Tenna Live Launch

April 2023

TENNA

Meet the Team

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Agenda

- **Geofence Alerts**
- **Maintenance**
- **Reports**
- **Integrations**
- **Enhancements**
- **TennaCAM 2.0**
- **Mobile Updates**
- **Preview Upcoming**

Geofence Alerts

Receive instant alerts when tracked assets leave or enter Geofences.

Increase your theft protection by creating new alerts for exits and entries on Geofences. This includes assets tracked via AEMP integration.

Alerts will notify you if:

- Assets exit or leave a Geofence. You can set days and times to only be notified of suspicious activity, such as assets moving late at night or on weekends.

- Assets are inside or outside redrawn Geofences, ensuring assets continue to report from billable boundaries.

Geofence Alerts Tab

The new Geofence Alerts tab makes it easy to review all alerts.

Quickly filter by type of alert, geofence, recipients, and more.

Never miss an alert or geofence event. In one quick glance confirm that all your sites are on schedule and your assets are where they should be.

Geofence Alerts Enhancements

Additional enhancements make it easier to create and manage Geofence alerts.

Create alerts for a Day Range, making it easier to set up multi-day alerts.

The new detail page lists all notifications sent to recipients for each alert, making it easy to know who has been notified of specific enter/exit instances in the past.

Alert on...
Day Range

Start Day & Time
Monday | 12:00 am (EDT)

End Day & Time
Wednesday | 12:00 pm (EDT)

Geofences   Back   Edit Alert

Bridge #46 Over Eno River Default Boundary-alert-1

Geofence Name	Direction	Days / Range	Times / Range
Bridge #46 Over Eno River Default Boundary	Enters	Mo Tu We Th Fr	Invalid DateTime (EDT) - Invalid DateTime (EDT)

Assigned To	Recipients	Delivery Path
0 Categories	1 Recipient	Web, Email, Push

Maintenance Preventative Maintenance Enhancements

Create Preventative Maintenance packages easily with our new streamlined workflow.

Our revised Preventative Maintenance workflow simplifies the process to make it quicker and easier to ensure assets are protected and in good working condition.

The benefits of creating PM packages include:

- Never missing a maintenance action on critical assets.

- Keeping costs low (preventative maintenance costs 12-18% less than emergency fixes).

- Staying on time with projects.

Create PM Service Package

Creating a PM Package allows you to assign a group of services to assets.

PM Service Package Title

Fleet f350 Maintenance Package

Assigned Services
Select what services you would like to include to your assets within this package.

⊕ Add Services

Service Title ⇅	Service Trigger ⇅	Service Occur... ⇅	Service Trigg... ⇅	Reminder ⇅	Actions
TC - Oil Change	Usage/Hours	One Time	Original Service Value	N/A	
TennaCAM Service	Usage/Miles	Recurring	Original Service Value	3.0 miles	

Assigned Assets
Select the assets you want to assign to this service package.

⊕ Add Assets

Fleet No. ⇅	Asset Name ⇅	Category ⇅	Actions
TSL-0002	Ford Pickup	Light Trucks / Vehicles/Pickup	

Cancel

Create PM Package Trigger

# **Maintenance** Preventative Maintenance Enhancements

New data columns make it easier to sort and find what you need.

- Current Assignee: If you have a sudden absence, locate the maintenance services that might be affected.

- Service Trigger: Quickly spot the packages triggered by times or usage/miles.

- Recipients: Create a quick download for specific package recipients.
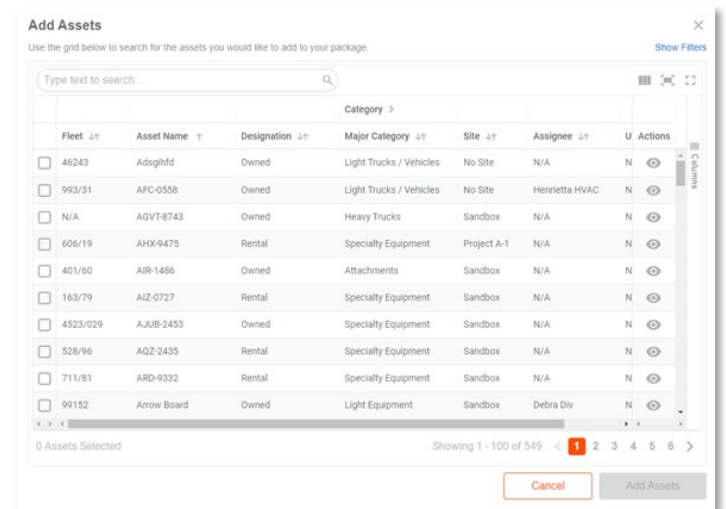
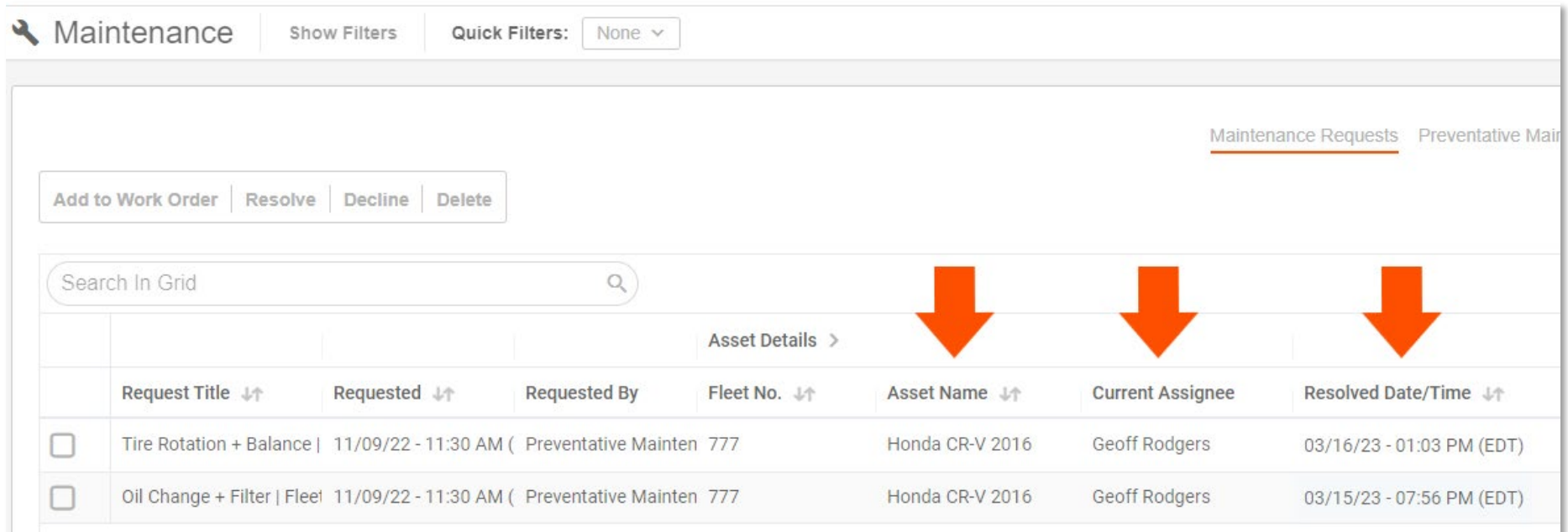We've also paginated the Asset list to improve performance.

