PRODUCT & OPERATOR GUIDE

Center Pivot Retrofit

Remote control and machine feedback for compatible electric center pivots.



Illustrative field scene. Actual retrofit scope depends on the original panel and the site.

US$799 · Hardware
One-time equipment price. Check the quotation for installation and site-specific work.

US$99 per year · Platform
Software control platform, including 4G/5G network fees.

US$9.90 per month · AI
Optional monitoring analysis subscription.

Read by role. Farm operators use the App. Administrators manage equipment and access in the web console. Installers use the companion field guide.

Open the task index

BEFORE YOU BUY

Can I retrofit my existing pivot?

Start with the original panel, its available feedback and cellular service at the site.

Original machine
Existing controls, safety chain and motor control.

›

Retrofit interface
Sends requests and reads isolated or approved feedback.

›

App and console
Displays returned state and history.

What to verify	What to collect	Why it matters
Original equipment	Panel make, model or photos, electrical diagram revision and existing local controls.	The installed machine defines compatible interfaces and limits.
Travel feedback	Independent availability for run, forward, reverse, faults and local mode.	The App uses returned signals to distinguish status from a request.
Options	Installed main water, end gun, tower sensors, pressure or flow, and monitoring equipment.	Water and other options have separate inputs, tests and quote items.
Network	Country, carrier, coverage at both cabinets, compatible bands and SIM.	4G is the reference configuration. Where supported, 5G depends on the supplied gateway and local service.

Have a model number missing? Give the location, machine type and what you need it to do. Your installer can confirm how the original panel is wired before integration.

The companion field guide includes a site survey, signal mapping worksheet and acceptance sheets.

EVERY OPERATOR SHOULD KNOW

Read a request and its result

Status in the App follows information that is available on the connected machine.

1. Requested
The operator confirms Start or Stop.

›

2. Returned
The controller reports the request result and configured input state.

›

3. Observed
Site personnel witness actual travel, standstill or water.

What appears	What the operator can infer	What to check next
Command submitted	The application accepted the request for processing.	Check the current connection and wait for the machine result.
Running in reverse	The demo shows returned run and reverse inputs. A commissioned installation must supply and validate these inputs.	Check last contact and actual direction during field acceptance.
Stopped / stop confirmed	The reported stop state followed the input transition in the demonstration.	Observe physical standstill locally. Measure stopping distance during commissioning.
Position appears on the map	A location was reported with a time and source.	Check freshness and GPS status. Confirm water with an appropriate independent measurement.

How evidence appears in this guide

- Full-screen walkthroughs show the actual English software with training records and simulated equipment feedback.
- Bench reports measure controller outputs and independent contact states with a test harness.
- Field verification records actual machine movement, stopping, water and network behaviour on a specific installation.

> **Independent feedback matters.** During commissioning, compare the App result and web history against the same equipment, time and field observation.

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Owner App tasks

Open any task to reach its first full-screen step. Each sheet includes a link back to the contents.

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Web Administration tasks

Use a training account or a commissioned machine with the appropriate authority.

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24 Review the audit trail and distinguish equipment history — Audit trail · 117

Product support Use the exact equipment name and event time when reporting unexpected behaviour. A screenshot of the full workspace helps identify the selected account, equipment and status.

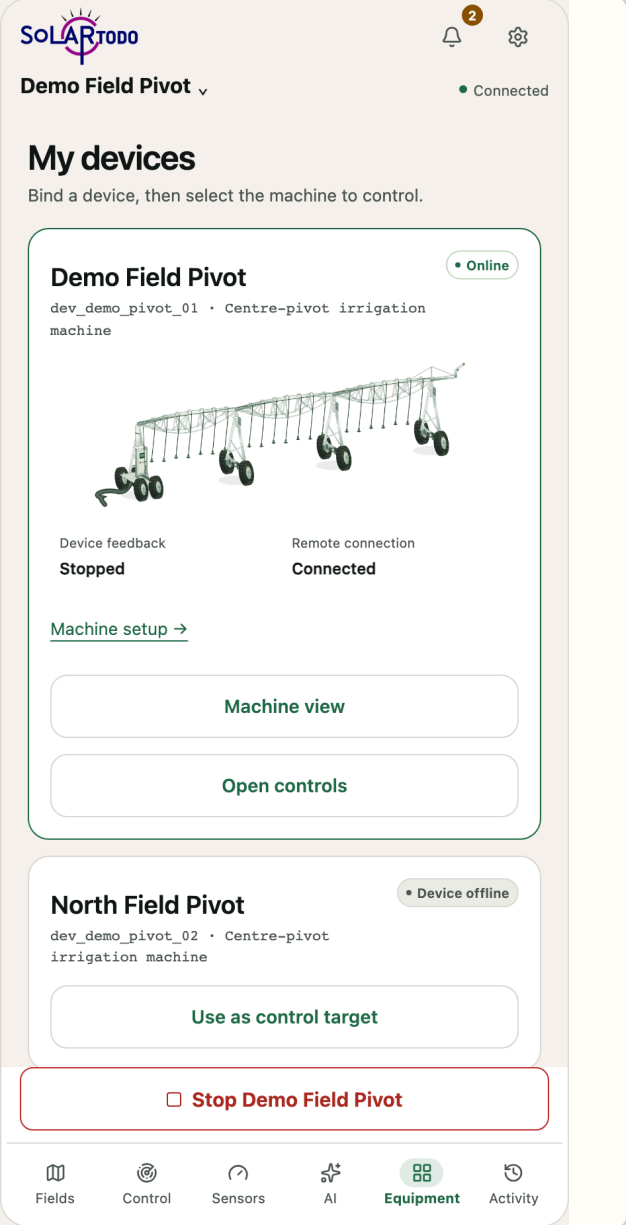
Field installation See the separate Field Wiring & Commissioning Guide for panel interfaces, independent feedback mapping and commissioning procedures.

