

Titan Portal and Install User Guide



Titan Portal & Install User Guide

Dealers and OEMs



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Titan Portal and Install User Guide



Getting Started

Prerequisites

The original FINCH II display is not supported by Titan Portal and Install.

In this document, all FINCH II-W and FINCH II-6W displays will be referred to as "FINCH II".

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.

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 is the administration and management platform accessed through an Internet browser. Fleet managers have remote access to all information about assets installed on their vehicles.

Titan Install is the TD100 system installer and repair technician's app on a Smartphone or other mobile device. It allows wireless access to system programming, configuration and troubleshooting.

The Titan Install app provides a convenient wireless connection to the TD100 system through the FINCH II display. An Internet connection is required. It provides the following features.

- Initial configuration of the FINCH II display after installation.
- FINCH II display configuration and firmware updates.
- TD100 transmitter programming and firmware upgrades.
- Assists troubleshooting.
- View and change FINCH II display settings without opening the enclosure.
- No programming kit with cables and PC software is required.

The Titan Portal provides remote access to TD100 system information and files. There is no need to be at the vehicle or search paper records for system information. An Internet connection is required. The Portal is accessed by a PC, tablet or smartphone through a browser and provides the following features.

- Display system configuration including the number of transmitters, displays and RCM.
- Displays TD100 and FINCH II models and serial numbers.
- Truck or trailer identification.
- Manages Titan Install app access and permissions for mechanics.
- Provides access to transmitter strapping table files.
- Provides transmitter and display firmware update files.

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Roles

Titan Portal is administered and used by two broad categories of users. They are the administrator and mechanic roles in a company.

The administrator creates and manages all other user accounts in a company. This user also manages files stored for mechanics to use in programming and configuring the TD100 system.

Mechanics typically use their account to access the Titan Install app using the account created by the administrator. This user is usually the role that works directly on a vehicle for system installation or repair.

The username determines an Admin or Mechanic role.

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
Admin	• Manager
Mechanic	 Installer or repair tech Mechanic permissions in Titan Install are set through Titan Portal by the company's Administrator



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 Portal: Logging In

- **1** Open an Internet browser on the computer or mobile device.
- 2 Navigate to <u>http://Portal.titanlogix.com</u>

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	Titan Portal - Login									
	Email									
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	Forgot Password?									
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3 Enter your username and password.

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- Click Forgot Password? to reset the password.
- Titan will create your company's first Administration user account. Use that username and password to log in as an administrator.
- All other user accounts are 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.
- Click on the link below the username and password for the first time you login.

Welcome to Titan Management System!			
no-reply@verificationemail.com	Reply All	→ Forward	1
To ODan Lafleur		Wed 2025-	01-08 10:15 AM
This sender no-reply@verificationemail.com is from outside your organization.			
Hi Dan,			
A Titan Management System account has been created for you with the following credentials:			
Username:			
Password: s?/8ZQ8xlt			
Click here to login to your account			
Best regards,			
Titan Support Team			

• After this first-time login, you are prompted to create a permanent password for future logins.



4 Click Login.

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5 The Trailers screen is displayed.

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administration	Trailer #1 1 FINCH display & 1 compartment connected	Э
Logged in as: Admin User		

Navigating from the Trailers Screen

The Trailers screen is the "home" screen that's presented right after logging in. All features of the Portal can be reached from here.

Sign in Image: C Image: C	tan Portal Company Name	Logged In User
Titan Portal Titan Trucking	- Channel Partner Demo	AU
CORE	Trailer Information	
Trailers Transmitter Configuration	Programming Files	Search Name / FINCH SN
ADMINISTRATION	Contact Information	
US	er Management NCH displays & 1 compartment connected	()
Logged in as: Admin User		

Trailers Screen Features

- The company name
- The menu on the left side provides navigation to the following screens:
 - Trailers
 - Provides trailer names and all installed assets
 - Transmitter Configuration
 - Provides access to strapping table files
 - This is where the strapping table files are created and modified
- Company
 - Company contact information
 - Users
 - Provides user management tools to create, delete and modify Titan Portal and Install users
- Logged In User
 - Provides the currently logged-in user's information
 - Allows the user to change the account's password
 - Logout of the Portal



Titan Install: Downloading the app and logging in

- **1** Open Google Play or the Apple Store on the mobile device.
- 2 Search for the Titan Install app.
- **3** Tap the Install button.
- **4** Tap the Open button to launch the app.
- **5** The first time the app is run, it will request permissions such as access to precise GPS location and the camera. Allow the app to access these devices.



Logging Into Titan Install

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

Enter your Titan Install username and password. This is the same as the Portal username and password.



- Click Forgot Password? To reset the password.
- Your Titan Install account is created by the company's administrator.
- For the first-time login, 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 log in.



• Click on the link below the username and password for the first time you login.

Welcome to Titan Management System!					
no-reply@verificationemail.com	⁴ > Reply	⁴⁰] Reply All	→ Forward	1	***
To ODanLateur			Weit 2025-0	01-00 10	(15 AM
(i) This sender no exply@verificationensal.com is from cadalite your organization.					
Hi Dan,					
A Titan Management System account has been created for you with the following credentials:					
Username:					
Password: s7/8ZQ8xlt					
Click here to login to your account					
Best regards,					
Titan Support Team					

- After this first-time login, you are prompted to create a permanent password for future logins.
- **2** For first-time login:
 - read the Terms and Conditions.
 - then tap Accept Terms.