Assign assets from a paginated list to get better performance for packages with a high number of assets.
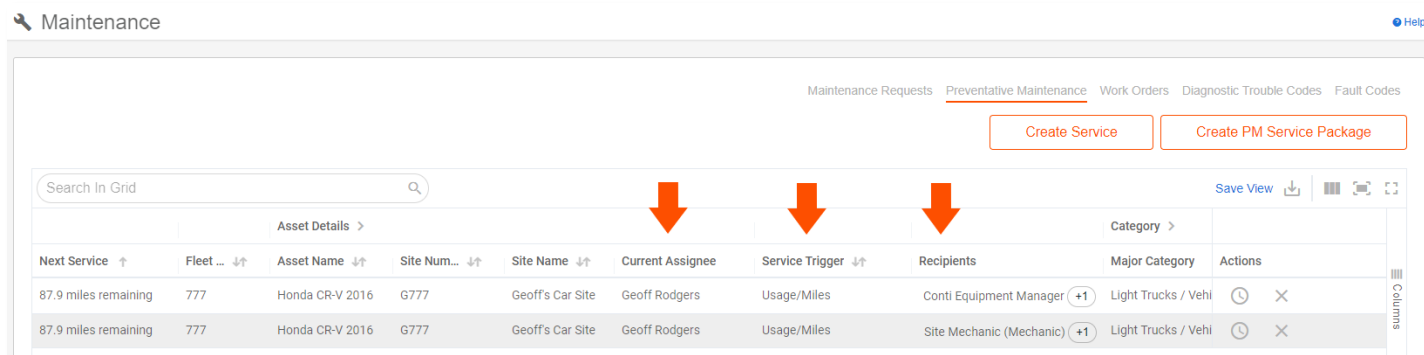
Maintenance Requests

New data columns make it even easier to sort and find the requests you need.

View, sort and filter by new columns: Asset Name and Current Assignee. In addition, a new data field for Resolved Date/Time provides the specific date and time that a request status was changed to Resolved.

Maintenance Request Filters

Find the status of Maintenance Requests quickly with Maintenance Request Filters.

Get straight to the most important requests with Maintenance Request Filters.

Sort by:

- **Date needed** to find the most pressing requests first.

- **Request status** to see where critical assets are in their maintenance stage.

- **Sites, request dates, or requestors** to answer questions and confirm that projects are not being delayed.

Maintenance Mechanic Assignments

SNEAK PEEK

Assign mechanics to Maintenance Requests from both the desktop platform and the Tenna App.

In our ongoing commitment to making Tenna easier and more comprehensive from the shop, office, *and* field, mechanics can be assigned to Maintenance Requests from either the desktop platform or the mobile app.

Mechanics receive a notification as soon as they are assigned and can access it to begin planning. Simplify and speed up the maintenance process to get assets back in billable service and keep projects on schedule.
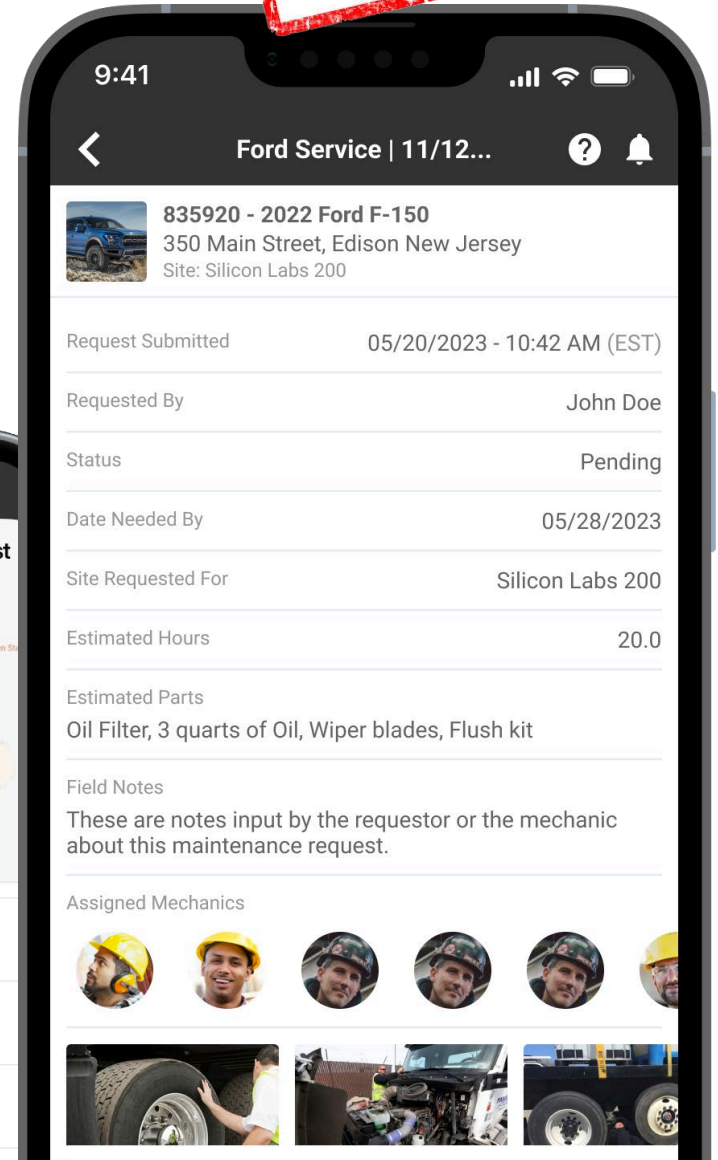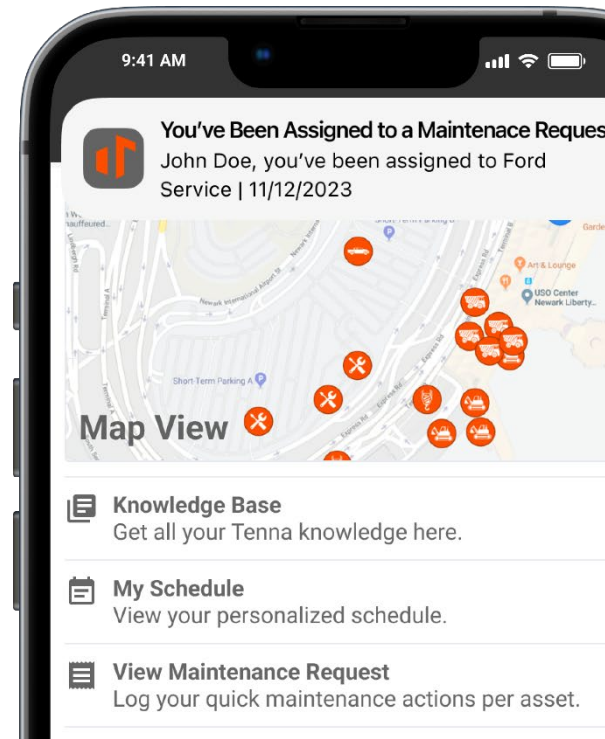
Maintenance Work Orders