TASK 01 · FIELDS

Select a pivot and check its location

Steps 1–2 of 4

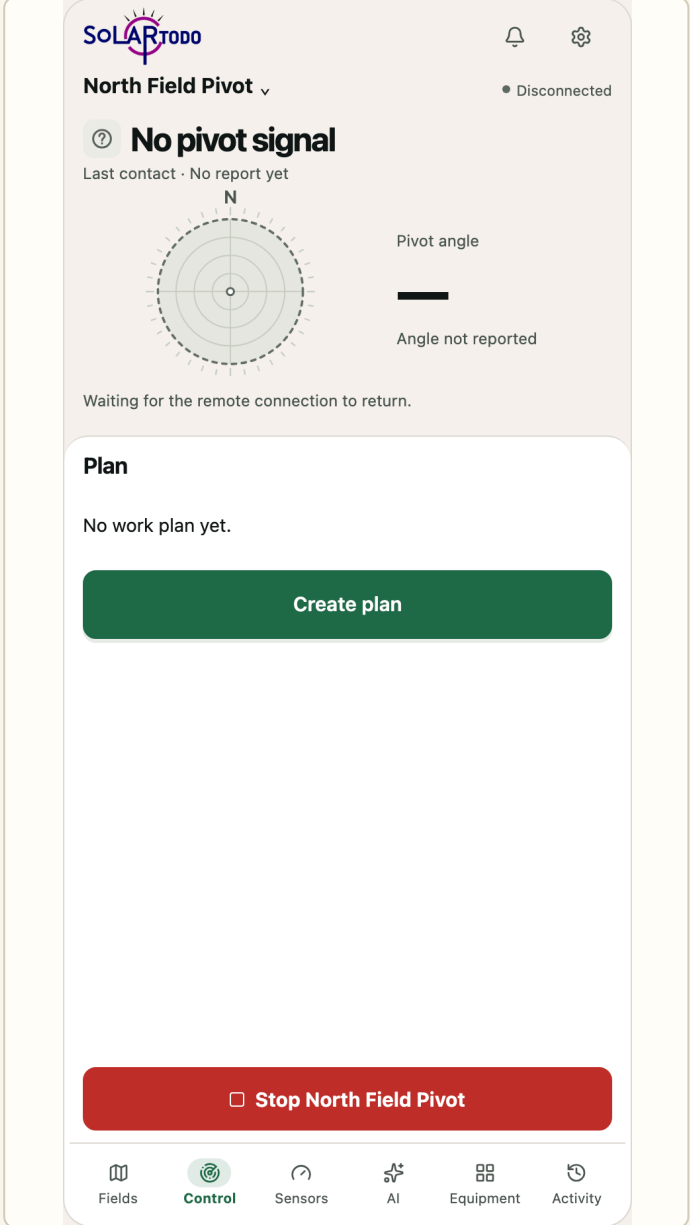
This guide shows simulated GPS reports on USDA NAIP aerial imagery of a U.S. demonstration field. Map services and data available from U.S. Geological Survey, National Geospatial Program. Sign in with a grower account.



01 Open Equipment

Tap Equipment on the bottom navigation. Find the center pivot by its site name.

Check The selected pivot is marked in the list and shown in the header.



