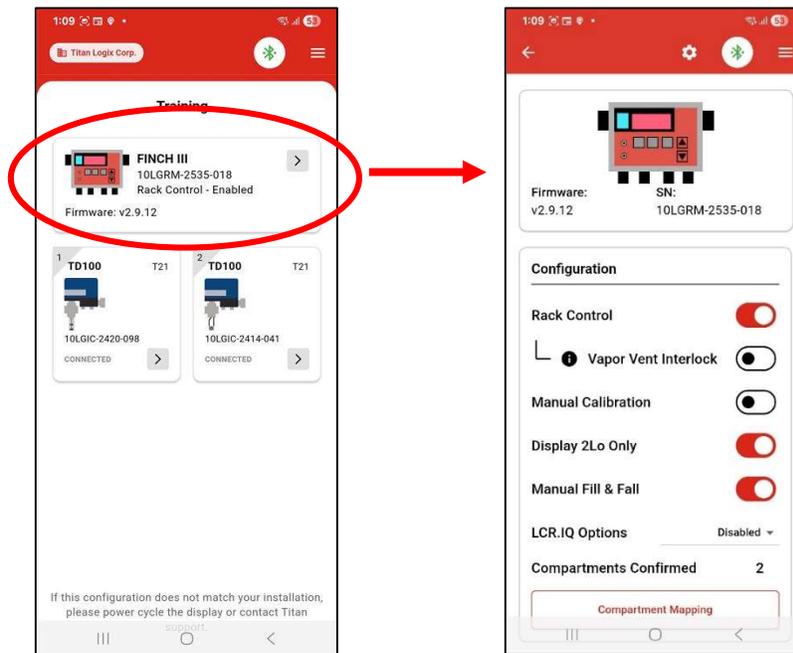


5 TITAN INSTALL - DISPLAY SETTINGS

FINCH Display Settings Overview

From the main screen, tap the FINCH box to modify configuration settings. Users can update any parameters selected during the initial setup.

Note: Refer to Permissions (Page 51) for more information on who would have permission to make these updates.



Update any of the FINCH Configuration options that are listed below.

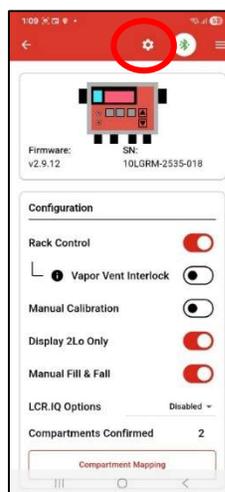
1. Tap the toggle button next to each configuration setting to update one of the settings.
 - If a toggle is blue/red, the option is enabled on the FINCH display.
 - If white, changes can only be made through the app by authorized users.
2. Tap the **Submit** button.

These updates are also saved to your Titan Portal account for this unit.

Accessing Advanced Settings

Tap the **gear icon** on the FINCH screen to access:

- **Alarm Relay Mapping:** Page 32
- **Pup Pump Shutoff Configuration:** Page 36



Alarm Relay Mapping

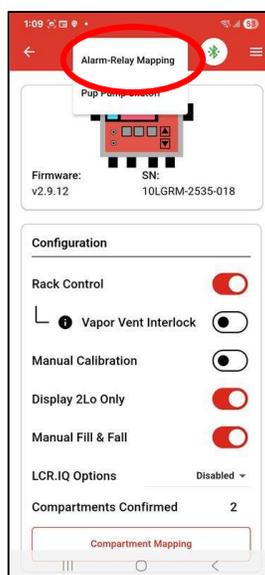
FINCH II-W/6W and FINCH III displays are shipped from the factory with alarm relay settings that are appropriate for most installations. These settings can be changed after installation by using the Titan Install app. Permission to change alarm-relay mapping is managed through Titan Portal.

FINCH II-W/6W and FINCH III displays ship with factory relay settings suitable for most installations. However, relay behavior can be modified using Titan Install when system wiring or operational requirements differ.

| | | |
|--|-------------------------|--|
| | <p>IMPORTANT</p> | <p>Incorrect relay configuration can lead to unsafe conditions, including spills. Only trained personnel should change these settings. User permission to modify relay mapping is controlled in Titan Portal. See (Page 51) for more info.</p> |
|--|-------------------------|--|

Once the mechanic has logged into the app and scanned the display, the alarm relay mapping may be changed.

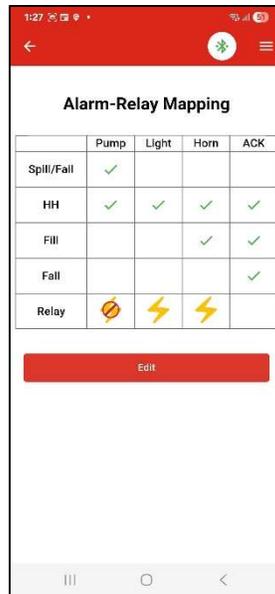
1. From the home screen, tap the **FINCH display** tile.
2. Tap the **gear** icon from the FINCH screen and select the **Alarm-Relay Mapping** option from the pop-up.



The Alarm Relay Mapping configuration summary page appears.

3. Tap the **Edit** button to make any changes to the Alarm-Relay Mapping for your system.

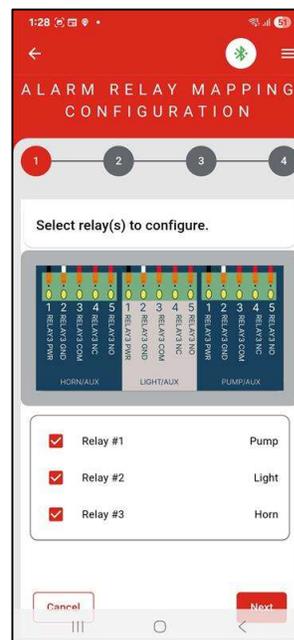
| | | |
|--|--------------------|--|
| | <p>NOTE</p> | <p>There are 3 relays in FINCH III, and 4 relays in FINCH II-W displays.</p> |
|--|--------------------|--|



The next 4 screens allow you to review each relay setting and make changes. Tap the Next button to proceed through the screens.

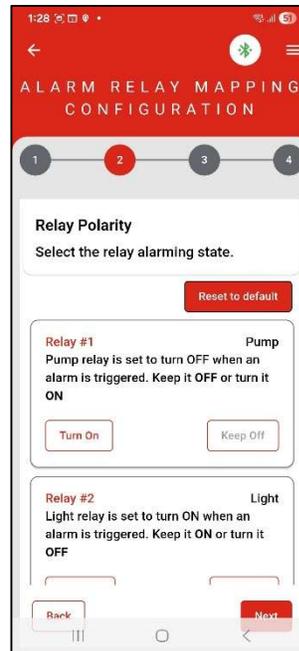
Step 1: Configuration

- Only select relays that are physically wired to the device—unselected relays will retain their default behavior (e.g., select the Pump relay only if it is wired to a pump)
- Tap **Next** button to continue.



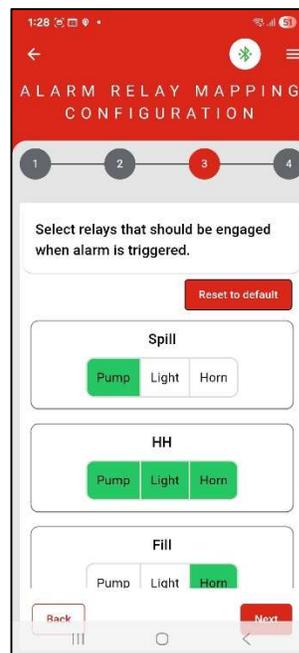
Step 2: Relay Polarity

- Carefully review all relay polarity descriptions.
- Incorrect settings may result in serious issues like spills.
- Tap **Next** button to continue.



Step 3: Alarm Mapping

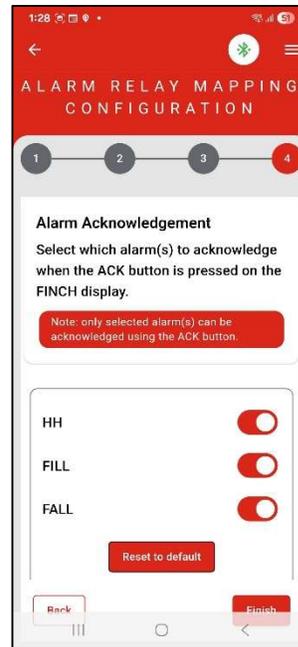
- Assign alarm behaviors to each selected relay based on system requirements.
- Ensure mapping matches your wiring and safety design.
- Tap **Next** button to continue.



Step 4: Alarm Acknowledgement

- Choose which alarms can be acknowledged using the **ACK button** on the FINCH front panel. The **SPILL** alarm cannot be acknowledged.
- Tap the **Finish** button when everything has been selected.

The updates made in Titan Install are now saved to your Titan Portal account.



Pup Trailer Shutoff

The Pup Pump Shutoff feature enables the lead trailer's FINCH display to control the onboard pump, automatically stopping loading if any connected compartment reaches an overfill condition, regardless of the display.

From the FINCH page, select the gear icon and select **Pup Pump Shutoff**.



The next 3 screens allow you to review the pump settings and make any necessary changes.