Create Work Orders even if there are no existing Maintenance Requests.

The new Work Order flow allows users to put work in motion, even if a maintenance request was not previously created for that asset.

- Use the new Settings panel to easily filter assets.

- If a Maintenance Request does not exist, make one on the fly.

- Also create Work Orders from the Asset Detail page.

Maintenance Work Order Smart Tabs

New Smart Tabs make it easier to review, assign, and approve Work Orders.

All

All Work Orders regardless of their status or start date/end date. Matches existing grid but with considerable performance improvements including pagination and Export All.

Upcoming

Work Orders with status Not Started and a Scheduled End Date. Best list to review which work orders need to be planned and assigned.

In Progress

Work Orders with status In Progress. Best list to manage the work currently being done.

Overdue

Work Orders with a Scheduled End Data in the past. Best list to focus on for immediate attention.

Completed

Work Orders with status Completed. Best list for historical records of work completed.

Pin your favorite tab!

Maintenance Work Orders Enhancements

Additional data columns and improved email notifications make it easier to manage Work Orders.

View, sort, and filter by new data columns to help prioritize needed maintenance:

- Current Hours

- Current Miles

In addition, the Work Order email notifications now include a link to view the associated Work Order details.
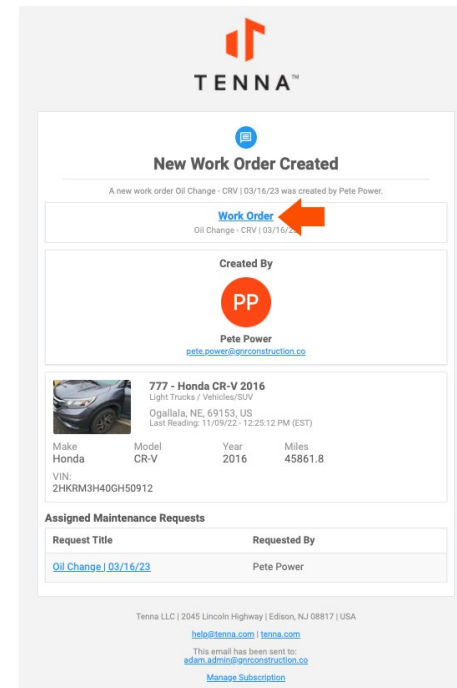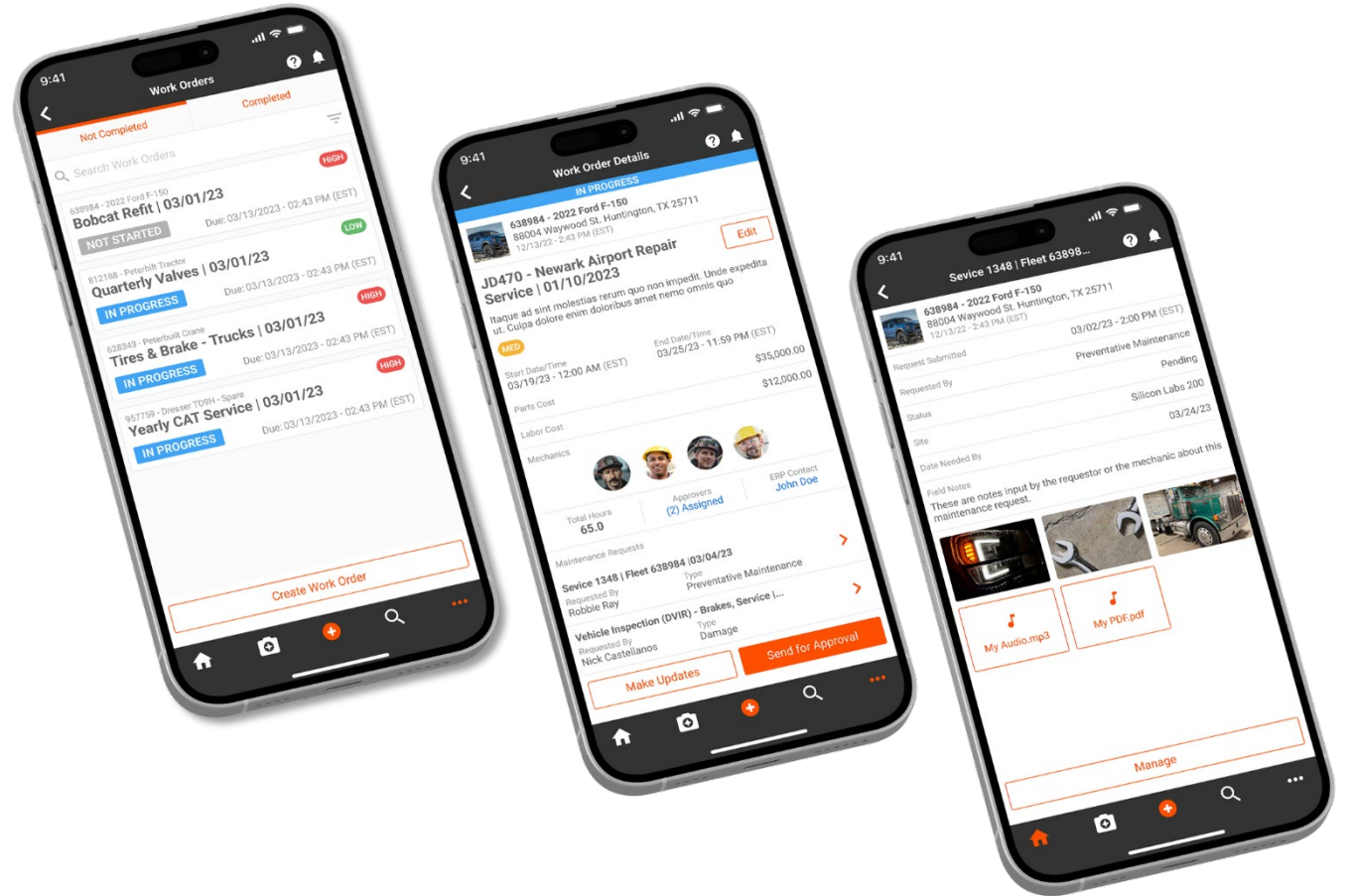
Maintenance Mobile Work Orders