02 Switch to the other pivot

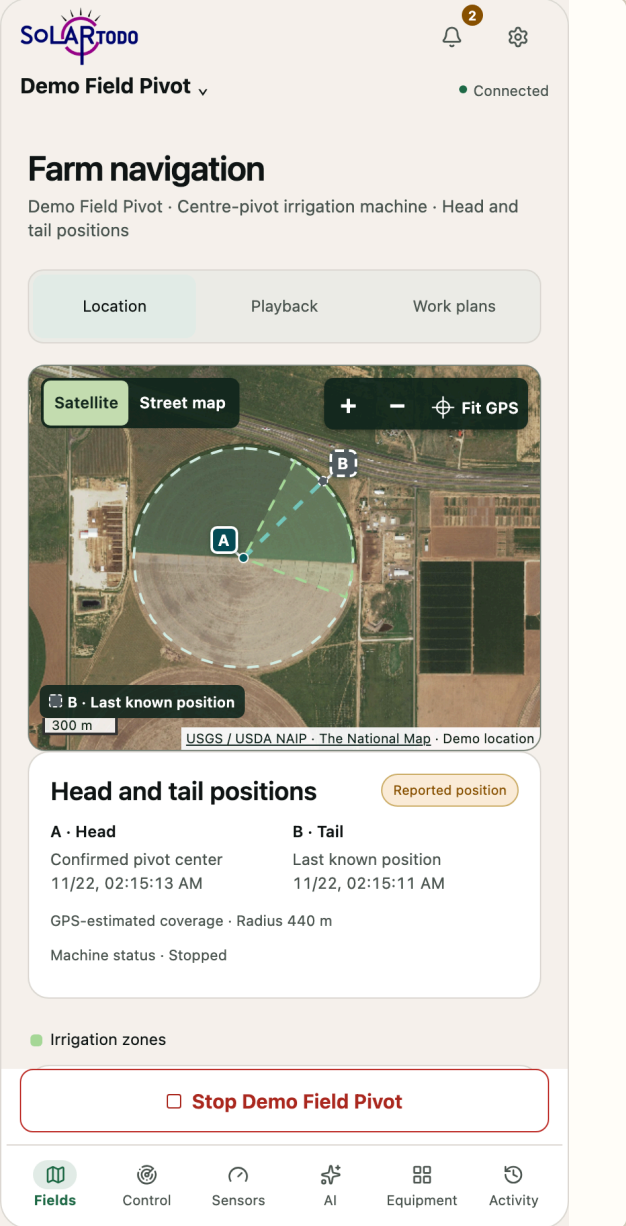
Choose North Field Pivot. The training account contains two pivots so you can see the difference.

Check North Field Pivot replaces the previous target in the header. It is offline in this rehearsal.

TASK 01 · FIELDS

Select a pivot and check its location

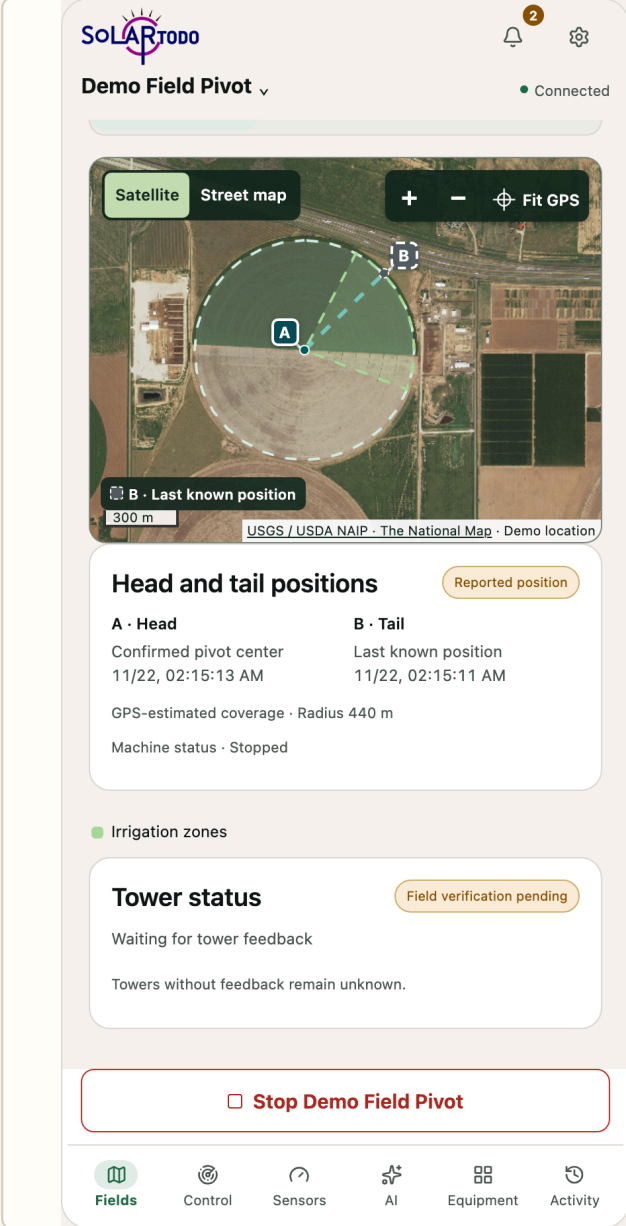
Steps 3–4 of 4



03 Open the live field view

Return to Demo Field Pivot. Tap Fields, open Location, then select Satellite. Tap Fit GPS to center the map on the pivot.

Check The heading names the selected pivot and the map shows both receiver markers.



04 Check the center and end receiver

Find marker A at the pivot center and marker B at the end receiver. Scroll to Head and tail positions to read the two report times.