Step 1: Pup Trailer Configuration

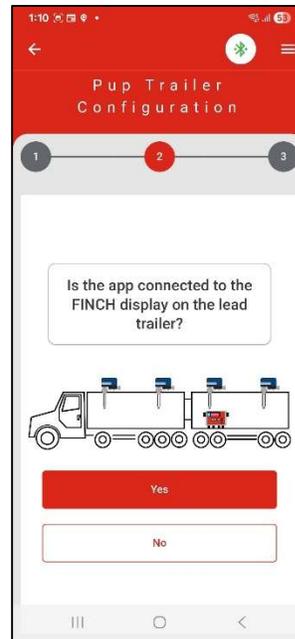
- Tap the **Yes** button if the lead and pup trailers have separate FINCH displays wired together with a pump shutdown loop.
- Tap the **No** button to return to the main screen.



Step 2: Pup Trailer Configuration

You must be connected to the lead trailer's FINCH; if not, disconnect the app and connect to the lead FINCH display.

- Tap the **Yes** button if you have scanned the FINCH Display from the lead trailer.
- Tap the **No** button to return to the main screen.



Step 3: Pup Trailer Configuration

The lead FINCH display can control the pump, stopping the pump if any connected compartment overfills. (Previous DIP-B2 Setting)

- Tap the **Yes** button if you want the lead FINCH display to control the pump for both displays.
- Tap the **No** button to return to the main screen.



6 TITAN INSTALL – FIRMWARE UPDATES

Updating TD100 & FINCH Firmware

Titan Install can update both your Transmitter and FINCH display firmware for feature improvements. No programming cables are required.

The first time a display is connected to Titan Install, the app may prompt for a required firmware update before proceeding.

1. For routine firmware update checks and updating:
2. Tap the 3-line icon in the upper right corner of the screen.



3. Tap Firmware Updates.



4. Titan Install will check the firmware versions and check for updates. When updates are not required, tap Dismiss to return to the menu.



- When firmware update is required, Titan Install will guide you through the process. Follow all the on-screen prompts and observe the warnings.

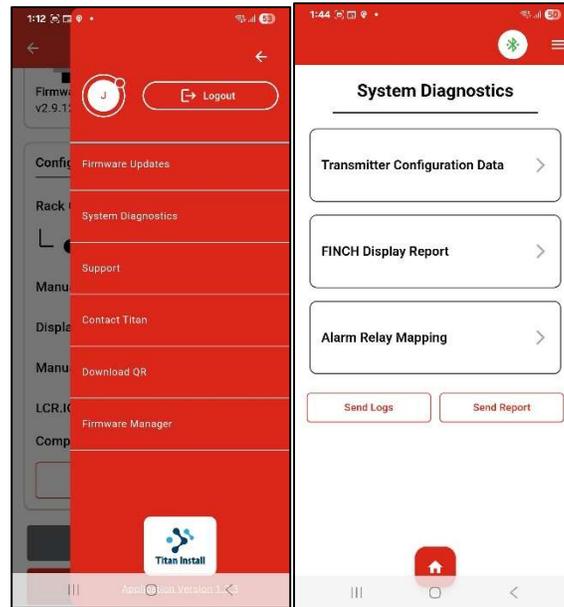


7 TITAN INSTALL – DIAGNOSTICS

System Diagnostics

System Diagnostics acts like an X-ray for your Titan system, providing a detailed view of hardware configurations that can be shared with Titan Customer Support.

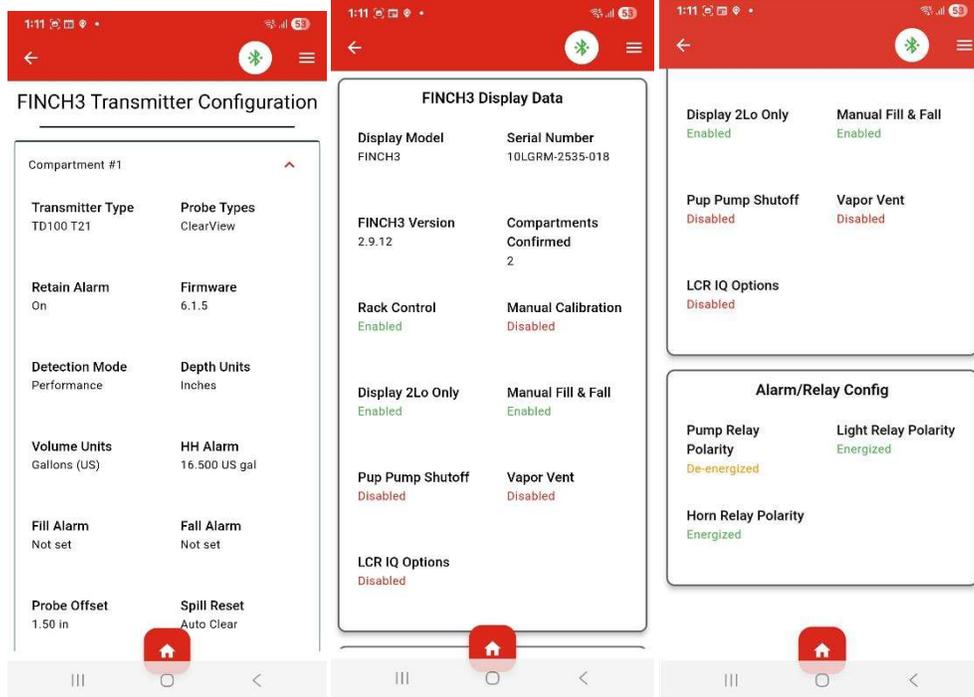
To send this information directly to the support team, tap **Send Report**—this will automatically email the diagnostic reports to Titan Customer Success.



Reports Included:

- Transmitter Configuration Data
- FINCH Display Report
- Alarm Relay Mapping
- Initial Configuration Report

Note: These are read-only reports, meaning no parameters can be edited from these screens.



Alarm-Relay Mapping

| | Pump | Light | Horn | ACK |
|------------|------|-------|------|-----|
| Spill/Fail | ✓ | | | |
| HH | ✓ | ✓ | ✓ | ✓ |
| Fill | | | ✓ | ✓ |
| Fall | | | | ✓ |
| Relay | ⚡ | ⚡ | ⚡ | |



Send Troubleshooting Reports to the Titan Service Team

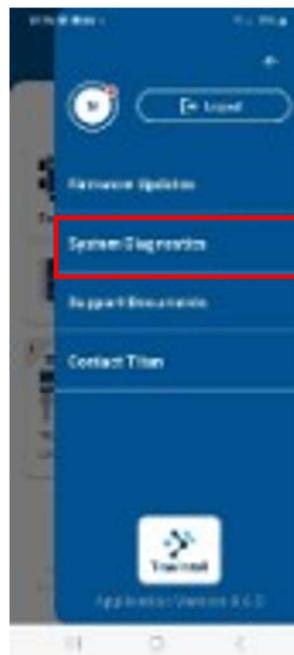
Once Titan Install is connected to a FINCH II display, a mechanic may send a Systems Diagnostics report to Titan's Service team. The report is a valuable troubleshooting tool. It informs the Service tech and mechanic of the current state of the TD100 system's configuration in a single and comprehensive report.

A mechanic can also view the System Diagnostics information without sending a report.

1. Tap the 3-line icon in the upper right corner of the screen.



2. Then tap System Diagnostics.



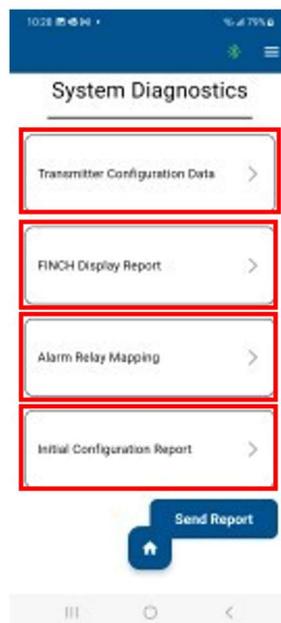
3. Tap the **Send Report** button.



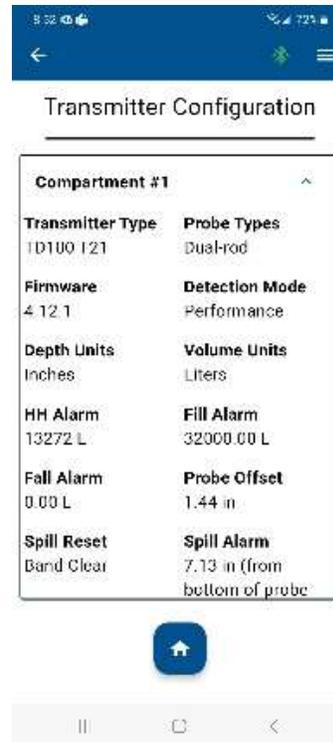
The report contains essential information that will assist in troubleshooting a system such as:

- number of transmitters and their configuration
- FINCH II display configuration
- alarm relay mapping
- the initial configuration

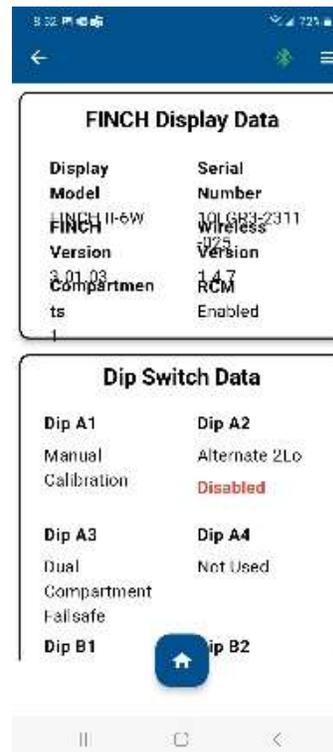
4. Tap each section to view the diagnostic information without sending a report.