Create Work Orders from the field with the Tenna Mobile App.

Tenna users in the field are front and center with equipment and vehicles that need maintenance and repairs.

- Access Work Orders via the Work Order List, More Menu, or Maintenance Request Details pages.

- Edit all aspects of the Work Order Details. With the new Make Updates button, update Maintenance Requests and Parts and Labor Costs.

- Select the Manage button to resolve, decline, or create a Work Order from the Maintenance Request Details page. No need to jump to different pages within the app.

Maintenance Other Enhancements

We take every opportunity to
make big and small changes that
improve your Tenna experience.

- Enhanced Filter Panel

- Enhanced UI and pop overs across grids

- Enhanced Work Order grid within the Asset
  Detail page

- Work Order "Export All Results" includes
  your Notes field
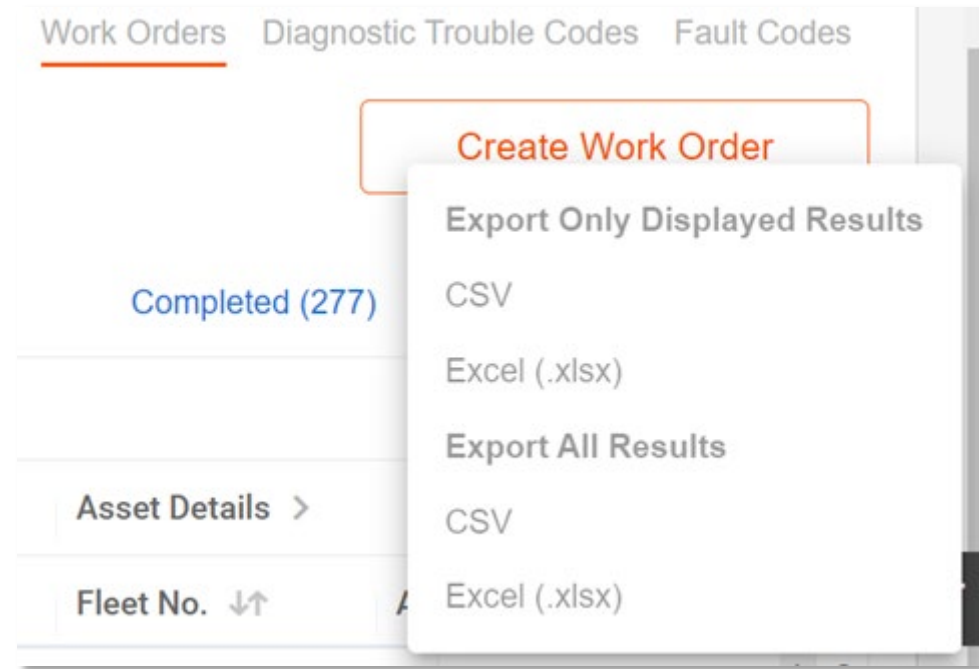
Reports Net Working Hours NEW!

Get a complete view of an asset's productivity, all in one streamlined report.

- View Hours Accumulated, Idle Time Accumulated, and Net Work Hours.

- Available with trackers that support trip and cycle reporting, including AEMP assets.

- Gives an accurate and reliable picture of an asset's productivity, as it calculates Net Working Hours by subtracting idling hours from run time.

- Includes Filters, Date Range picker, Export Displayed, Export All, and Pagination.

Reports Idling v.2

Idling gets an upgrade— and now includes AEMP.

Idling data is vital for saving wear and tear on machines and vehicles, as well as saving fuel costs. The Idling Report:

- Works with trackers capable of reporting for trips and cycles.

- Now includes AEMP assets (which can be shown or hidden).

- Has weekly and monthly data ranges.

- Has improved pagination and backend optimized performance.

Reports Utilization Enhancements

Multiple enhancements are improving the performance of Utilization reports.

- Faster refresh rate of Utilization data.

- New Settings include a toggle for AEMP assets to be shown in the report.

- Site Utilization performance and calculations of trips spanning multiple days have been improved.

Data in red highlights assets that may be underutilized based on your low utilization threshold mark in Settings.

Reports Geofence Enter and Exit

Easily spot what's coming and going.