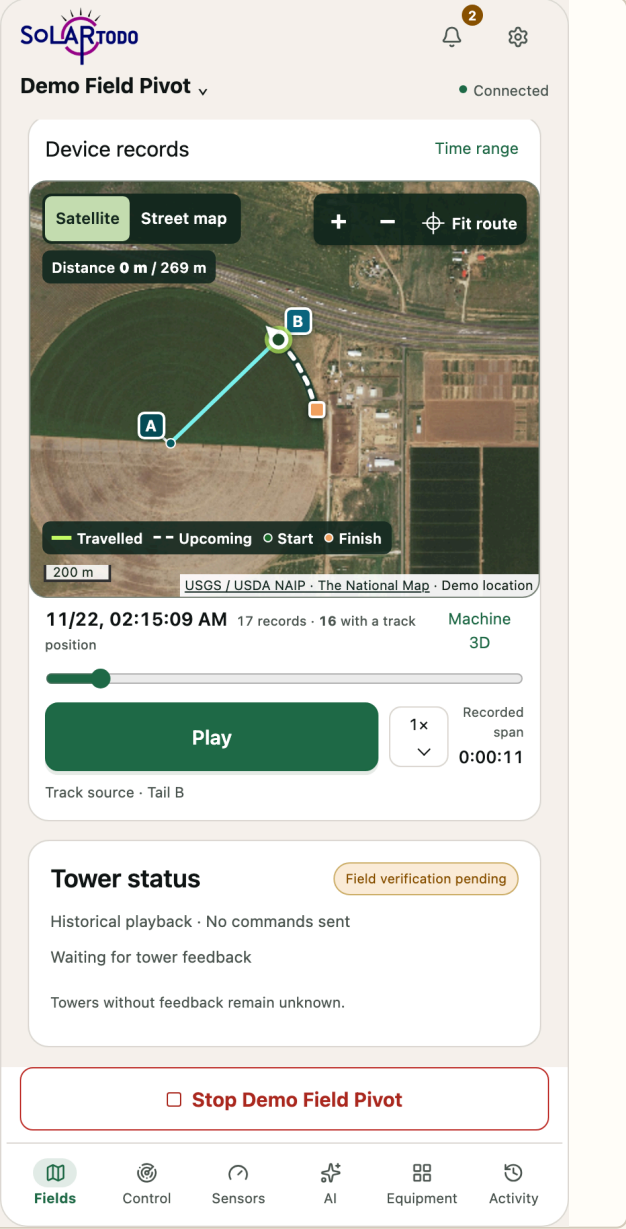
Check Read the timestamps for A and B. If B says Last known position, use its timestamp to judge how old the fix is.

TASK 02 · FIELDS

Replay a recorded track and open the 3D view

Steps 1–2 of 7

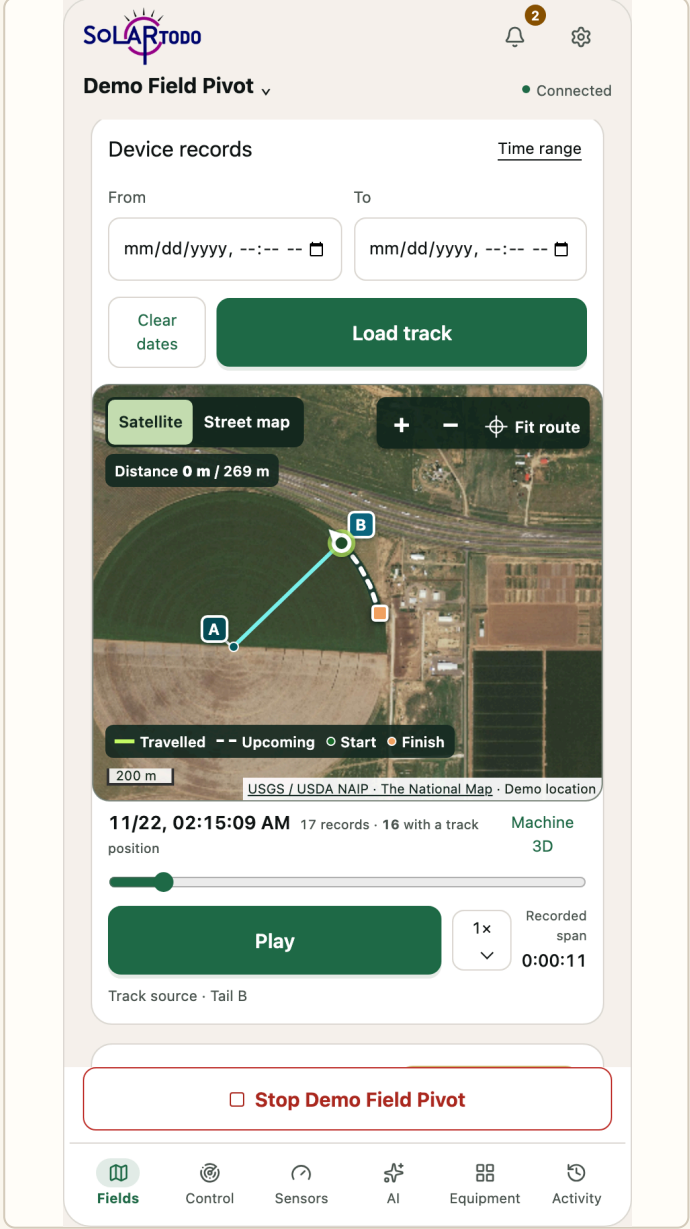
Review where the pivot was previously reported and inspect a selected instant. Select a pivot with stored location reports.



01 Open location history

Open Fields and tap Playback.