Transmitter Configuration Data displays essential information for each transmitter installed on the trailer.



FINCH Display Report shows essential information about the display settings.



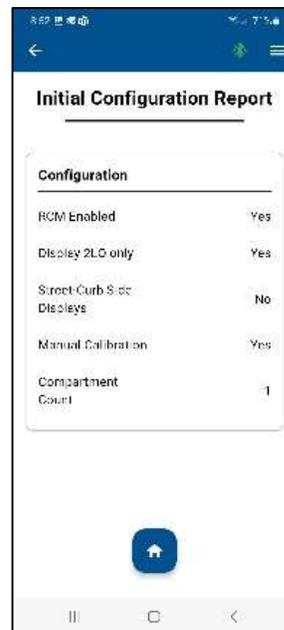
Alarm Relay Mapping displays the alarm and relay settings. Changing these settings is controlled by the user's permissions in Titan Portal.

The alarm relay mapping may also be altered from this screen when permitted by the company's administrator.



Initial Configuration Report shows how the display was configured when scanned for the first time.

Tap the **Home** icon to return to the home screen.

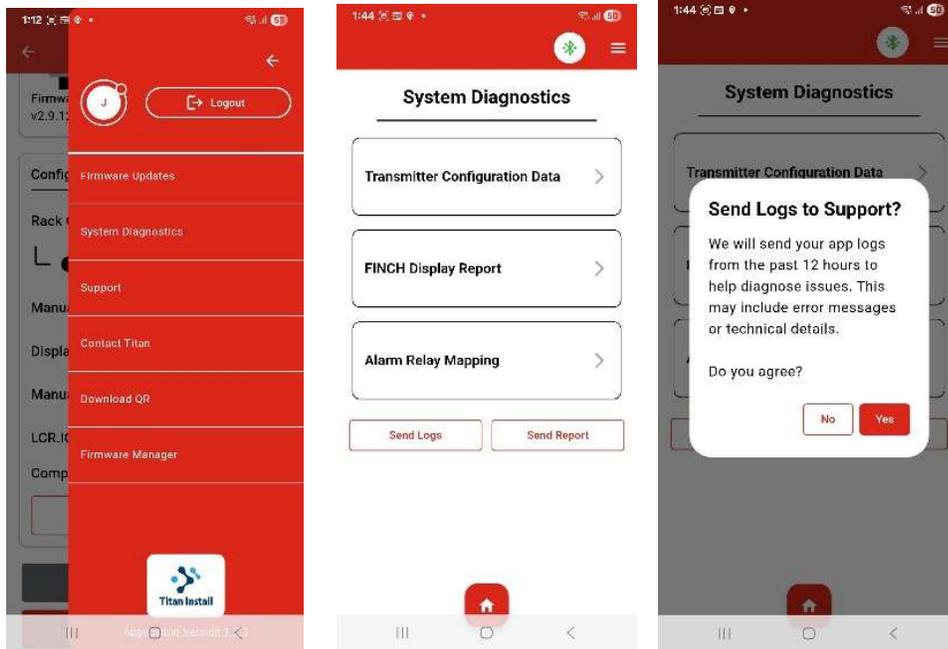


Sending Logs for Troubleshooting

Tap System Diagnostics from the hamburger menu.

The Send Logs feature should only be used when advised by Titan Customer Success team.

This feature shares app activity from the past 12 hours to help diagnose issues in the field.



8 TITAN PORTAL

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.

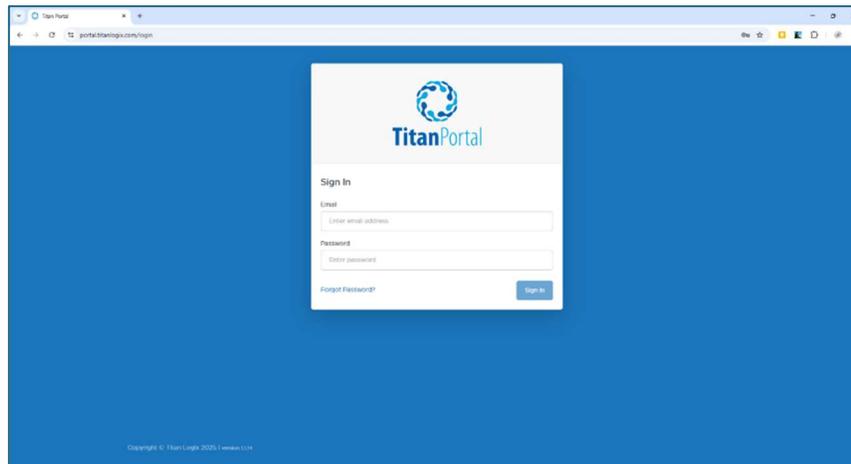
Mechanic role accounts are created by the company administrator (Admin).

| User Role in Titan Portal | Description |
|---------------------------|--|
| Administrator | <p>Administrators manage the company's Titan Portal account, including users, permissions, assets, and files. At least one Admin account is required per company.</p> <p>The following functions are what Administrators can do within Titan Portal:</p> <ul style="list-style-type: none"> • 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 | <p>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.</p> <ul style="list-style-type: none"> • 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. |

| | |
|---|---|
|  | <p>NOTE</p> <ul style="list-style-type: none"> • 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

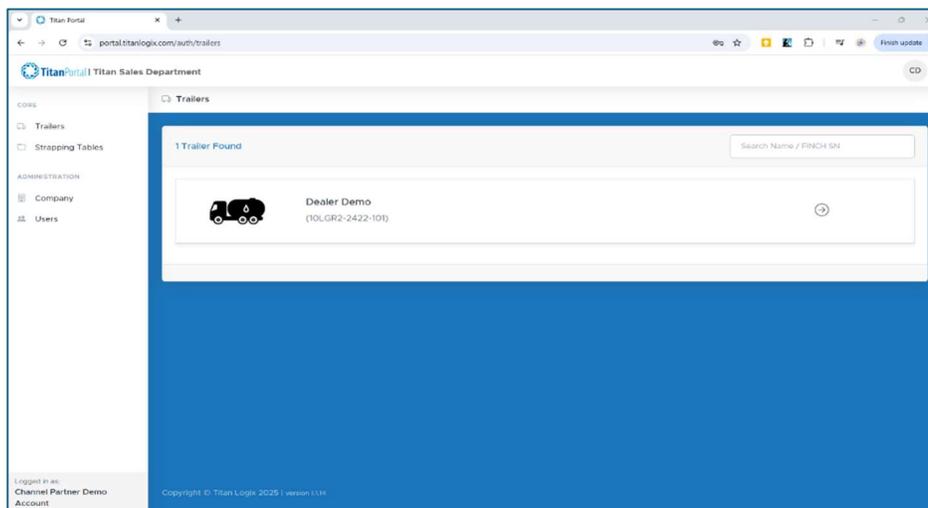
1. Open an internet browser on a computer, tablet, or mobile device.
2. Navigate to <http://portal.titanlogix.com>.



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

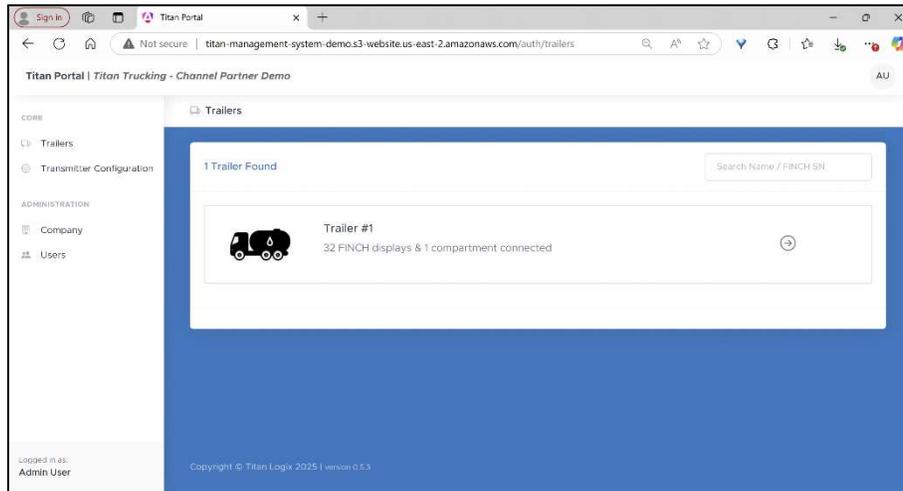
After login, the Trailers screen appears. This is Titan Portal's home screen.

| | |
|--|---|
|  | <p>NOTE</p> <p>Trailers can only be added by scanning the QR code on the FINCH display using an account associated with the same company.</p> |
|--|---|



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.

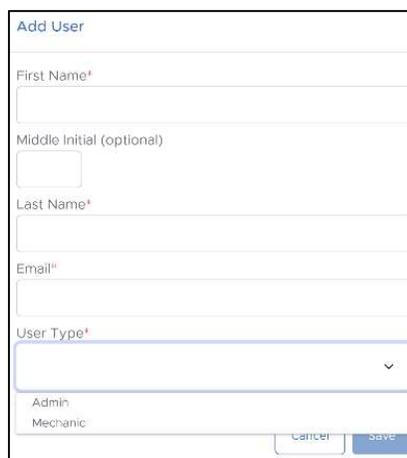
2. Click the **Add User** button in the upper right corner.