3 The welcome screen is displayed to scan the FINCH II display's QR code.





Administrator Functions

Overview

The following functions are what Administrators can do within the 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 II).
- The administrator is assigned by the company.
- Manage uploaded files. Import/export files.
- Create and modify files.

Adding Users to the Titan Portal

1 Under ADMINISTRATION Menus, click USERS.

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2 Click the Add User button.

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Admin Oser						



- **3** Enter the new user's info.
 - Required information is marked by *.
 - Enter the User Type:
 - Admin
 - Mechanic

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Logged in as: Admin User	Copyright © Titan	Mechanic Carreet Save		Privac	cy Policy -	Terms &	Conditic	ns

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5 The newly created user will receive an email containing the username and a temporary password. Follow the instructions in the email to reset your password and then for Titan Portal and Install access.



Assigning Permissions within the Titan Install app

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

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

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

1 Under ADMINISTRATION, click USERS.

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	Mechanic User	Mechanic	titanportaltitantrucking02@gmail.com	Dec 12, 2024	Nov 28, 2024	•		
	Dallin Toth	Admin	toth.dallin@gmail.com	Jan 22, 2025	Jan 17, 2025	•		
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	Mechanic User	Mechanic	titanportaltitantrucking02@gmail.com	Dec 12, 2024	Nov 28, 2024	8		
	Dallin Toth	Admin	toth.dallin@gmail.com	Jan 22, 2025	Jan 17, 2025	8		
titan-management-system-demo.s3-website.	us-east-2.amazonaws.com/auth/u	sers			1 – 3 of	3 <	>	·



3 Click the Edit User Permissions button to edit the user's Titan Install and Portal permissions.

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	Admin User	Admin	titanportaltitantrucking@gmail.com	Dec 11, 2024	Nov 27, 2024			
	Mechanic User	Mechanic	titanportaltitantrucking02@gmail.com	Dec 12, 2024	Nov 28, 2024			
	Dallin Toth	Admin	toth.dallin@gmail.com	Jan 22, 2025	Jan 17, 2025	•		
titan-management-system-demo.s3-website.u	us-east-2.amazonaws.com/aut	h/users			1 – 3 of	3 <	>	

4 Edit the user's Titan Install permissions. Check each box to allow the user that operation. Uncheck each box to deny access to that operation.





The Permissions

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 performing a TD100 calibration using Titan Install.
	Allow/Deny changing the FINCH display's Remote Acknowledge as an Alarm Input.
Pup Pump Setting	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.
	Allow/Deny changing the FINCH display's Global Acknowledge Enable setting.
Street Side Plus Curb Side	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.

5 Then click Save.



Assigning Permissions within the Titan Portal

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

Permissions determine what an administrator is allowed to create or change. The 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 ADMINISTRATION, click USERS.

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	Admin User	Admin	titanportaltitantrucking@gmail.com	Dec 11, 2024	Nov 27, 2024	•		
	Mechanic User	Mechanic	titanportaltitantrucking02@gmail.com	Dec 12, 2024	Nov 28, 2024	•	•	
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2 Find the user to edit.





3 Click the Edit User Permissions button to edit the user's Titan Install and Portal permissions.

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4 Edit the user's Titan Portal permissions. Check each box to allow the user that operation. Uncheck each box to deny access to that operation.

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Logged in es: Admin User	Copyright © Tita		Cancel Save		Privacy P	olicy · Tei	rms & C	onditio	ns T

The Permissions

Create New Users	Allows the administrator to create new Titan Portal and Install users.			
Delete Users	Allows the administrator to delete Titan Portal and Instal users.			
Edit Company	Allows the administrator to edit the company details.			
Edit User Details	Allows the administrator to change user details.			
Edit User Permissions	Allows the administrator to change user permissions for Titan Portal and Install.			

5 Then click Save.



Managing The Assets

Add a Trailer and Assets to the Portal

Trailers and assets are added to the company's Portal with Titan Install.

1 Login to Titan Install.



2 Using Titan Install, scan the FINCH II-W or -6W display's QR code.



3 Tap the Connect button to connect the FINCH II to the Titan Portal.



• The trailer will be assigned a generic name.



4 The initial configuration. This step must be completed by the installer or administrator when scanning the display for the first time. Each of the four configuration screens must be completed. These settings must be known at the time the display is scanned.

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INITIAL CONFIGURATION	INITIAL CONFIGURATION	INITIAL CONFIGURATION	INITIAL CONFIGURATION
	0 0 0 0	0 0 0 0	
DISPLAY MODEL	When the liquid level is	Are new transmitters	Finch Configuration Summary:
FINCH II-6W	within 2Lo region, what display mode would you	connected to more than one Finch display?	Model # FINCH II-6W
Rack Control Module	preter?		Serial # 10LGR3-2311-025
Enable			RCM Enabled Yes
Compartments 1 -		Yes No	Compartment 1
Confirm			Multiple No displays
If the displayed information does not match your installation, Please Contact Titan Support for assistance	Caution: The displayed level may not be accurate in Bottom Deadband Region.		Edit Help Submit
III O K	III O K	III O <	III O K

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



- **6** The newly added trailer and assets are found in the Portal's Trailers screen.
- 7 The company's Portal administrator names the new trailer when accessing the trailer and assets for the first time after scanning with Titan Install. The trailer may be renamed at any time.