Asset Category Icons are now displayed within the Geofence Enter and Exit Report for better visibility of the distinction between assets.

The report also has improved page performance with pagination updates, as well as added support for Export All and Export Displayed results.

Reports Other Enhancements

We are constantly improving the performance and benefits of the Tenna Reports you rely on for your business.

Hours and Miles Reports
Filters now persist through refreshes of the Hours and Miles Reports. You will also see display enhancements for error and loading messages and larger columns.

Owned/Rental Financial Information Reports
Improvements have been made to report performance, formatting, and available filters.

Fuel Reports
Improvements have been made to display and performance of saved reports.

Integrations Procore Enhancements

The Tenna↔Procore Integration provides accurate, timely site and asset utilization data to Procore's Daily Log.

The utilization is provided by Tenna trackers and/or OEM integrations, so it is accurate and precise without the need for 'manual hours entries' to take place in the field.

Users can now login to Procore directly in Tenna's Settings tab to view the status and details of the latest sync.

- Configure Equipment Log settings and enter multiple Procore company IDs.

- Configure which assets are sent to Procore's Daily Log based on tracker type, including non-powered assets and/or assets that do not report site utilization. This provides a complete and automated list of all attachments, equipment, vehicles, and tools located at job sites.

Integrations OEM Enhancements

We've improved the way OEM data integrates with Tenna.

New columns for OEM-provided data make it easier to map OEM records to Tenna assets:

- Last Location (with a map pop over)

- Last Location Time

- Total Hours

- Total Miles

Users can select Export All to download a report of the OEM data. Hours will be automatically adjusted for mapped assets the first time they are received from the OEM via AEMP. This will be captured in the Log of Manual Updates to Hours found within the Asset Details page.

Enhancements Data Access Control Notifications

Use Data Access Control to send notifications only for assets to which users have access.

Using Data Access Control for notifications streamlines and simplifies the workday for users. Updated notifications include:

- Tracker Installation Verification Status

- Tracker Offline

- Tracker Unplugged

- Tracker Pending Verification

- DVIR Submission Marked as Failed

- DVIR with Issues Resolved

- Hard Acceleration or Braking

- Missed Inspection

- Speeding

- Vehicle Driven without a DVIR Inspection

Enhancements Asset Uploads

Upload Asset images like a pro with an improved photo management tool.

The improved photo management screen layout, with default image markers, a crop tool, and improved drag and drop, makes it easier to upload multiple images of assets to track changes, damage, and more.
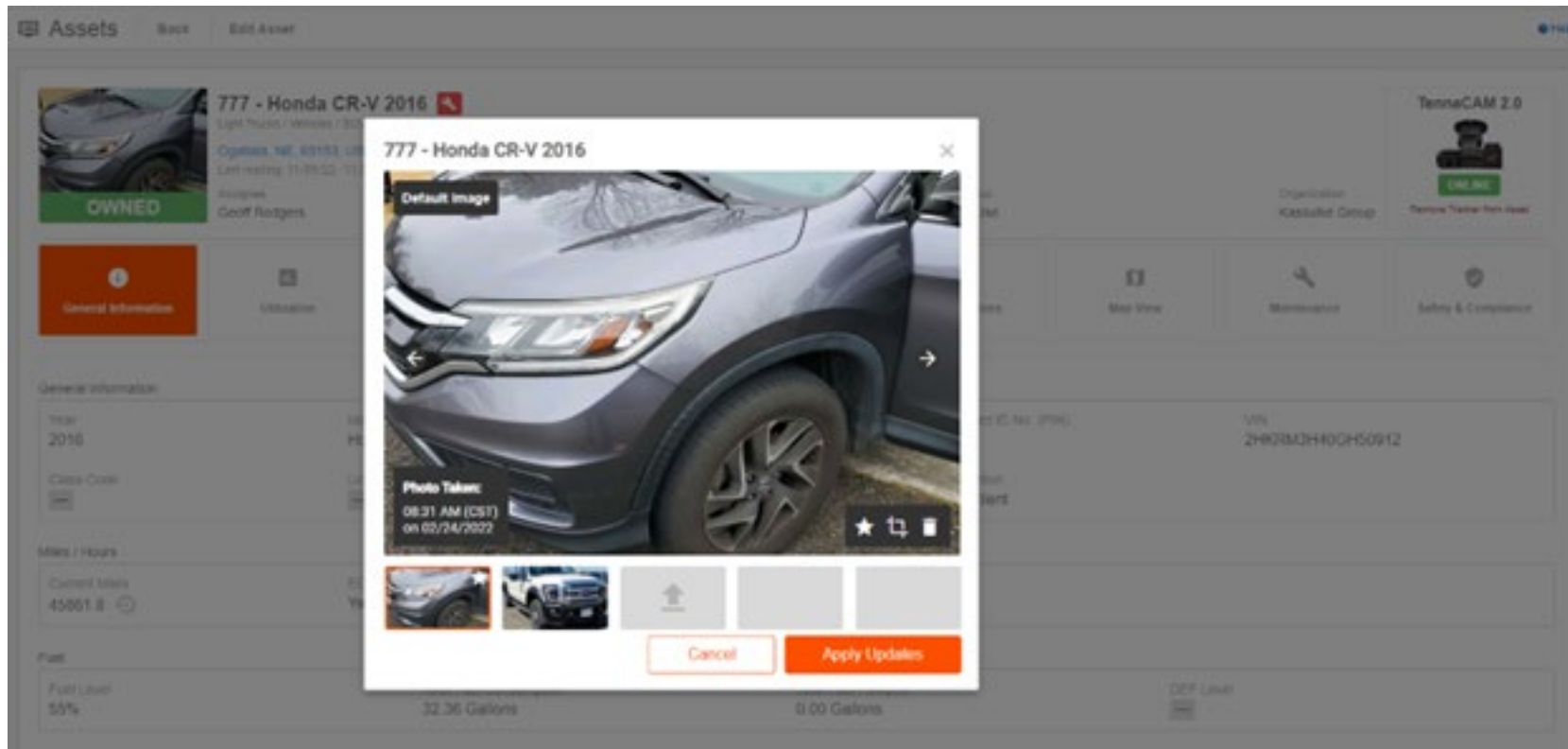
TennaCAM 2.0 Obstruction Detection

AI functionality is expanded with new in-cabin alerts for Obstruction Detection.