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 and controls:

- First Name***: A text input field.
- Middle Initial (optional)**: A text input field.
- Last Name***: A text input field.
- Email***: A text input field.
- User Type***: A dropdown menu with a downward arrow. The visible options are "Admin" and "Mechanic".
- At the bottom right, there 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.

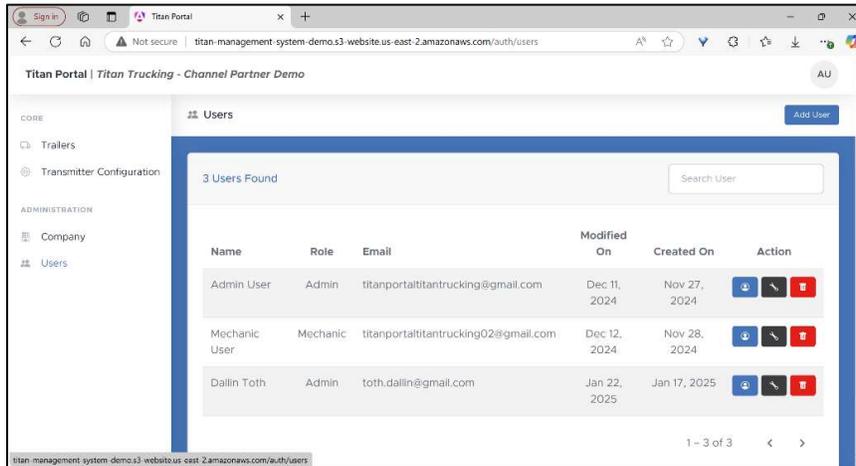
Assigning Permissions to Users

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.

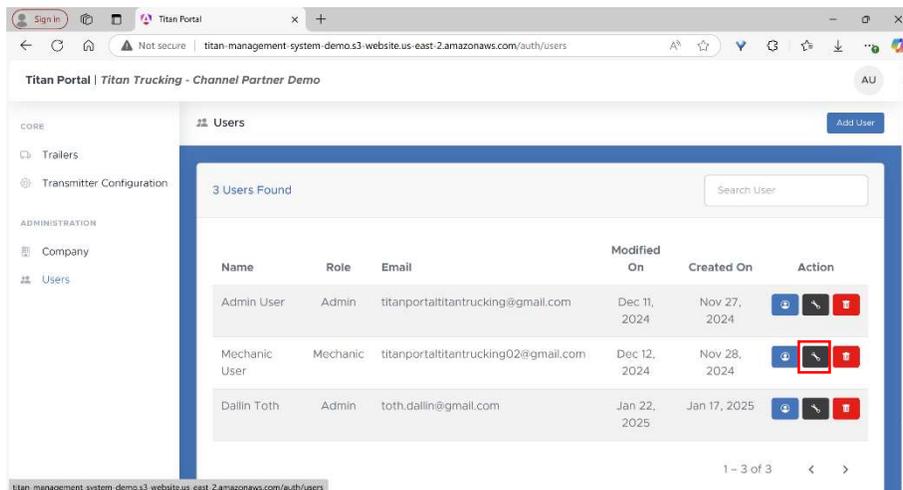
Permissions determine what an administrator or mechanic is allowed to work on while installing or repairing a TD100 system. These permissions can be modified by an administrator at any time when needed.

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

Edit User Permissions

Titan Install Permissions

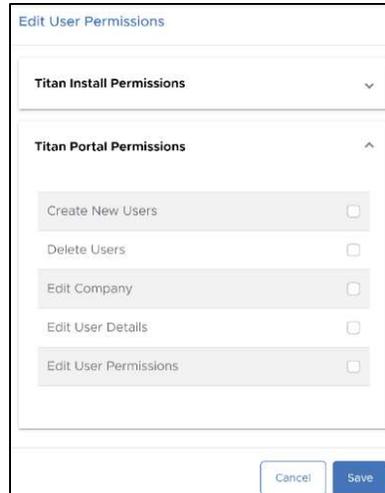
- Alarm Relay Mapping
- FINCH Basic Configuration
- Calibration via FINCH display
- Calibration via Titan Install app
- Pup Pump Setting
- Street Side Plus Curb Side

Titan Portal Permissions

| Permissions | Description |
|-----------------------------------|--|
| Alarm Relay Mapping | Allow/Deny changing the FINCH Alarm Relay Mapping. Refer to Page 32 for more information. |
| 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. Refer to Page 31 for more information. |
| Calibration via FINCH display | Allow/Deny performing a TD100 calibration from the FINCH display's buttons. Refer to Page 29 for more information. |
| 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. Refer to Page 36 for more information. |
| 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. |

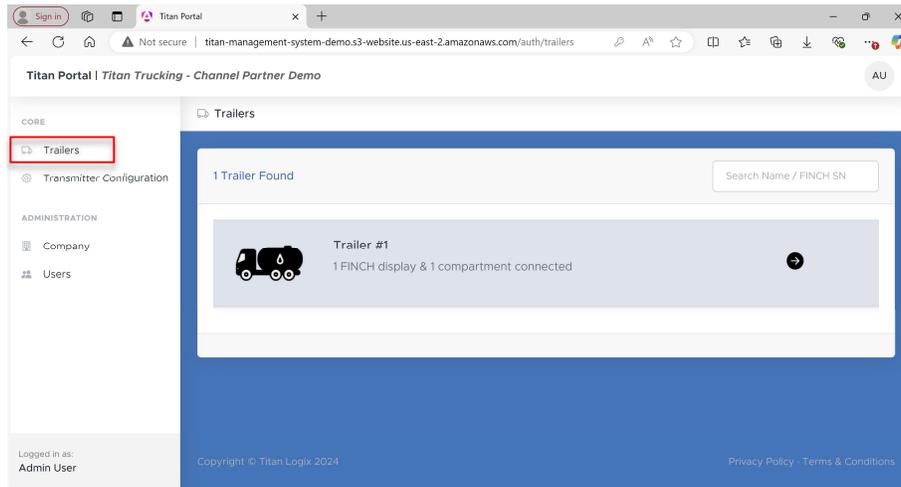
- Once everything is selected for that user, click the **Save** button.

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.

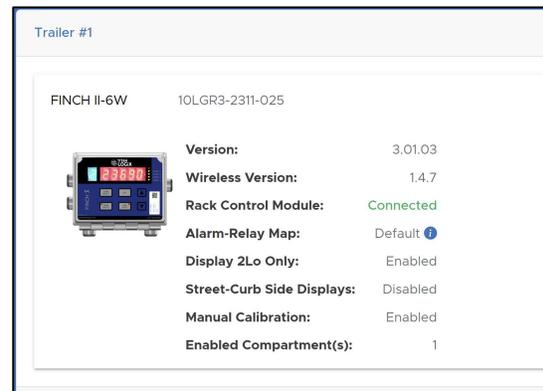
1. Under the CORE Menu, click **Trailers**.
2. All trailers are listed by name.



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

FINCH II display(s) information:

- 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

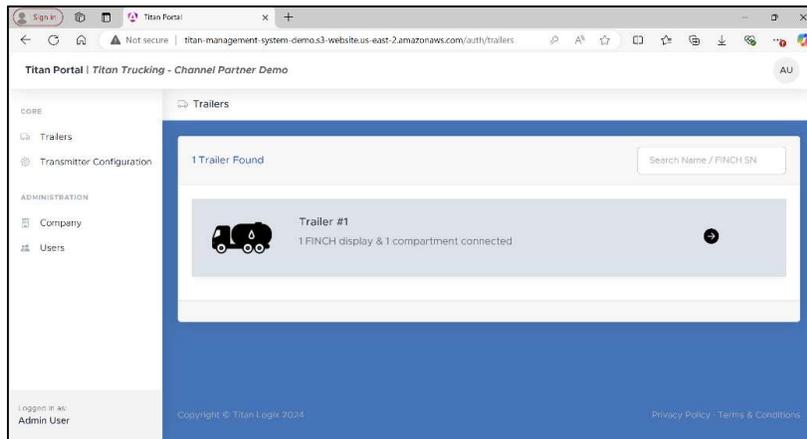
| | |
|------------------|------------------------------------|
| High High Alarm: | 13272 L |
| Fill Alarm: | Not Set |
| Fall Alarm: | Not Set |
| Total Offset: | 1.44 in |
| Spill Reset: | Band Clear |
| Spill Alarm: | 7.13 in (from bottom of probe nut) |

Close

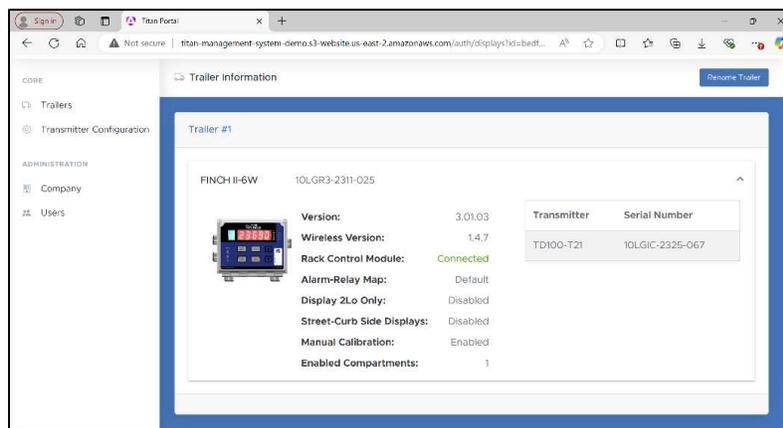
Renaming Trailers from Titan Portal

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

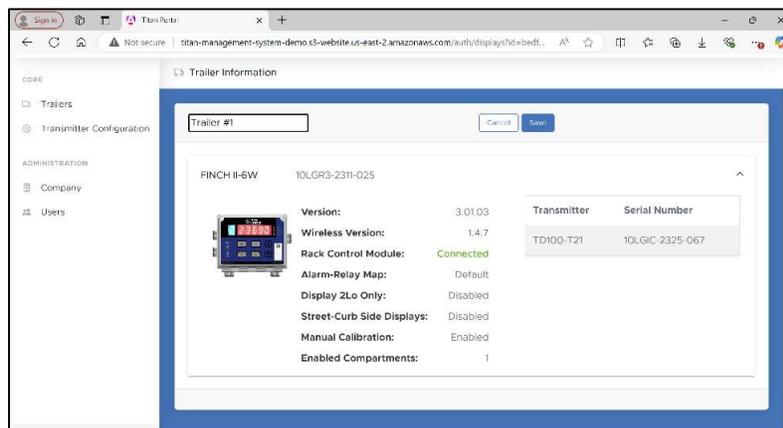
1. Login to the Titan Portal.
2. Click the **Trailers** menu from the left-hand menu.
3. Click on the **Trailer** to rename it.