Renaming Trailers on the Titan Portal

- **1** Login to the Titan Portal.
- 2 Click on the Trailer to rename it.



3 Click the Rename Trailer button.

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DRE	Trailer Information					R	ename Tr	ailer
Trailers						_		
Transmitter Configuration	Trailer #1							
DMINISTRATION								
Company	FINCH II-6W	10LGR3-2311-025					^	
Users	1	Version:	3.01.03	Transmitter	Serial Nu	umber		
	E 23690	Wireless Version:	1.4.7	TD100-T21	10LGIC-2	325-067		
		Rack Control Module:	Connected					
	And the second s	Alarm-Relay Map:	Default					
		Display 2Lo Only:	Disabled					
		Street-Curb Side Displays:	Disabled					
		Manual Calibration:	Enabled					
		Enabled Compartments:	1					

4 Enter the new trailer name.





5 Click Save.

Viewing Company Trailers on Titan Portal

- **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.

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firmware versions.

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 Transmitter Configuration 	Trailer #1				
ADMINISTRATION					
Company	FINCH II-6W 10LGR3-2311-025				^
21. Users	Version:	3.01.03	Transmitter	Serial Number	
	Wireless Version:	1.4.7	TD100-T21	10LGIC-2325-067	
	Rack Control Module:	Connected			
	Alarm-Relay Map:	Default 🕕			
	Display 2Lo Only:	Enabled			
	Street-Curb Side Disp	lays: Disabled			
	Manual Calibration:	Enabled			
	Enabled Compartmen	it(s): 1			
Logged in as: Admin User					



- TD100 transmitter(s) information:
 - model and serial number.
 - probe type.
 - firmware version.
 - alarm settings.

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		Display :	Volume Units:	Liters							
		Street-C									
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			Spill Reset:	Band Clear							
			Spill Alarm:	7.13 in (from bottom of probe nut)							
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Admin User				Close							-

Manage Uploaded Files

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

1 Under the CORE menu, click Transmitter Configuration.

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2 The company's files are listed.

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3 Files may 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.

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4 Files and folders may be permanently deleted. Click the Delete button and then click the Confirm button to finish deleting the file or folder.

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

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Import/Export Files On the Titan Portal

TD100 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.

Import Files to the Portal

1 Under the CORE Menu, click Transmitter Configuration.

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2 Click the New Strapping Table button.

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3 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.

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4 Navigate to the folder where the file is stored.

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\leftarrow \rightarrow \checkmark \uparrow \blacksquare \rightarrow This F	PC > Documents > Titan Trucking Files		o ∨	🔎 Search Titan Trucki	ing Files
Organize · New folder					• •
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esktop	Trailer #1.stb	\odot	2024-06-10 2:58 PM	STB File	8 1
Documents	Trailer #2.stb	\odot	2024-06-10 2:58 PM	STB File	81
Meetings	Trailer #3.stb	\odot	2024-06-10 2:58 PM	STB File	91
Pictures Recordings Scans TD100 The Basics This PC 30 Dbjects Desktop C Documents	<				1
File nam	e: Trailer #3.stb		~	Custom files (*.csv;*.stb;*.h	hex) 🗸
			Upload from mobile	Qpen Ca	ancel

- **5** Select the file and then click the Open button.
- **6** The next sequence of screens allows you to verify the strapping table content before it is saved in the Portal.

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



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8 The file name can be changed at this point. The file name cannot contain spaces, slashes or backslashes.

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9 Click the Save button.

10 The newly imported file appears in the list of files.

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Export Files from the Portal

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🖹 Tra	iler#2	Jan 14, 2025	*

1 Under the CORE Menu, click Transmitter Configuration.



- 2 Click the Strapping Table file to Export.
- 3 Click the Download button.

**	Transmitter Con	figuration						
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4 Click "As .stb file". The .stb file is the most common file used for programming transmitters.

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



Mechanic Functions

Overview

The following functions are what Mechanic users can do:

- Using Titan Install:
 - perform the initial configuration for a newly installed system.
 - configure replacement units (TD100, FINCH II).
 - determine the configuration of installed units (TD100, FINCH II).
 - update transmitter and display firmware.
 - send troubleshooting reports to Titan.
- Mechanic permissions in Titan Install are set through Titan Portal by the company's administrator.
- Using Titan Portal:
 - create and edit transmitter strapping tables.
 - import and export strapping table files to and from the portal.
 - view the company's trailers and installed assets.

How to Connect the FINCH II Display to the Titan Install App

1 Login to Titan Install.



2 Using Titan Install, scan the FINCH II-W or -6W display's QR code.





3 Click the Connect button to connect the FINCH II display to Titan Install.



The displays and transmitters are identified by model and serial number.



•

If this configuration does not match your installation, phease power cycle the display or contact Titan support.



How to 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 Connect to the FINCH II display.



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



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3 Then tap System Diagnostics.





4 Tap the Send Report button.

System Diagnos	sucs
Transmitter Configuration Dat	• >
FINCH Display Report	>
Alarm Relay Mapping	>
Initial Configuration Report	>
Send	Report
III 0	¢.,

- **5** 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.
- **6** Tap each section to view the diagnostic information without sending a report.