The latest TennaCAM 2.0 firmware includes the ability to enable a new in-cabin Obstruction Detection alert.

- Detects if the cabin-facing camera is blocked from recording in-cabin actions and issues an audio alert to the driver.

- Helps drivers know when their cabin-facing camera is blocked or incorrectly angled so they can correct it.

- Deters drivers from deliberately covering the camera.

Hat covering TennaCAM 2.0 lens

Mobile App Map Asset Clustering

Asset clustering makes the Tenna Mobile App Master Map easier to read and scan.

Assets on the Master Map in the Tenna App will now cluster when they are within 11 meters of each other.

- The cluster displays the number of assets at that specific location.

- An asset can only be in a cluster if it is not running or engaged in PTO. When an asset starts running, it will remove itself from the cluster.

- Tapping on a cluster will display the assets at that location in a scrollable list.

Click the cluster label to see included assets.
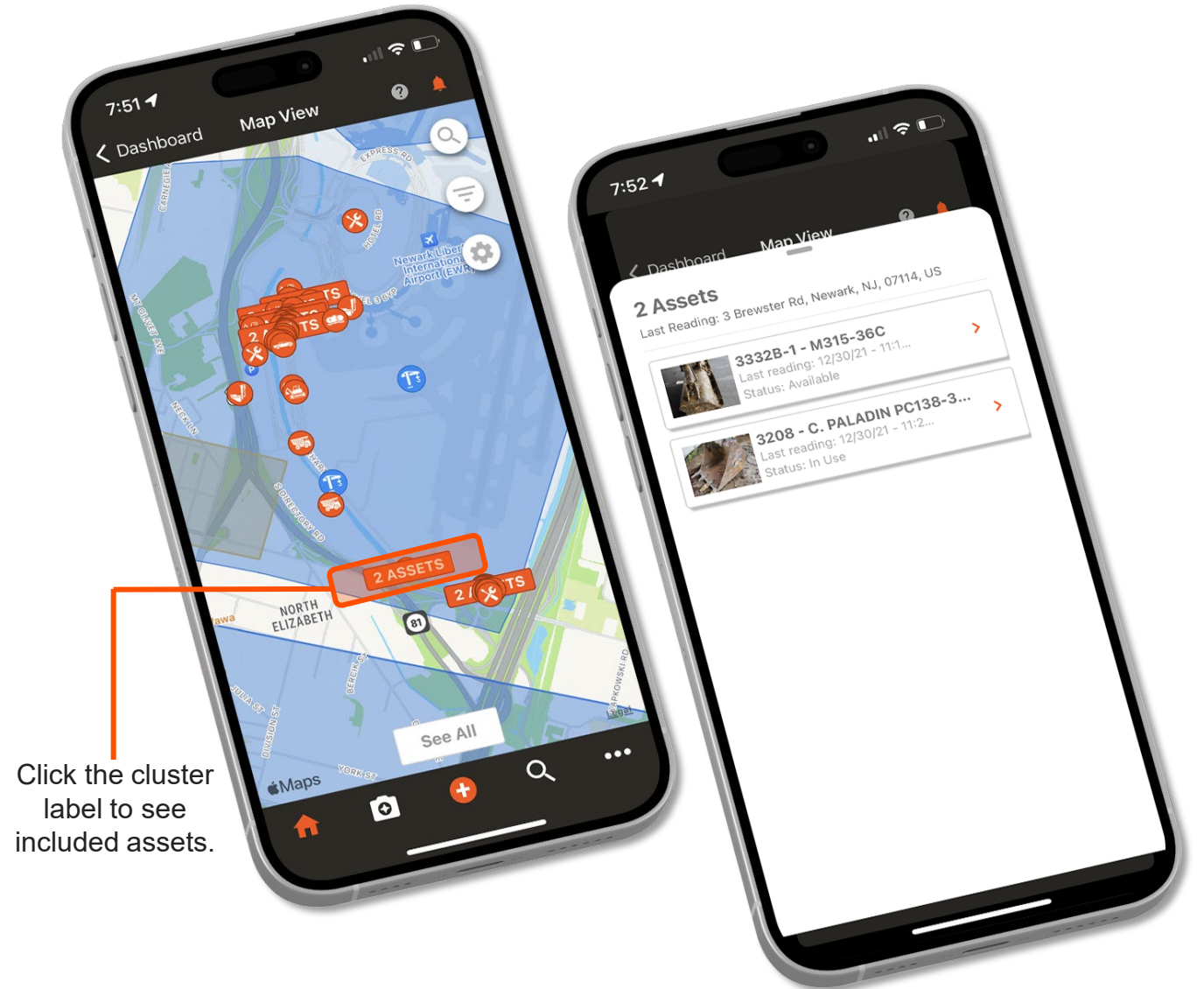
Mobile App Dispatch Confirmation

Require a signature to submit a Dispatch event.

Ensure that you are receiving the proper documentation from the field by (optionally) requiring a Dispatch signature.
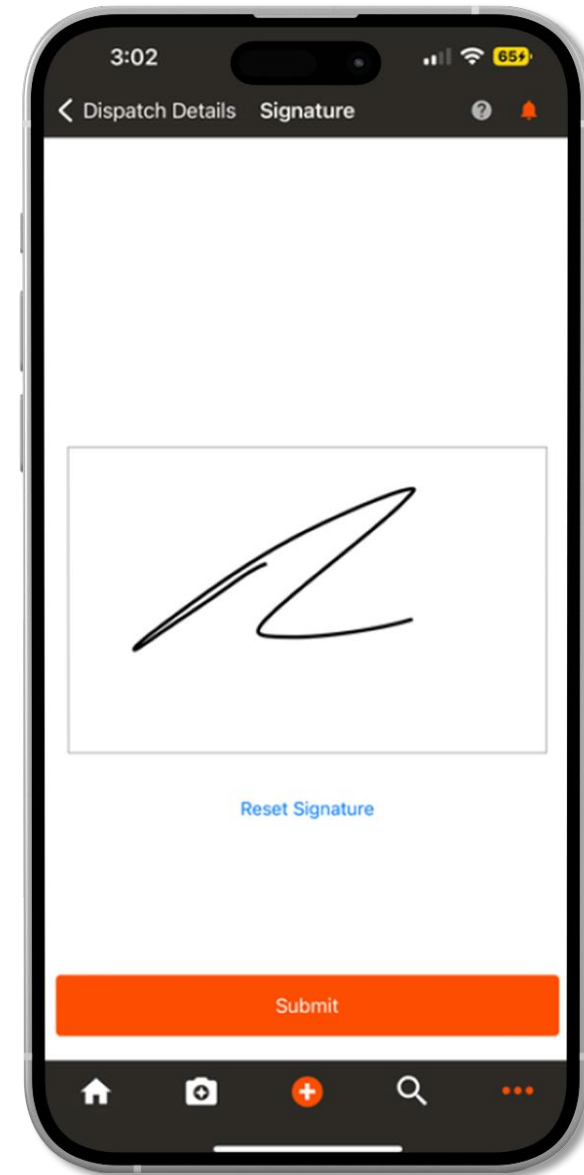
Mobile App Search Enhancements