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



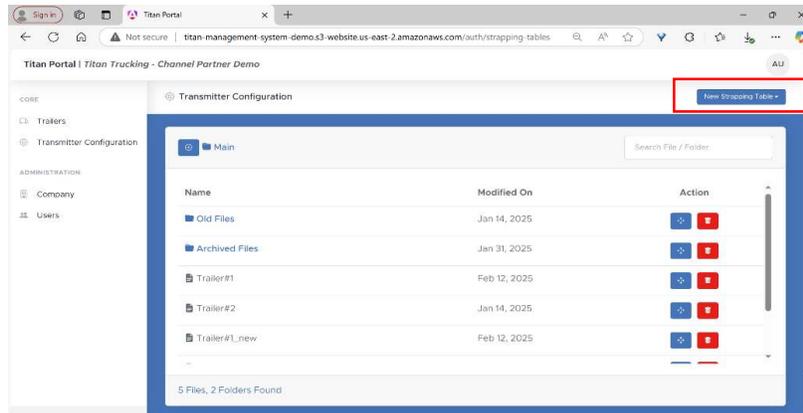
5. Fill out the new trailer name and click **Save**.



Creating Strapping Tables

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.

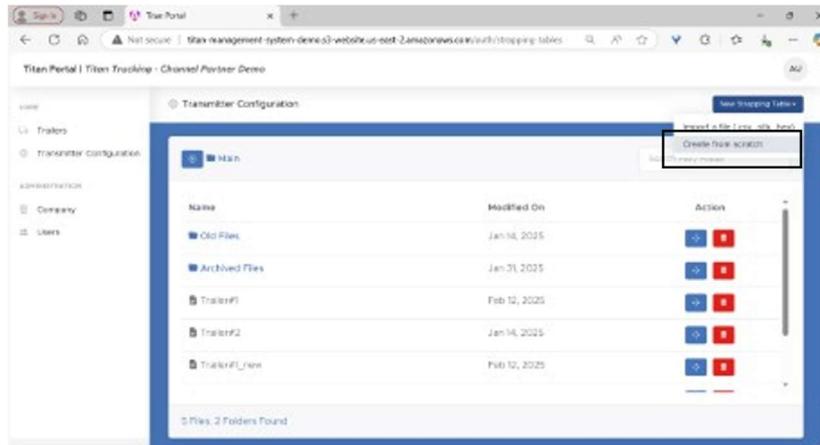


There are three options to select from:

- 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.

The screenshot shows the 'Create from scratch' form. At the top, there are 'Clear Table' and 'Fill Table' buttons. A text input field for the file name contains 'strapping-2026-02-03T21:47:56.853Z' and is highlighted with a red box. Below this is a table with columns for Depth, Volume, and Action. The first row has '0' in both the Depth and Volume fields. To the right, there is a 'Probe Settings' panel with dropdown menus for Probe Type (Duff-Rite), Detection Mode (Performance), Depth Units (Inches), and Volume Units (Cubic Feet).

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.

The screenshot shows the 'Create from scratch' form with multiple rows of data. The file name field now contains 'strapping-2026-02-02T19:23:27.92Z'. The table has four rows of data, with the first row highlighted by a red box. The 'Depth (in)' and 'Volume (m³)' columns contain the following values:

| Depth (in) | Volume (m³) | Action |
|------------|-------------|------------------------|
| 0 | 0 | Green Add / Red Remove |
| 1 | 0.5 | Green Add / Red Remove |
| 2 | 1.0 | Green Add / Red Remove |
| 3 | 1.6 | Green Add / Red Remove |
| 4 | 2.1 | Green Add / Red Remove |

The 'Probe Settings' panel on the right shows: Probe Type (Duff-Rite), Detection Mode (Performance), Depth Units (Inches), and Volume Units (Cubic Feet).

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 70) 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.

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

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

| 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 |

| 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 |

12. Set the Display Decimal and Decimal Shift if required.
13. 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 |

14. Enter the Sump depth if required.
15. 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 |

- 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.

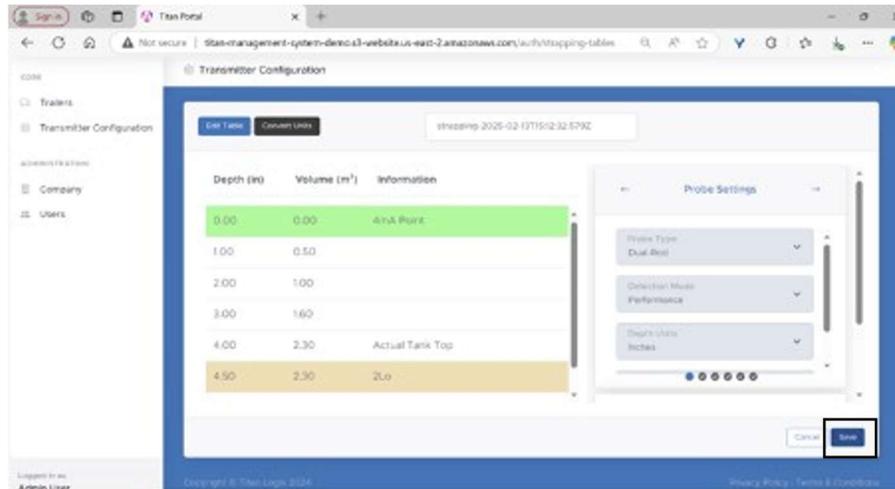
| Tank Depth | Spill | HH | 2Lo | Sump | Total Offset |
|------------|-------|-------|------|------|--------------|
| in | in | in | in | in | in |
| 48.00 | 42.37 | 38.00 | 4.50 | 0.00 | 1.500 |

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

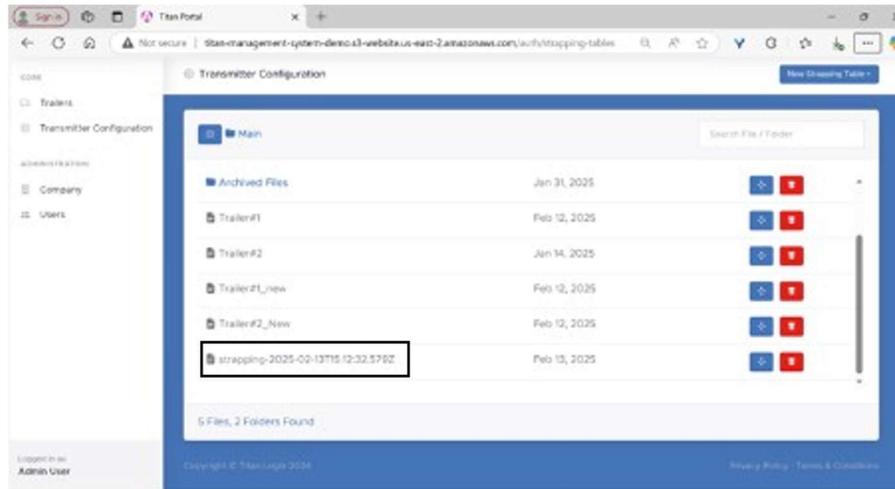
16. Click the **Close** button to continue.

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.