System Diagnos Transmitter Configuration Data FINCH Display Report	tics
Transmitter Configuration Data	>
FINCH Display Report	
3	>
Alarm Relay Mapping	Ş
Initial Configuration Report	>

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

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Transmitter	Configuration
Compartment #1	^
Transmitter Type TD100 T21	Probe Types Dual-rod
Firmware 4.12.1	Detection Mode Performance
Depth Units Inches	Volume Units Liters
HH Alarm 13272 L	Fill Alarm 32000.00 L
Fall Alarm 0.00 L	Probe Offset 1.44 in
Spill Reset Band Clear	Spill Alarm 7.13 in (from bottom of probe
	•
	0 /



8 FINCH Display Report shows essential information about the display settings.



9 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.

		elay	Мар	ping	
	Engine	Pump	Light	Horn	Skip Alarm (ACK)
Spill/Fail	~	~			
нн		~	~	~	~
Fill				~	~
Fall					~
Relay State	4	6	4	4	



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

152 🖱 🖷 🖨	
Initial Configurati	on Report
Configuration	
RCM Enabled	Yes
Display 2LO only	Yes
Street-Curb Side Displays	No
Manual Calibration	Yes
Compartment Count	1

11 Tap the Home button to return to the home screen.



Updating TD100 Firmware through Titan Install

Titan Install can update the transmitter's firmware for feature improvements. No programming cables are required.

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



III O <

2 Tap Firmware Updates.



3 Titan Install will check the transmitter's firmware version and for updates. When updates are not required, tap Dismiss to return to the menu.



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



Updating FINCH II Firmware through Titan Install

Titan Install can update the FINCH II display's 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.

For routine firmware update checks and updating:

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



If this configuration does not match your installation, please power cycle the display o contact Titan support.

2 Tap Firmware Updates.





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



4 When firmware updates are required, Titan Install will guide you through the process. Follow all the onscreen prompts and observe the warnings.



For first-time connection:

1 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.





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



3 Follow the on-screen prompts to update the firmware. Observe all warnings.





Create and Upload Strapping Tables to Titan Portal

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

1 Log into your Titan Portal account.

Sign in @ 🖸 🗘 Titan Portal 🗙	+								-	σ	×
← C ⋒ ▲ Not secure titan-management-syst	em-demo.s3-website.us-east-2.amazonaws.com/login	P	A^h	*	¢	£≣	æ	Ŧ	%		•
	Titan Portal - Login										
	Email Enter email address Password										
	Enter password Forgot Password? Login										
Copyright © Titen Logik 2025				Pri	vacy Pr	olicy - 1	Ferms &	Conc	litions		

2 In the CORE menu, click Transmitter Configuration.

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and a second sec										
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Arctived Fire	Jan 31, 2035				8		•		Ш	
B Trainer#1	Febi 12, 2020				8		•		Ш	
B Training	Jan 16, 2025								1	
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					-		-			
Sifiles 2 Folders Found										
		ar Youri	In the second present system denies 3 website un each 2 ana porces of with the unit of the second present 2 ana porces of which the unit of the second present of the second pre	ar ford a subgrowthy speed rystem denk s3-wetstek un esit 2 anie 20miles (ani, subinities prog. 100 miles 3). All All All All All All All All All Al	ar Youri R I are examplement rystem denie of websiteur exit Zamaponaios can valid interpring taken (k. 1995) (k. 199	ar ford in the representation of the set of	an format in a management system dente als verbaliseur east Zamisaponenne ans verb Integring talem 16, 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	an river in the represent rystem deneral-websitue east 2 ansatzment web integring sites in 2 and	ar Intra in a component system deneral-vectories est. 2 anisotration estativity in the ping within 16 A 1 20 V 20 V 20 E 16 A 1 20 V 20 V 20 E 16 A 1 20 V 20 V 20 E 16 V 20 V 2	ar form in a final second rest of the second rest 2 second rest of the part of the second rest of the secon

3 Click the New Strapping Table button.

(Sign in) 🕅 🗖 🚺 Tr	tan Portal × +		- o ×
← C ⋒ ▲ Not se	cure titan-management-system-demo.s3-website.us-ea	ast-2.amazonaws.com/auth/strapping-tables Q A ^h	🟠 Y G 🕼 🚣 … 🧖
Titan Portal Titan Trucking	- Channel Partner Demo		AU
CORE	Transmitter Configuration		New Strapping Table +
🖙 Trailers			
Transmitter Configuration	💿 🖿 Main		Search File / Folder
ADMINISTRATION			
Company	Name	Modified On	Action
🟥 Users	Old Files	Jan 14, 2025	
	Archived Files	Jan 31, 2025	
	Trailer#1	Feb 12, 2025	
	Trailer#2	Jan 14, 2025	
	Trailer#1_new	Feb 12, 2025	
	-		i
	5 Files, 2 Folders Found		

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4 Click Create from scratch.