The Mobile Search tab has had a face lift and other improvements.

New Buttons
Asset, Site, and Category make it easy to start searching.

New Filters
The four most recent will be displayed or View All to see, edit, or delete all created filters.

Global Search Settings
Toggle on/off all the searchable parameters for Sites and Assets (mirroring Tenna Online).

Clear Searches
Clear the entire search history or individual searches.
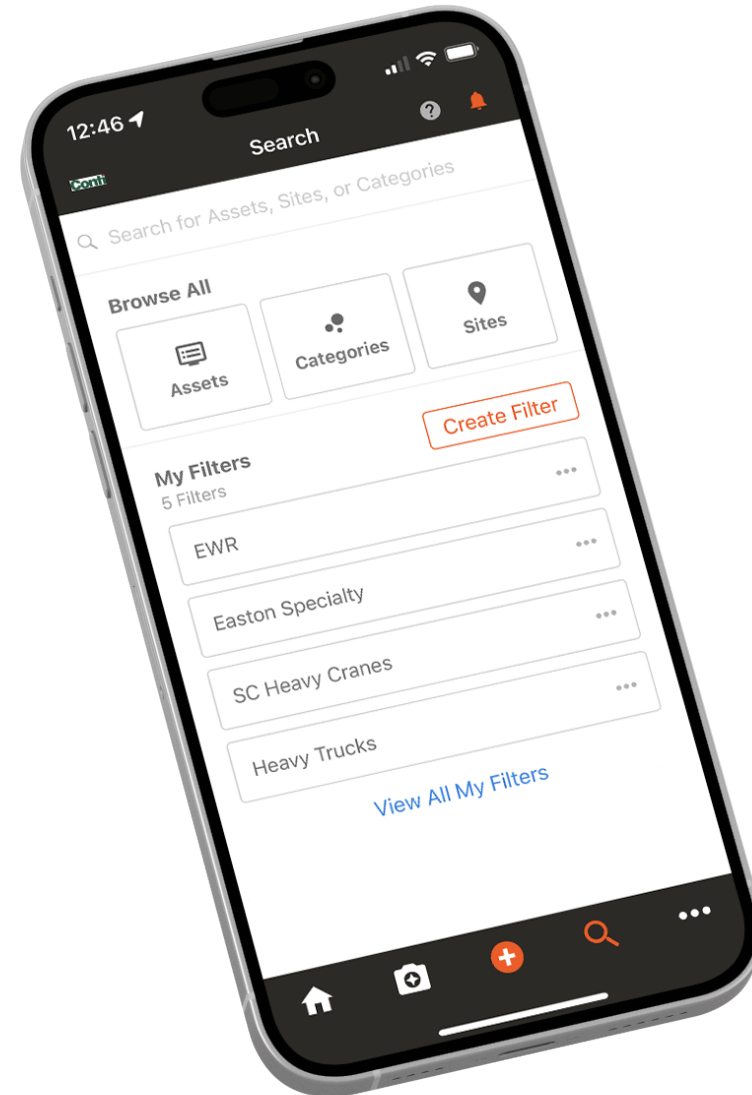
Mobile App View Searches In Map

View searched assets on the map with the View in Map action.

The button is available when a search or at least one filter is applied to the list. This includes filters applied to the list by:

- Selecting a Site from the Site List.

- Selecting a Category from the Category List.

- The Filter Panel.

- A Dashboard Widget that navigates the user to the asset list.

- Assets Left Behind.

- Tracker Offline.

- My Assets.