Check The heading indicates a recorded track and still names the active machine.



02 Choose the period

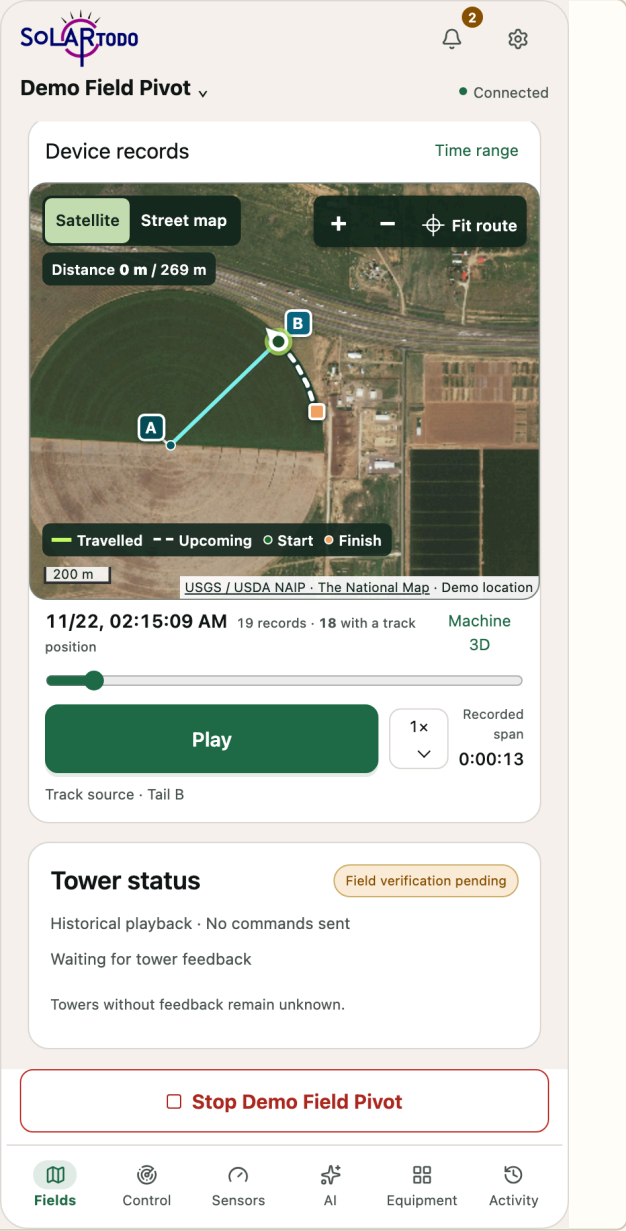
Open the track filter. Set the from and to dates, then load the records for this machine.

Check The period and reported sample counts appear in the track area.

TASK 02 · FIELDS

Replay a recorded track and open the 3D view

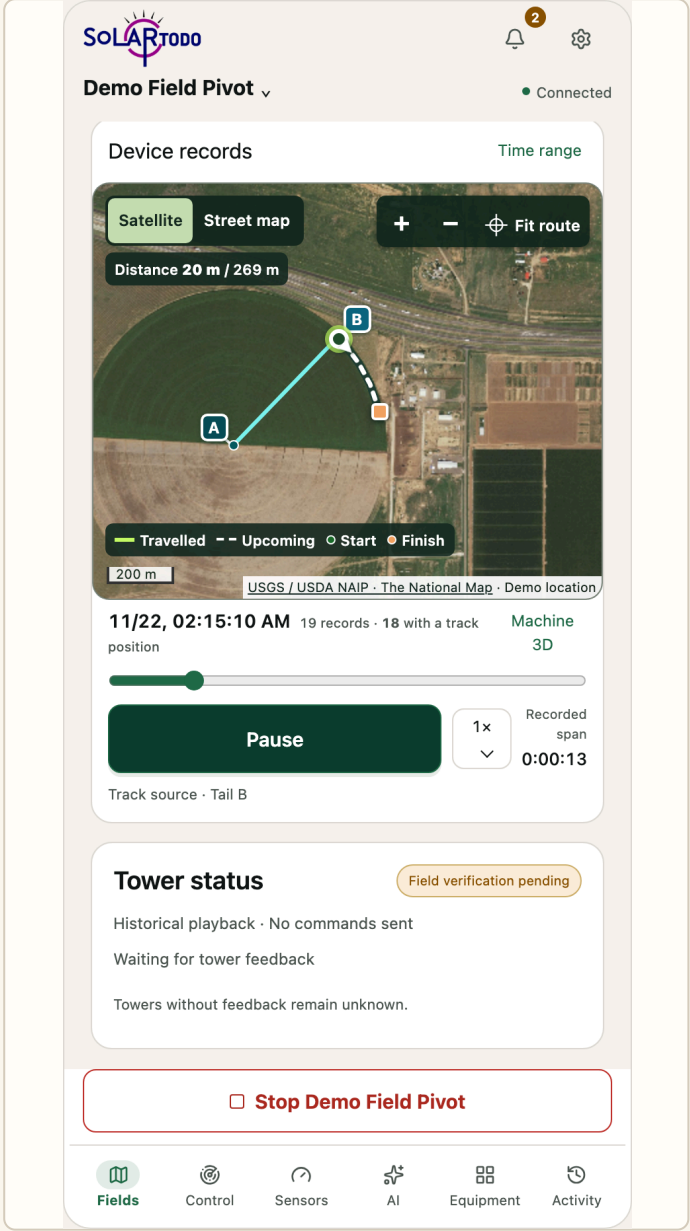
Steps 3–4 of 7



03 Read the timeline

Scroll to playback and inspect the number of usable fixes. A record without a fix may have no plottable location.