C C C A A HE MAN I Han now Titan Portal I Time Traching - Channel Anna new O Titanento Transmose Transmose Configuration	ugenent ysten denes) wi in Denio w Configuration	tellene set Zemonies om nut (tit p	9 100es - 12	19.13	2) V	a	4	×.	-	0
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oren © Transmitt In Trainers Transmitter Configuration	er Configuration									
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Arcti	ied films	Jan 31 2	035						Ш	
B Trans	60	Fub: 12, 2	0215			-			Ш	
B Tree	142	Jan 14, 2	025						ч	
Bittan	nPLyant	Point 12, 2								
							_			

5 Enter the new strapping table file name.

Trailers. Transmitter Configuration KINISTRATION Company Users D 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
ARINSTRATION Company Users 0 0 0 0	
Users 0 0 0 0 0	Î
Probe i ype	
1 0.5 Dual-Rod	21
2 10 O Performance	e
3 1.6 O Depth Units Inches	
4 [2.3] I Volume Units	

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

2.1	D Transminer Configur	abon			
naranitike Configuration	The Table 101 and		maane 2025 02 121912 2	0.1292	
otina-oni Company	Depth (in)	Volkme (m ⁹)	Action	Ponte Sato	-
Anes -	0	0		Tristen .	-
	2	10	80	Secure Man	
	3	[10		10000-0000 20200	
	A.:	2.3		Color Period	

TITAN 🏀 LOGiX

8 Set the Probe Type, Detection Mode, Depth Units and Volume Units. Click the Next button to continue.



9 Set or review the Spill alarm options and then enter HH alarm volume or depth. Click the right arrow next to Alarm Settings to continue.

	Transmitter Com	Second on the				
	- Hardmaner Con	ogur abian				_
Trollers					_	
Warantia Unrigazion	5.8.546	eer Likke	414001g-2528-021278.0238.02			
NET NT N						
Company	Dyath (in)	Approx (m.)	information	- Alem Settings	140	
UNIT	000	0.00	Ana Pool			
				By Reserviced		
	100	nTn -		T1=0.0-071		
	2.00	1.00		and there have		
	1.00	1.00				
	4.00	330.	Acustoria tas	- Hittlegile (kit - see 20aa)	**	1
	410	3.30	3.6	000000		
				+ +		1
					Canal Brent	2

10 Enter the Offset Measurement values for Tank Thickness and Probe Offset. Click the right arrow next to Offset Measurement to continue.



11 Set the Display Decimal and Decimal Shift if required. Click the right arrow next to FINCH Display Settings to continue.



12 Enter the Sump depth if required. Click the right arrow next to Sump Settings to continue.

alen.	Int law Con	eri Louis	HIMPING 2008-52 (1719) (2:14 57)	¢					
	Depth (H)	Volume (m ¹)	avortution	1		una be	treps :		-).
Awa -	0.00	0.00	414.844						-1
	i 00	0.10		4				-	
	100	100			. 0				
	100	560		Tatk	Spill	101	21.1	Sergi	1
	4.00	2.30	Actual Taris Tilo	- m		ŵ.	- 11	*	
	4301	2.30	2.0	4.00	0.00	0.00	230	100	1
								_	4 II

13 Set the 4-20mA settings if required. Click the right arrow next to 4-20mA Settings to continue.

	Contrarentler Con	figuration			
1 Thalers. 1 Transmitter Configuration	latine de	****	Haranny 2005-02 (1710-12.02	200	
Consultations	Depth (H)	Volume (m²)	Wormation	+ 4-25%A Settings	
E USH'S	0.00	0.00	And Rent	The second second	
	101	0.10		2004 Aure (c)	Sec.
	200	100			
	0.00	100		And Appendix	-
	4.00	2.30	Actual Tark Tist		
	430	2.30	2.0		
	_			Tari	11 *



14 This screen confirms that all settings have been completed or reviewed. Click the Close button.

-08F	Transmitter 0	Configuration					
Trailers		① Infe	0				_
Transmitter Configuration	Edit Table	Convert Ur You ha	ve completed reviewing all the settings.				
	Depth (in)			Close	Probe Settings	-	i
users		0.00	4mA Point	i			
						ř Î	
	2.00			1			
		1.60					
	4.00	2.30	Actual Tank Top			~ *	
	4.50			•			
				1			*
						Cancel	

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

Anna Anna Anna Anna Anna Anna Anna Anna	Anne		Taramater Con	ingun bolon			
rations many AN AN AN AN AN AN AN AN AN AN	reactions reactions	ulare. Instriller Configuration	Las Tana	aari 10033	Haraberg 2018-102 (1719) (211 1710)		
Billing D-30 ability Report 1.00 0.10 Billing Billin	IIII COD Annual Reset 100 0.50	ristener Historia	Depth (H)	Volume (m ²)	Information	er Prote Settings	- j
LOB D.LD Display from W 2 DD 100 Ministry from W 3 DD 160 Wester from W 4 CO 2.30 Actual Taris Trap Wester from W	100 0.00 200 100 200 100 200 200 400 230 400 230	19. E	0.00	0.00	distance.		
2.00 100 Performance Performan	2.00 1.00 2.00 1.60 4.00 2.30 4.00 2.30		100	010		Dise dese	* i
3.00 1.00 Partnessed Partnessed 4.00 2.30 Actual Tarle Tag Instance Instance	300 100 4.00 2.30 Actual Taris Test 4.00 2.30 2.00		100	100		Constitute Marine	
4.00 2.30 Actual Taris Ting States - *	400 230 Actual Taris Tag		100	560		Factor Harris	
	410 230 No		4.00	1.30	Actual Tank Tilo	Transference of the second	
430 230 R.e			4301	2.30	2.0		· ·