- Selecting a Saved Filter (My Filters).
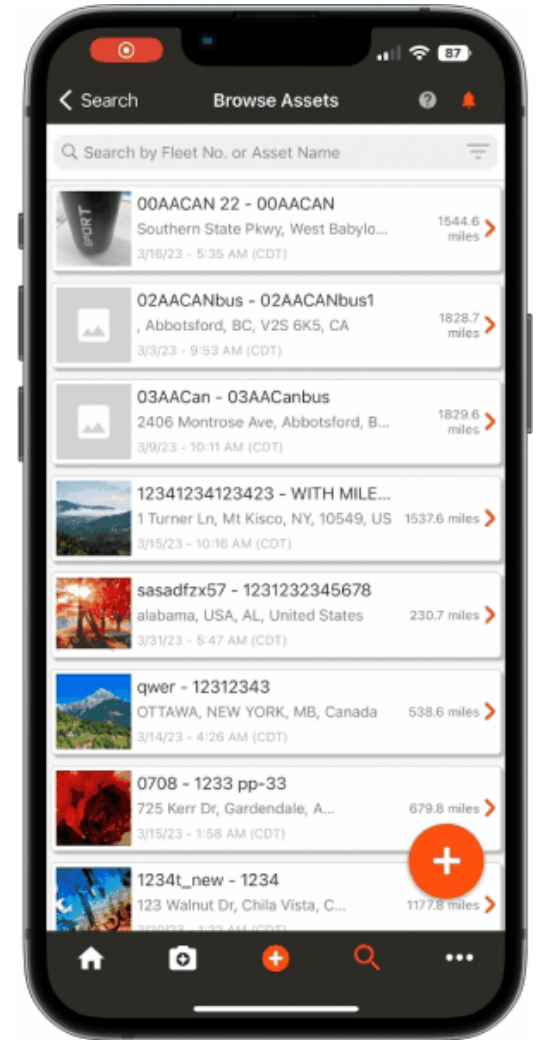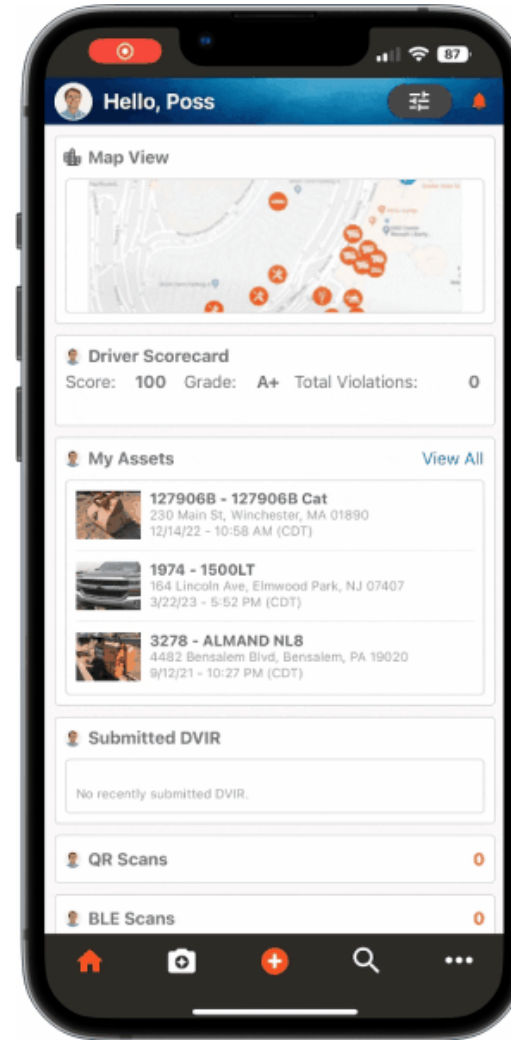
Preview Tracker Installation & Verification

SNEAK PEEK

Document installations thoroughly for better troubleshooting and verifications of *all* trackers.

During the installation process, installers will be prompted to capture photos of relevant steps such as ignition wiring, power wiring, odometers, and hour meters. (Currently only TennaCAM 2.0 and BLE have this function.)

This simple but important feature will make it easier for mechanics and Tenna support teams to troubleshoot tracker issues and pinpoint problems, saving time and money while getting assets into the field more quickly.

9:41

Step 7

Capture Installation Photos

Capture one or more photos of the installation.

Add Photo

Delete Photo
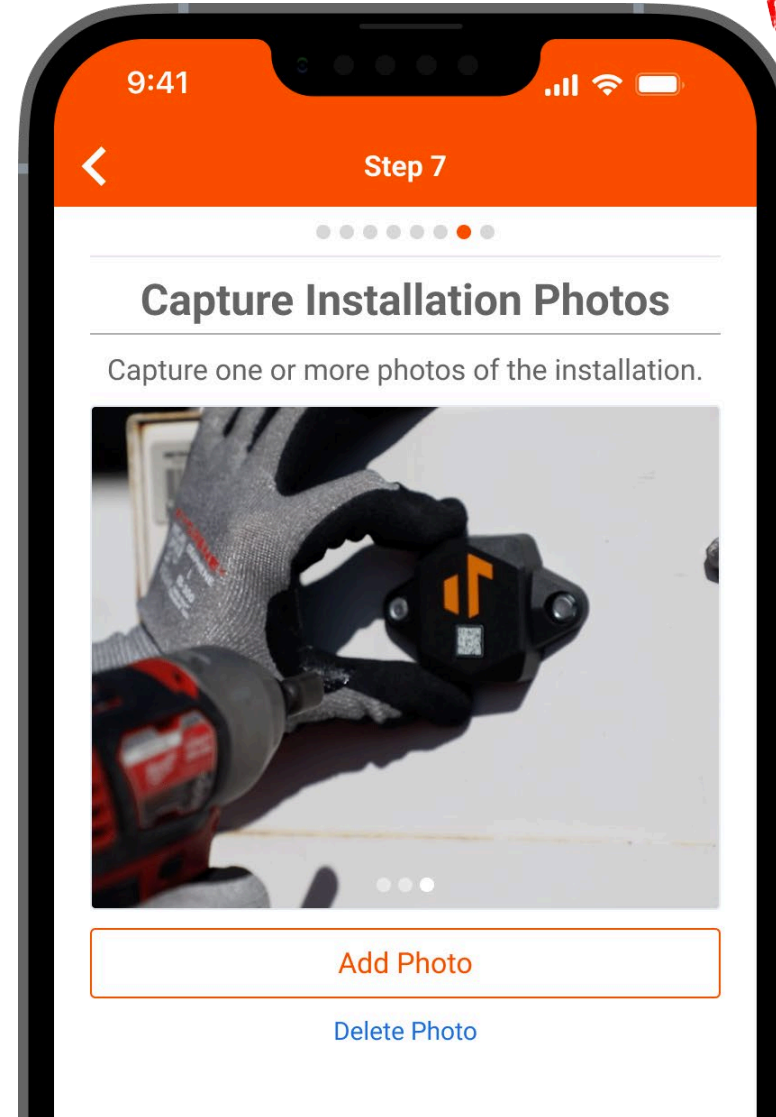
Stay Connected

TennaSHOP

The TennaSHOP LinkedIn Group is a place for Tenna users to connect with one another to:

- Ask questions
- Talk about new and unique use cases
- Share best practices
- Share information about integrations
- Swap success stories

https://www.linkedin.com/groups/9034188/

Come and see us! We'll be speaking or exhibiting at the following events:

NUCA "Cool New Stuff"
May 10
San Antonio, TX

**Women of Asphalt Colorado
Third Annual Golf Tournament**
May 12
Lakewood, CO

More Chances To Learn

TennaU: Hardware

May 19, 2023
1 p.m. EDT

Thank You