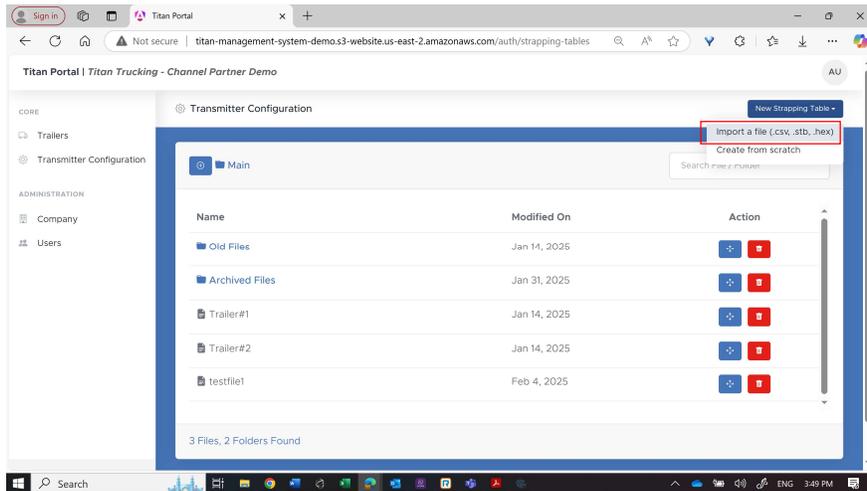


Import Files to Titan Portal

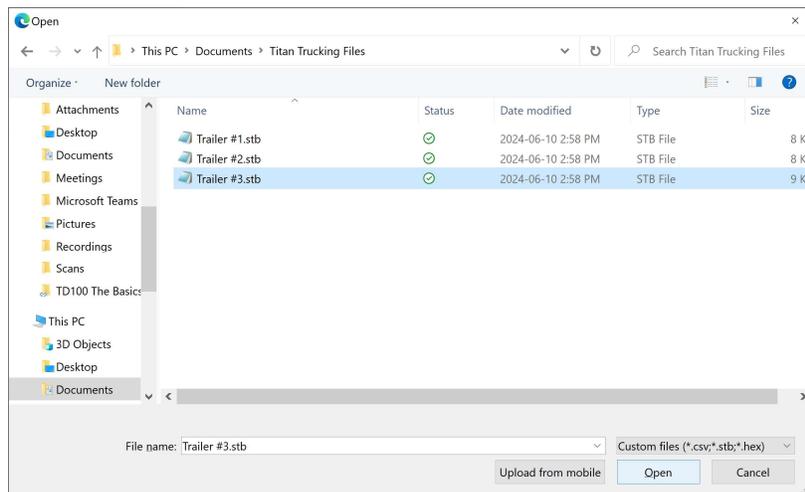
Your strapping files created using SensorLink may be imported into The Titan Portal for use by the Install app. These same files may be exported or saved outside of the Portal for safe-keeping or to use in SensorLink.

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.



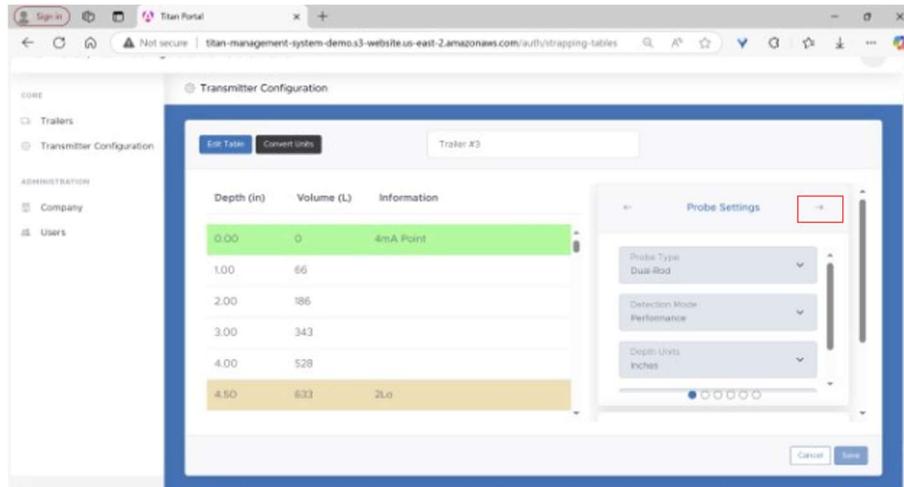
3. Navigate to the folder where the file is stored.



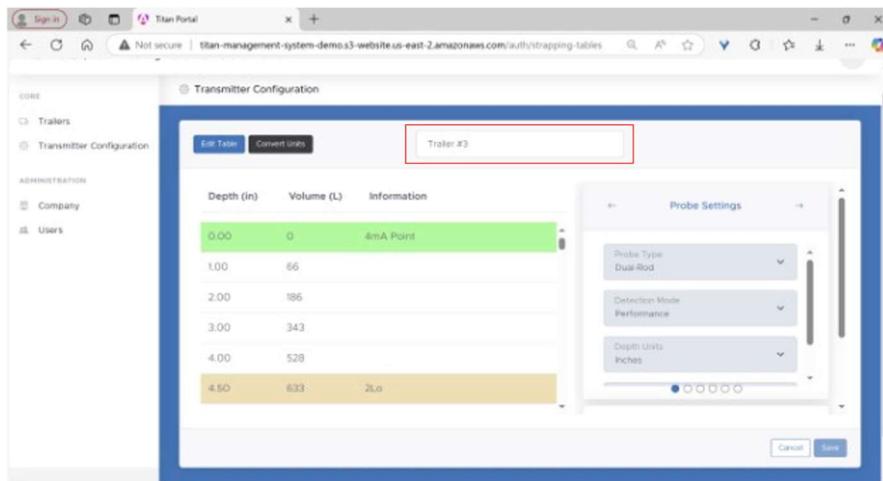
4. Select the file and then click the **Open** button.

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.

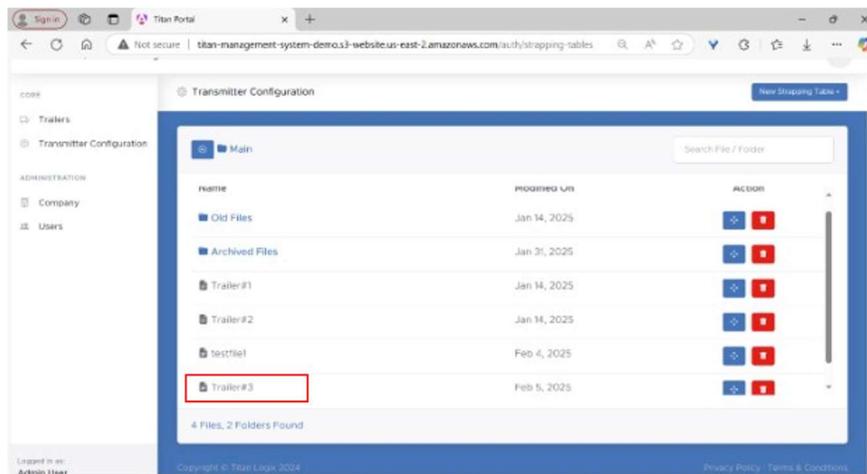


7. The file name can be changed at this point.



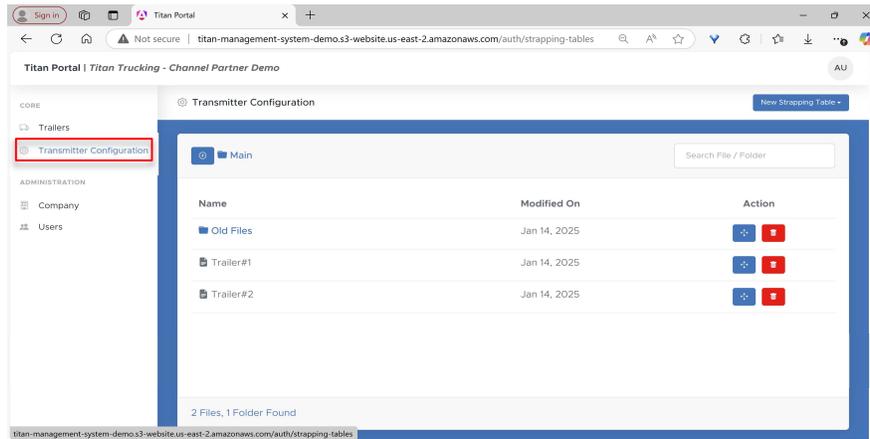
8. Click the **Save** button.

The newly imported file appears in the list of files.



Exporting Files from Titan Portal

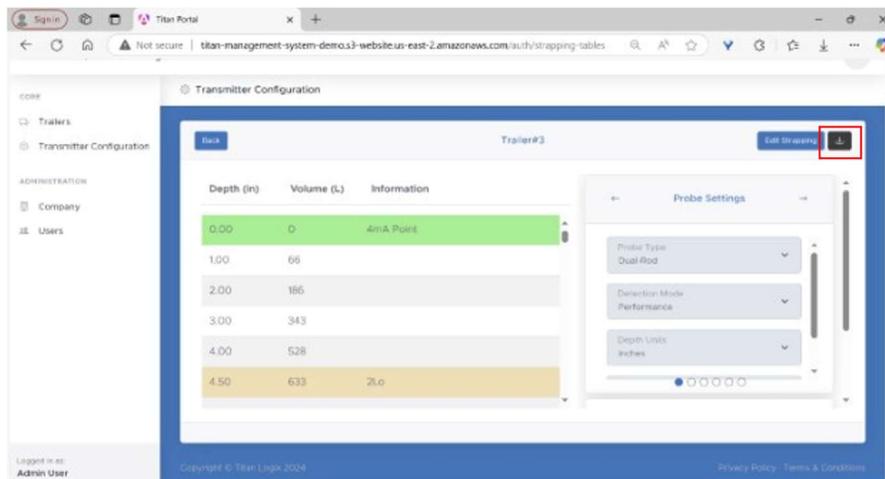
- Under the CORE Menu, click **Strapping Table**.



- Select the Strapping Table file to Export.