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

cine .	Transmitter Configuration		Mana (Discourse) Territo (
Traines			
Transmiller Configuration	a start		Department of the Charger
and the second	R Andriand Films	Jun 31, 2025	
II VANK	B Trainedt	Fwa 12, 2025	00
	S Trainer#3	Jun 14, 2025	
	B Taylerat_repu	Pets 12, 2025	
	B Trailer#2_Meet	Reb 12, 3025	
	B stratificality 5052 (55 (2018 (5 21 22 52))	Pelo 13, 2025	
	5 Files, 2 Forders Found		



Converting Strapping Table Depth and Volume 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 may be saved with a different file name.

For an existing file:

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



2 Click the next button.

Sign in 🔞 🗖 🚺 Titan P	ortal X	+					-	σ	×
C A Not secure	titan-management-sy	stem-demo.s3-website.us-	east-2.amazonaws.com/auth/	strapping-tables	Q A 🟠 💙	G 1	Ť	0	1
CORE	Transmitter Configur	ration							
Trailers									
Transmitter Configuration	Clear Table Fill Table		Trailer#1						
DMINISTRATION									
Company	Depth (in)	Volume (L)	Action		Probe Setting	s	i	i	
Users	0.00	0.0000	•	1					
	1.00	29.0000	0		Probe Type Dual-Rod	~			
	2.00	84.0000	•		Detection Mode Performance	~			
	3.00	155.0000	•		Depth Units	~			
	4.00	237.0000	•		inches			'	
	4.50	284.0000	💿 🔳	Ŧ	Volume Units Liters	~		-	
						Cance	Next	ור	
unerlin as:	—						L		



For a new strapping table:

1 Enter the depth and volume information along with the probe settings.

RE	Transmitter Configu	ration			
Trailers Transmitter Configuration	Clear Table Fill Table		Trailer#4		
Company	Depth (in)	Volume (m ³)	Action	Probe Settings	í
Users	0	0		Probe Type Dual-Rod	
				Detection Mode Performance	
				Depth Units Inches	
				Volume Units Cubic Meters	

2 Click the Next button.

😩 Sign in) 👘 🔲 🚺 Titan P	Portal X	+				- o	×
← C ⋒ ▲ Not secure	e titan-management-sy	stem-demo.s3-website.us-e	ast-2.amazonaws.com/auti	h/strapping-tables 🔍 A [%]	☆ ¥ G ☆	<u>⊬</u> o(o 🤣
CORE	Transmitter Configur	ation					^
🗭 Trailers							
Transmitter Configuration	Clear Table Fill Table		Trailer#4				
ADMINISTRATION							
Company	Depth (in)	Volume (m ²)	Action	F	Probe Settings		
25. Users	0	0		î cara			
	1	1	0	Probe Type Dual-Rod	~		
	2	2	•	Detection Moo Performance	e 🗸		
	3	3	•	Depth Units Inches	~		
	4	4	•				
	5	5		Cubic Meters	~	-	
					Cance	Next	
Logged in as:							•



To convert the strapping table units:

1	Click the	Convert	Units	button.	
---	-----------	---------	-------	---------	--

Transmitter Configuration	Convert Units		Trailer#1			
DMINISTRATION	Depth (in)	Volume (L)	Information	← Alarm S	ettings \rightarrow	î
Users	0.00	0	4mA Point			I.
	1.00	29	Ĩ	Spill Alarm L 7.1 in (13,5:	Spill Alarm Auto-clear	L
	2.00	84		HH Depth (in)	HH Volume	I.
	3.00	155		(Optional)	IJEFELOU	I.
	4.00	237		Fill Volume (L)	Reset	
	4.50	284	2Lo	Not Set	• • •	

2 Select the new depth or volume units.

🜔 Sign in) 👘 🗖 🚺 Tit	an Portal X	+			-	o ×
← C ⋒ ▲ Not set	cure titan-management-sy	stem-demo.s3-website.us-east-2.a	mazonaws.com/auth/strapping-tabl	les Q A ^A 🟠 🂙 🕄	£≞ ± ø	ə 🧔
Titan Portal Titan Trucking	- Channel Partner Demo	Convert Units		1		AU
CORE	Transmitter Configure					
🖙 Trailers		Convert depth units to	Inches 🗸			
Transmitter Configuration	Convert Units	Convert volume units to	Liters 🗸			
administration	Depth (in)		Cubic Meters Cubic Yards	✓ Alarm Settings	→	
21. Users	0.00 0		Barrel (US Pet.) Cubic Feet			
	1.00 2	9	Gallons (Imperial) Gallons (US)	Spill Alarm L 7.1 in (13,5: Auto-clear	ř.	
	2.00 8	4	Liters	HH Depth (in) 76.00 13272.00		
	3.00 15					
	4.00 2			Fill Volume (L) Re	set	
	4.50 2	84 2Lo		00000		
	Back				Cancel Save	