Check The timeline corresponds to recorded reports, not the current state.



04 Run playback

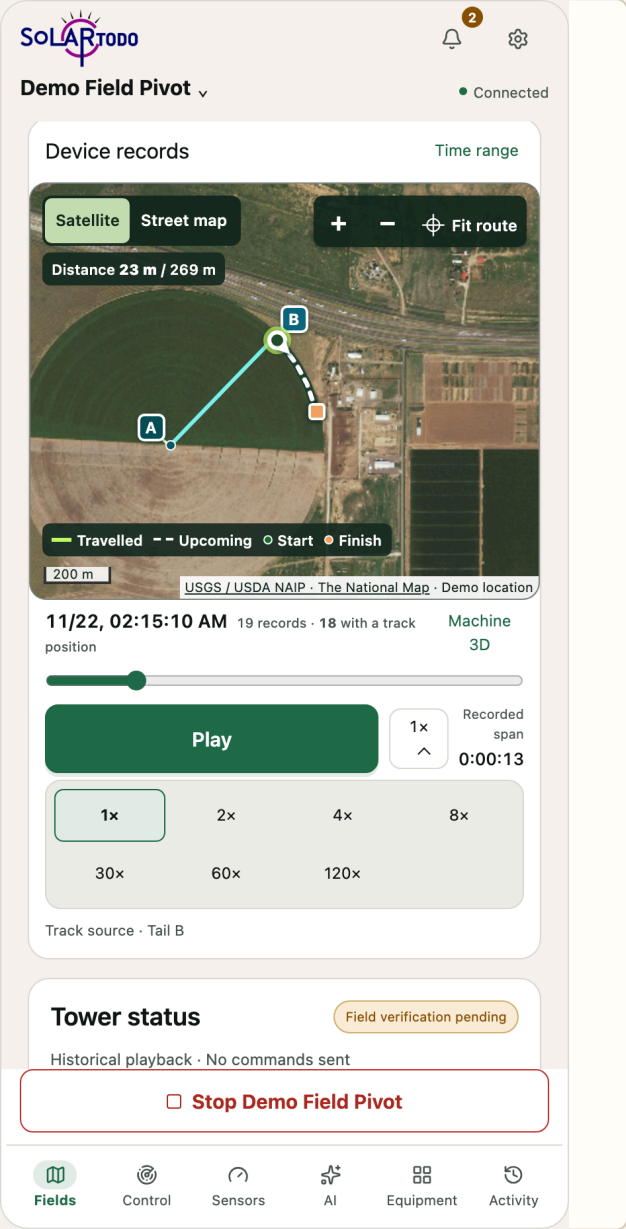
Tap Play and watch the marker and time advance.

Check The recorded position moves along the timeline when there are consecutive usable fixes.