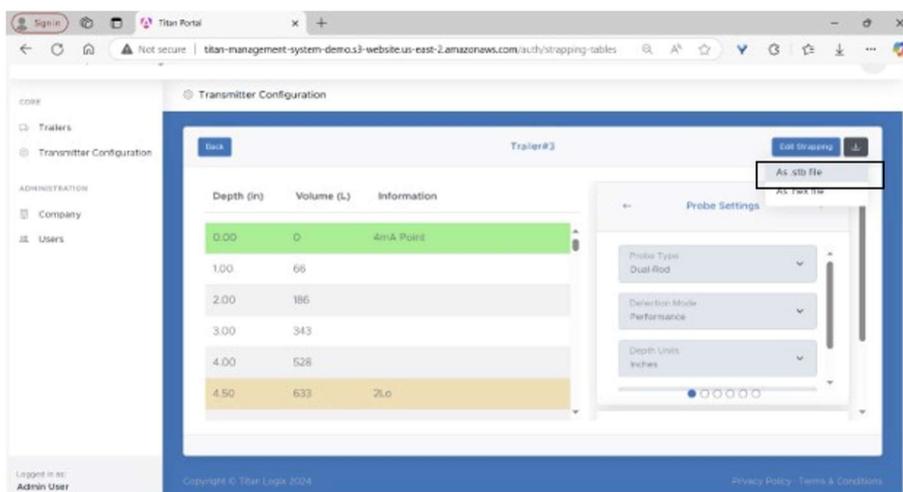
The strapping table configuration page appears.

- Click the **Download** button.

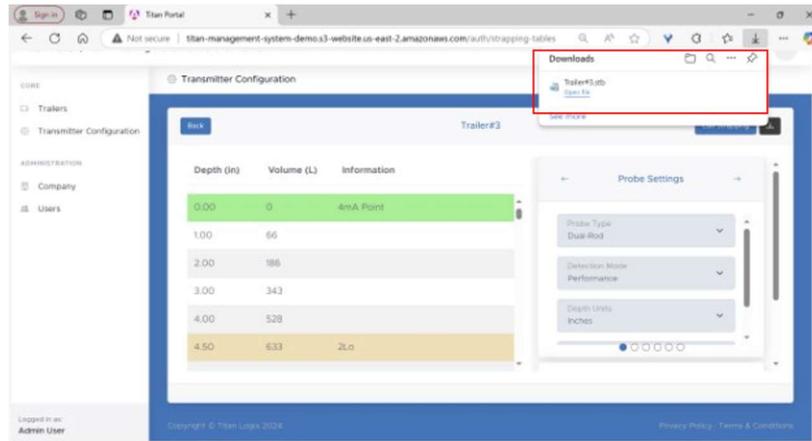


- Click "As .stb file".

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



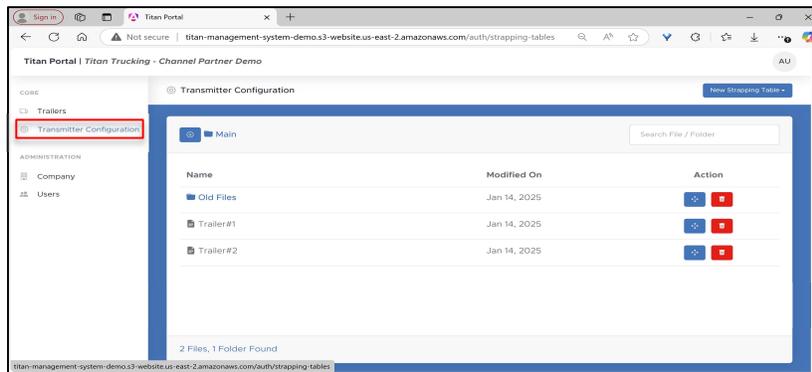
5. You will now find the downloaded .stb file in the Downloads folder.



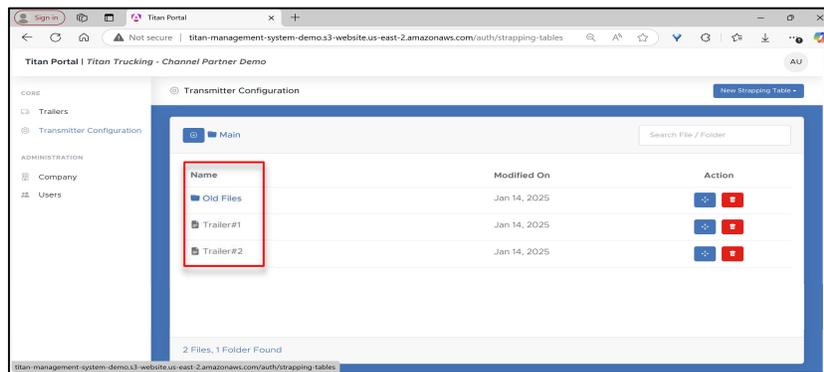
Managing your Strapping Chart Files

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

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

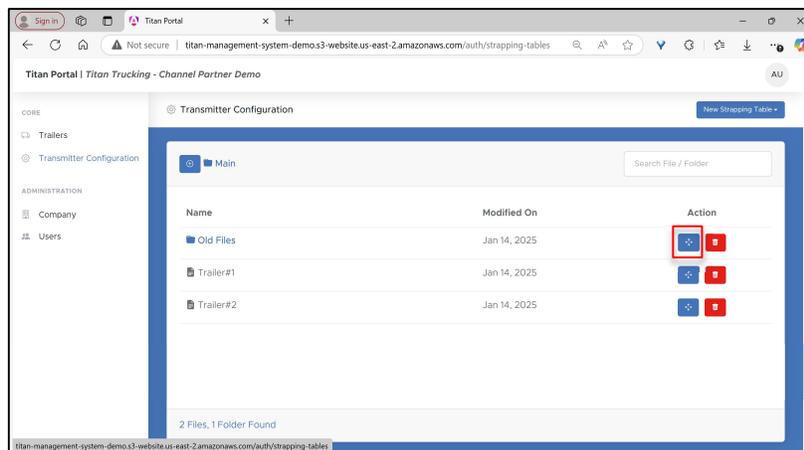


- The company's files are listed.

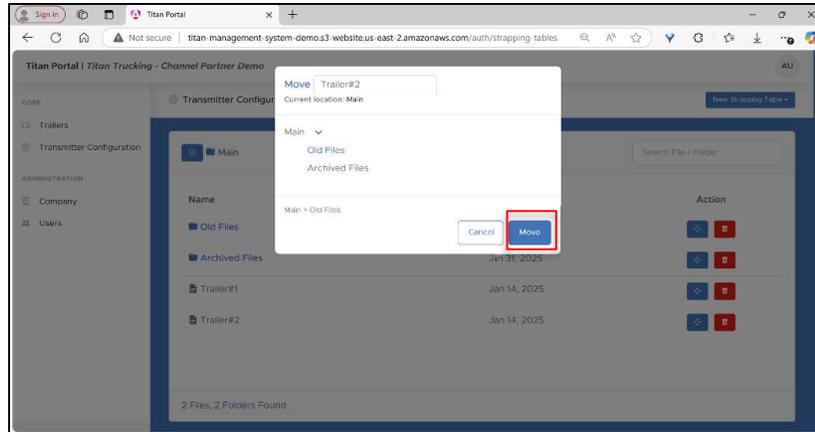


- Files can be moved from the Main folder to other folders created by the administrator.

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

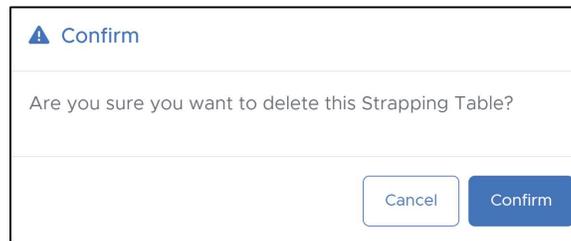
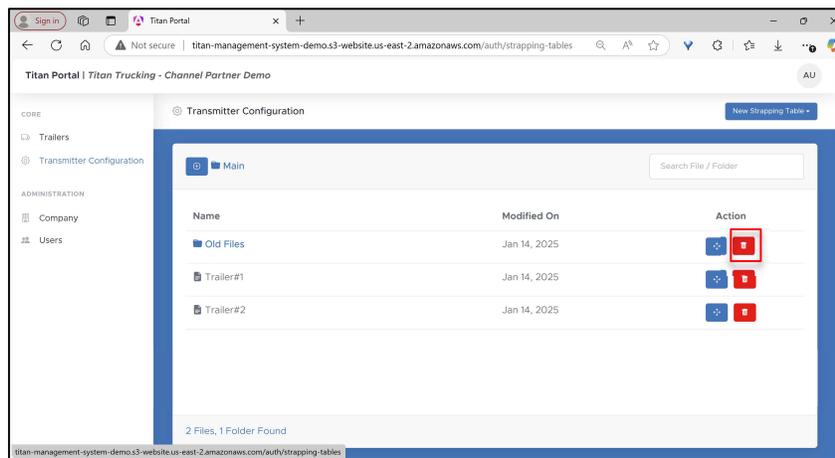


- Finish by clicking the **Move** button.