3 Click the Convert button.

IORE						
Trailers	_	Convert Units				
Transmitter Configuration	Convert Units					
ADMINISTRATION		Convert depth units to	Inches 🗸			
I Company	Depth (in)	V Constanting of the base		← Alarm S	Settings →	Î
1 Users	0.00	Convert volume units to	Galions (US)			
	100	7		Spill Alarm L	Spill Alarm -	
		2:	Cancel Convert	7.1 In (13,5:	Auto-clear	
	2.00	84		HH Depth (in) 76.00	HH Volume 13272.00	
	3.00					
	4.00	237			Pasat	
	4.50	284 2Lo		Not Set		
						ñ.•
					- Council	
	Dack				Cancer	Save



5 The strapping table file name may be changed.

Trailers Transmitter Configuration	Convert Units		Trailer#1		
Company	Depth (in)	Volume (US gal)	Information	$\leftarrow \qquad Probe Settings \checkmark \rightarrow$	Î
Users	0.00	0	4mA Point	Probe Type	L
	1.00	8		Dual-Rod	I.
	2.00	22		Detection Mode Performance	I.
	3.00	41		Depth Units	ľ
	4.00	63		Inches	
	4.50	75	2Lo 🗸		

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6 Click the Save button.

😩 Sign in 👘 🔳 🕼 Tita	n Portal	× +			- 0 ×
← C A Not sec	ure titan-management-	system-demo.s3-	website.us-east-2.amazonaws.com/auth/strapping-	tables Q A 🖄 Y 🕄 🛱	¥ "o 🥠
Trailers Transmitter Configuration	Convert Units		Trailer#1		
ADMINISTRATION	Depth (in)	Volume (US gal)	Information	← Probe Settings →	Î
22 Users	0.00	0	4mA Point	Probe Type Dual-Rod	
	1.00	8		Detection Mode Performance	
	3.00	41		Depth Units Inches	
	4.00	63	2Lo 🗸		•
	Back			Cancel	Save
Logged in as: Admin User					

Programming TD100 Strapping Table through Titan Install

Titan Install can program a TD100 transmitter's strapping table without programming cables and adapters.

From the Strapping Table menu, you can program the strapping table, read the strapping table from the transmitter and view its current configuration before programming.

1 From the home screen, tap the TD100 icon for the transmitter to be programmed.



A reactive power speed to the test state of the speed to the speed to

2 Tap the Strapping Table button.





3 Tap the Program button



4 Select the file to use for the programming. You may navigate to other folders from this screen.

÷		* =
1	Strapping Tal	ole Files
St)	ect a file to program	the transmitter.
5	Trailer#1	
ħ	Trailer#2	
B	Trailer#1_new	
ħ	Trailer#2_New	
	Old Files	

111 D. C.

- **5** 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.
 - Data and Chart Views.
 - Probe Configuration.
 - Unit Conversion.
 - Tank Top Measurement.
 - Alarm Settings.
 - Display Settings.
 - Sump Measurement.
 - 4-20mA Settings.

		5			
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Trailer#1 🖌	ŕ			Т	railer#1 🖍
≔ Data II. Cł	nart View			i≣ Data	II. Chart View
		1031 B&& . 5.4 10%	10.02 🗒 🏟 🌢 🔹 🖘 🖉 100% 🛢		
Probe Configuration	1	← * = Trailer#1 ≁	← * ≡ Trailer#1 ≁	Depth (in)	Volume (L) Information
Probe Type: Dua	I-Rod Probe	😑 Data 🔒 Chart View	i≣ Data II. Chart View	0.00 👻	0 4mA Point
Detection Mode: P	Performance	Tank Top Measurement	Display Settings 🧳	4.50 👻	284 2Lo
		Tank Thickness: 0.3 in	Precision: No Decimal	76.00 👻	13272 НН
Unit Conversion	1	Probe Offset: 1.14 in Total Offset: 1.44 in	Decimal: 4 13936 L >	78.31 👻	13534 Spill Level
Depth Units:	Inches		Sumo Measurement	84.00	13936 Actual Tank Top
Volume Units:	Liters	Alarm Settings 🖌	Sump: Not set	85.44	13936 Probe Tank Top, 20n
Tank Top Measurement	,	Spill Alarm Reset: Auto-Clear HH Depth: 76.00 in HH Volume: 13272 L	4-20 mA Settings		
Program		Program	20mA Point: Not set Program		
	1			111	0 (



6 Tap the Program button to program the transmitter with the selected file and settings.



7 The next screen shows programming progress.



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



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 the Portal.



View the Transmitter's Current Configuration

This feature allows the mechanic 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 icon for the transmitter to be programmed.



Haddeline prever prever parts the physics in assure the support

2 Tap the Strapping Table button.



ш с с

3 Tap the Summary button.





4 View the transmitter's current configuration.



Read and Save the Transmitter's Strapping Table to the Titan Portal

This feature allows the mechanic to read the strapping table from a TD80 or TD100 transmitter and then upload it to the Titan Portal.

1 From the home screen, tap the TD80 or TD100 icon for the transmitter to be programmed.



ndebalan strend gener parts for highlight in content Tree support

2 Tap the Strapping Table button.



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3 Tap the Read & Save button.