TASK 02 · FIELDS

Replay a recorded track and open the 3D view

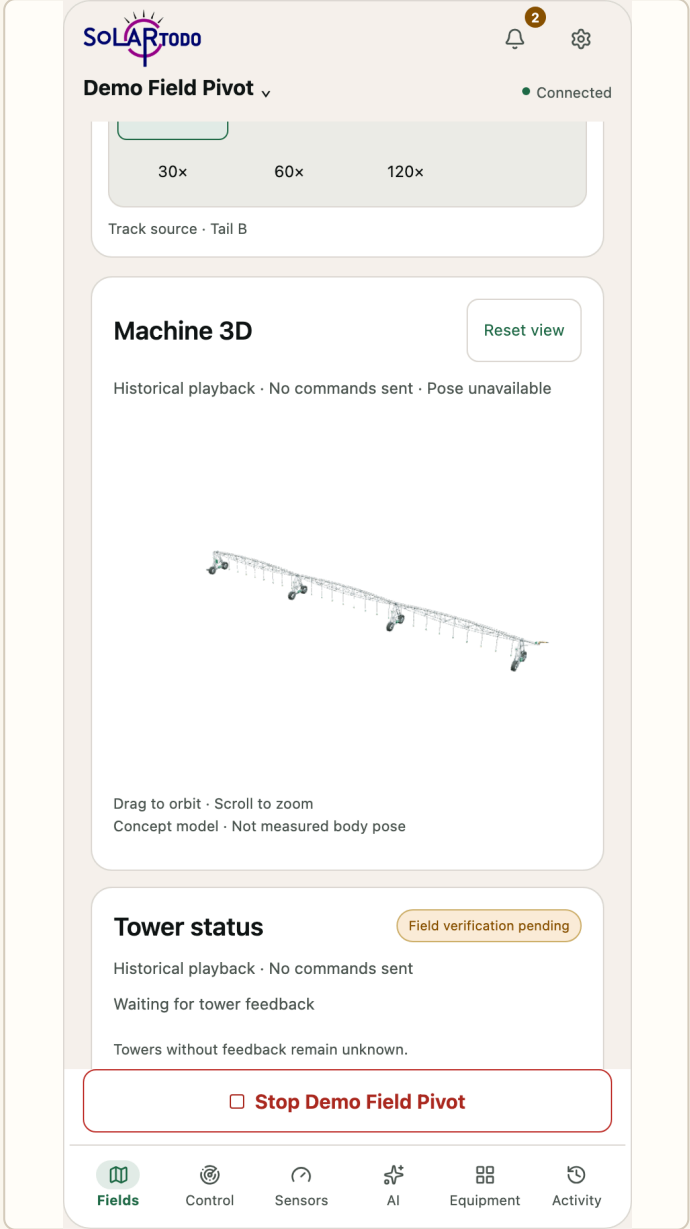
Steps 5–6 of 7



05 Review playback speeds

Open the speed control. Choose a lower speed for short intervals or a higher speed for longer histories.

Check The speed changes the playback clock only.



06 Inspect one frame in 3D

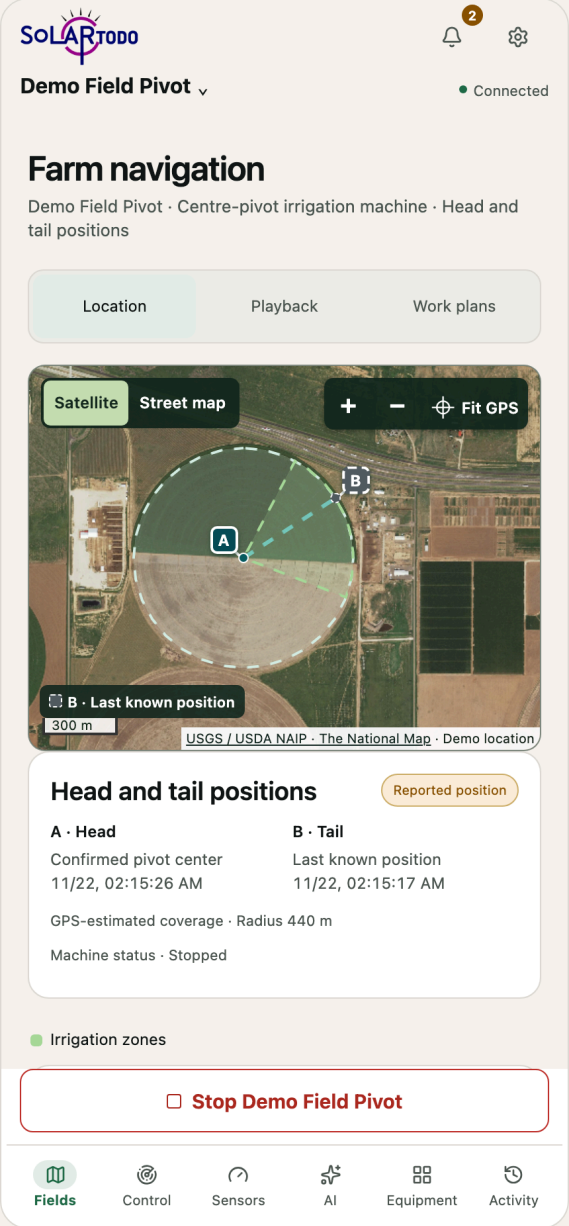
Tap Machine 3D beside the timeline and scroll to the viewer. Drag the model to see it from another angle.

Check The viewer is in historical playback. Pose unavailable means the illustration shows the machine layout without a measured pose for that instant.

TASK 02 · FIELDS

Replay a recorded track and open the 3D view

Step 7 of 7



07 Return to live

Tap Location to return to the live field view.

Check The heading changes from recorded history to the machine's live field view.