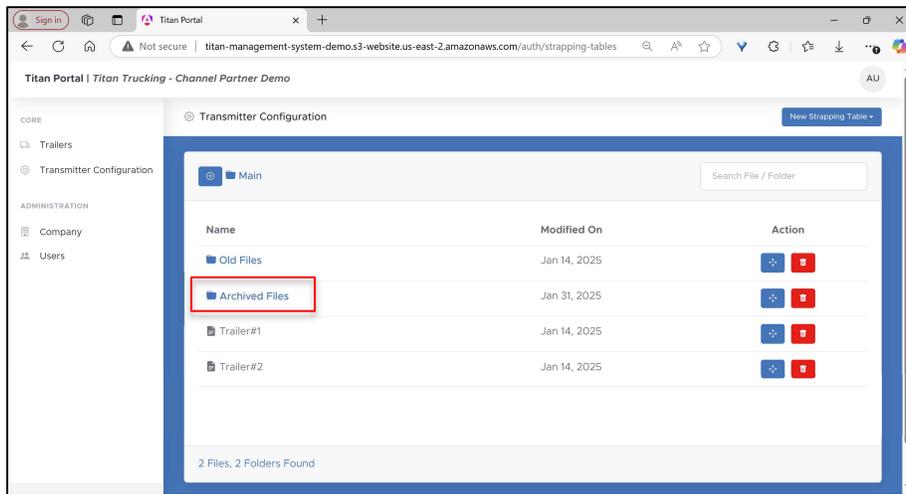
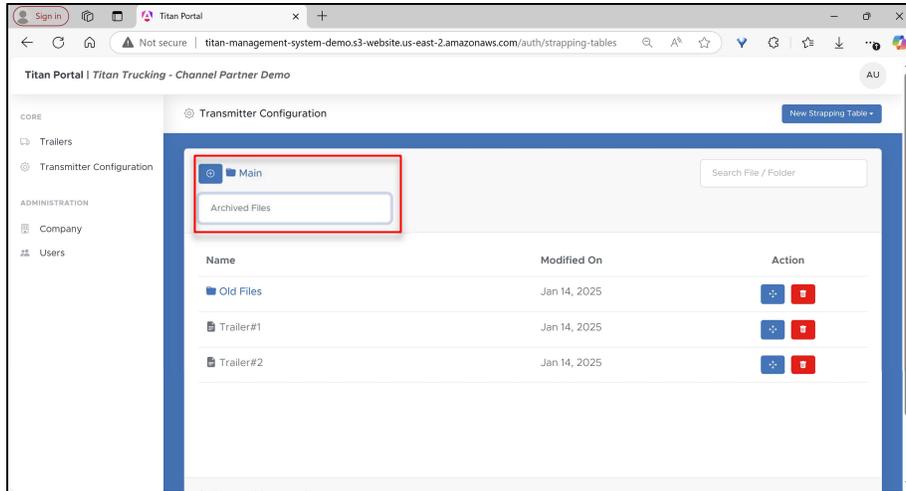
Deleting Files

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**.

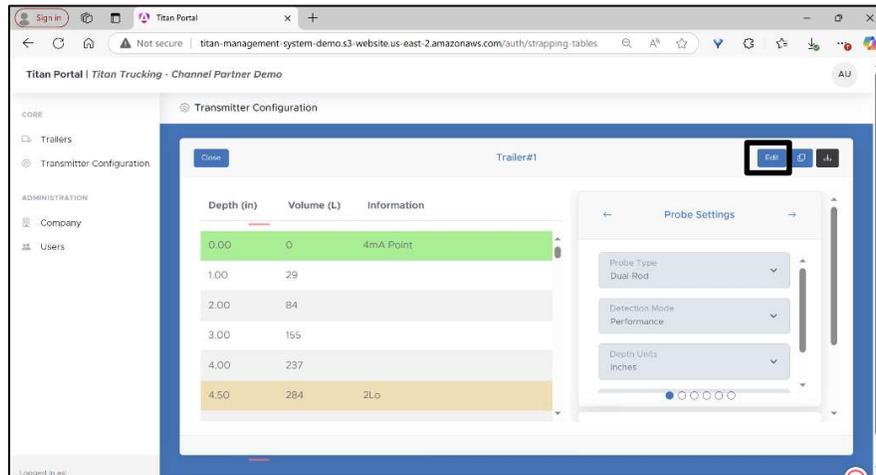


Converting Strapping Table Units

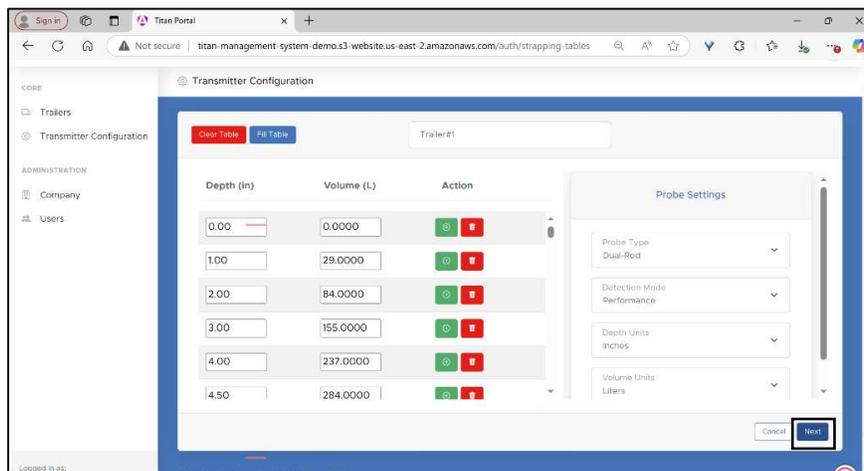
Once a strapping table has been completed, the original depth and volume units may be changed. You may change the units for an existing table or while constructing a new one. The newly converted strapping table can be saved with a different file name.

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.

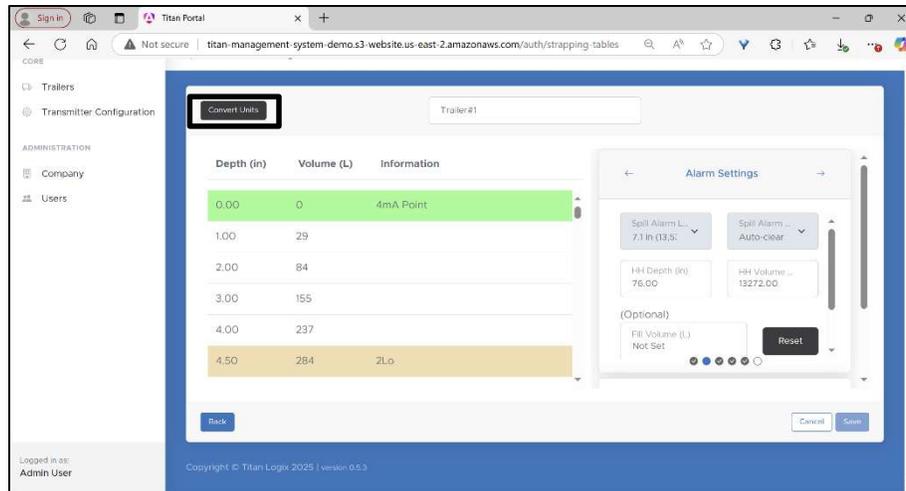
1. Open the strapping table file and then click the **Edit** button.



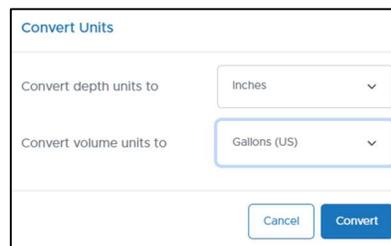
2. Click the **Next** button.



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

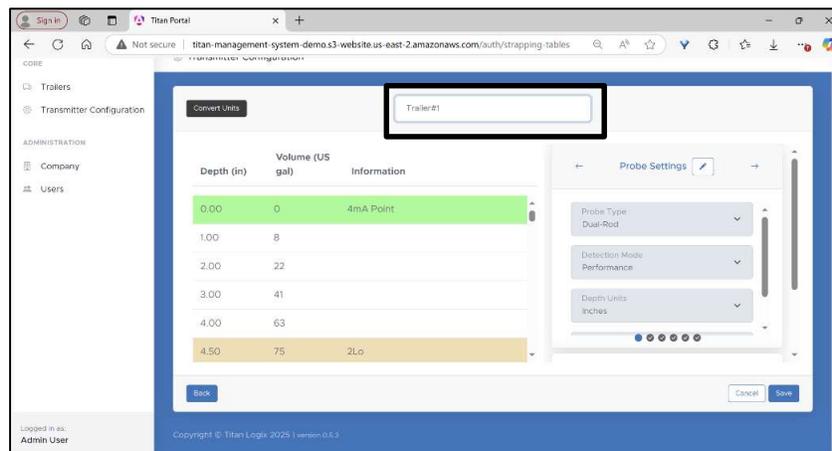


4. Select the new depth or volume units from the drop-down menus.

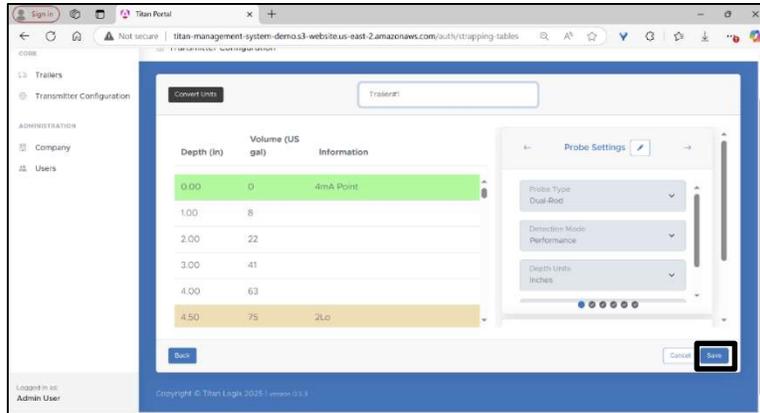


5. Click the **Convert** button.
6. Review the strapping table settings.

The strapping table file name can be changed.



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





Corporate Office

4130 – 93 Street NW
Edmonton, Alberta
Canada T6E 5P5

Service and Repair

Toll-free & 24-hour technical support: 1-877-462-4085

Email: service@titanlogix.com

www.titanlogix.com | help.titanlogix.com