4 The strapping table read process is shown on the screen.

Read Progre Transmitter #	1 55
Initiating commu	inication
Connection succe	essful
Reading lines	
Read Completed	
Upload to portal	
Connecting to trans Lines read 0	mitter

5 Enter a name for the new file and then tap the Save button.

	Read Progress Transmitter #1
2	Initiating communication
9	Connection successful
9	Reading lines
0	Read Completed
0	Upload to portal
	Save File
EN	Narse er file name

6 Return to the Strapping Table menu.



Calibration

10.040.0		147358	10.24 🕸 🕸 🗣 🔸		≪⊿ 100%∎	10:02 🖬		®⊿ 68%a		
		* =	÷		* ≡	÷				
:	Trailer ICH II-6W .019:2311:025	() NECTER		TD100 Transmi Model: T21 Probe: Dual-	#1 itter		Model: T21 Probe: Dual- Firmware: v4 SN: 10LGIC-	Rod 1.12.1 2325-067		
(R	ick Control M CM) E	adule NABLED	Į	Firmware: v4 SN: 10LGIC-:	1.12.1 2325-067	Street	apping Table nmary	×		
18.382 2225-963 201662700 D			to strap	ping Table ration	<u>`</u>	Pro	gram			
						1 Rec	td & Save			
						∃≓ Cal	ibration			
.01		0			<			<		

Alarm Relay Mapping

The FINCH II displays are shipped from the factory with alarm relay settings that are appropriate for most installations. These settings may be changed after installation by using the Titan Install app.

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 II display icon.



2 Tap the Settings icon.





3 Select Alarm-Relay Mapping.



4 Review the current settings and then tap the Edit button.

			×			
				=		
A	arm-Relay	Map	ping			
	Engine Pump	Light	Hom	ACK		
Spill/Fail	~ /					
нн	~	~	~	~		
FIII			~	~		
Fall				~		
Relay	50	4	4			

III C (

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

Screen 1





Screen 2

	4.204a =	9.57 B		≈	9.57 B		≈≠∞≈• * ≡		
ALARM RELA CONFIGE	Y MAPPING	ALARM RE CONFI	LAY M/ GURATI	A P P I N G I O N	ALARM RI CONF	ELAY N IGURA	I A P P I N G T I O N		
0 0	0 0	0-2	-3	-0	0-2	-	0		
Relay Polarity Select the relay alarming state. Reset to default		Relay #2 Pump Pump relay is set to turn OFF when an alarm is triggered. Keep it OFF or turn it ON			Relay #3 Light Light relay is set to turn ON when an alarm is triggered. Keep it ON or turn it OFF				
Reserved Engine relation to start ON address of dependent to trans ON address of address to thompseed. Keep it ON on faces an over Keining On Turn Off		Turn On	Ke	ep Off	Keep On		Turn Off		
		Relay #3 Light relay is se alarm is trigger it OFF	et to turn ON w ed. Keep it ON	Light rhen an I or turn	Relay #4 Horn relay is alarm is trigg it OFF	set to turn Of ered. Keep it	Horn N when an ON or turn		
Relay #2 Pump tellap to set 12	Purse Sam OFF when an	Keep On	T	im Off	Keep On		Turn Off		
Back	Next	Back		Next	Back		Next		
1411 18	5 K.			<			<		

Screen 3



Screen 4

9.50 🖻 🔍 2 4 69% 🖬	9.50 🖻 🔍 🖉 4.69% a
* =	* =
ALARM RELAY MAPPING CONFIGURATION	ALARM RELAY MAPPING CONFIGURATION
0 0 0 0	
Alarm Acknowledgement	acknowledge when the ACK button is pressed on the FINCH display.
Select which alarm(s) to acknowledge when the ACK button is pressed on the FINCH display.	Note: only selected alarm(s) can be acknowledged using the ACK button.
Note: only selected alarm(s) can be acknowledged using the ACK button.	нн
нн	FILL
FILL O	FALL
FALL	Reset to default
Back	Back
III O <	III O <

6 Tap the Finish button to save the new settings.





Modifying The Trailer Configuration

1 Sign in to the Install app.



2 Connect to the Finch display to modify.



3 Tap the Finch II icon.



4 Modify the settings.

TITAN 🏀 LOGIX



5 Tap the Submit button.

6 The settings will also be updated in the Portal.

Sign in 👘 🗖 🕻	Titan Portal	× +				-	σ	×
	ttps://portal.titanlogix.com/au	uth/displays?id=1708945e-04	51-489c-9dd4-203803f2a10c		Q A 🟠 💙	3 5 1		-
A Fuel Tank Trailer Gui 💮 Pe	rsonality Type 🌐 Most Effective	e Com 🎁 How to Screen Rec	o 🕵 How to develop you	W Splicing connecto	or 🚯 TMS - Titan Manag	🕂 Board - Customer	S	>
TitanPortal Titan Truckin	ng - Channel Partner Demo						AU	î
CORE	Trailer Information					Re	name Trailer	E 1
Trailers								
Transmitter Configuration	Trailer#1							
ADMINISTRATION	FINCH II-6W 10L	_GR3-2311-025					~	
Company								
ः Users		Version:	3.01.03	c	comp. # Transmitter			
	E 28690	Wireless Version:	1.4.7		1 TD100-T21			
		Rack Control Module:	Connected					
		Alarm-Relay Map:	Default 🕕					
		Display 2Lo Only:	Disabled					
		Street-Curb Side Displays:	Disabled					
		Manual Calibration:	Enabled					
		Enabled Compartment(s):	1					
	-							
Admin User								-