If the result differs

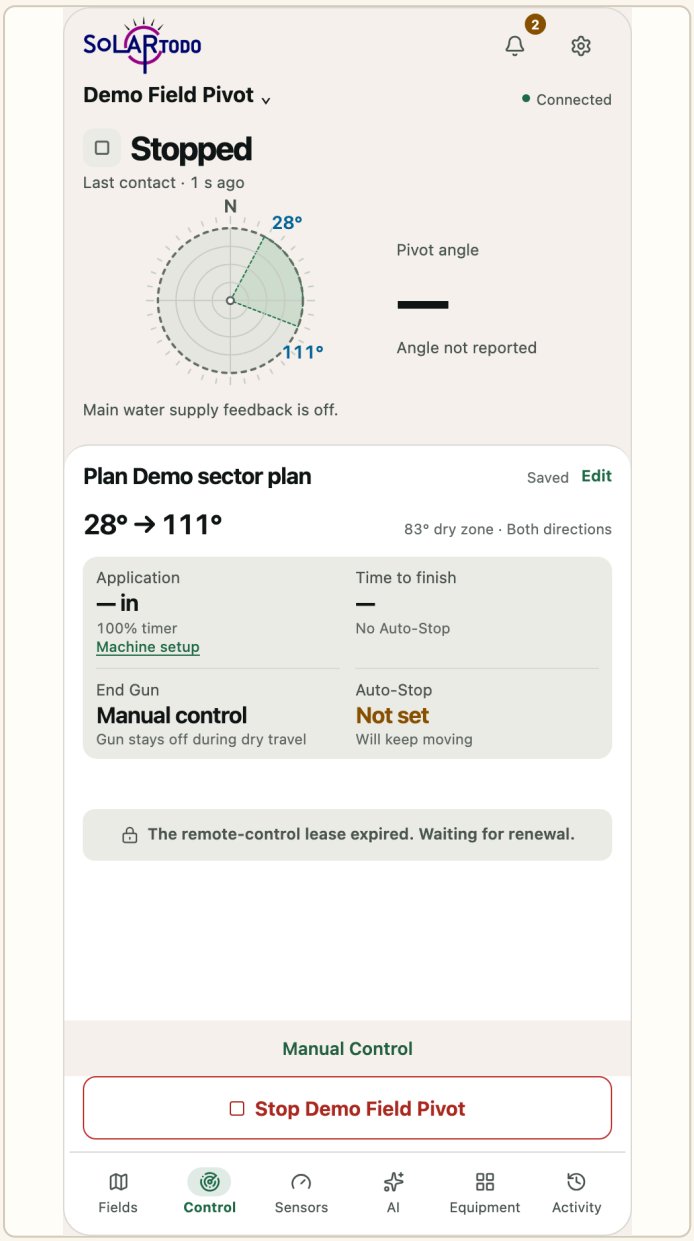
- If no trajectory is visible, choose a time range in which the selected pivot reported a usable fix.
- Return to the live tab before making a current-location decision.

TASK 03 · CONTROL

Start in reverse and verify the stop

Steps 1–2 of 11

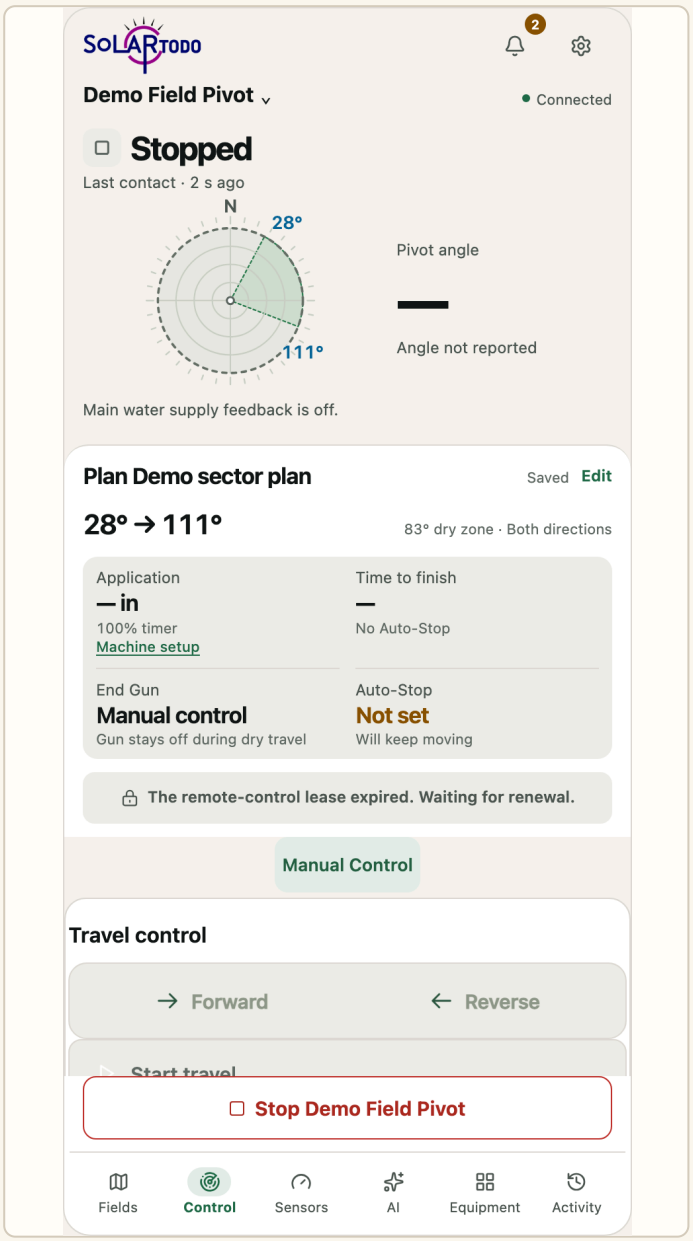
Follow the manual command from direction selection through independent run and stop feedback. The correct pivot must be selected, reachable, stopped and cleared for remote operation by the people on site.



01 Confirm the selected machine

In Control, read the pivot name and last contact time. Verify that the machine is stopped.

Check The header says Demo Field Pivot and the status reads Stopped.



02 Expand Manual Control

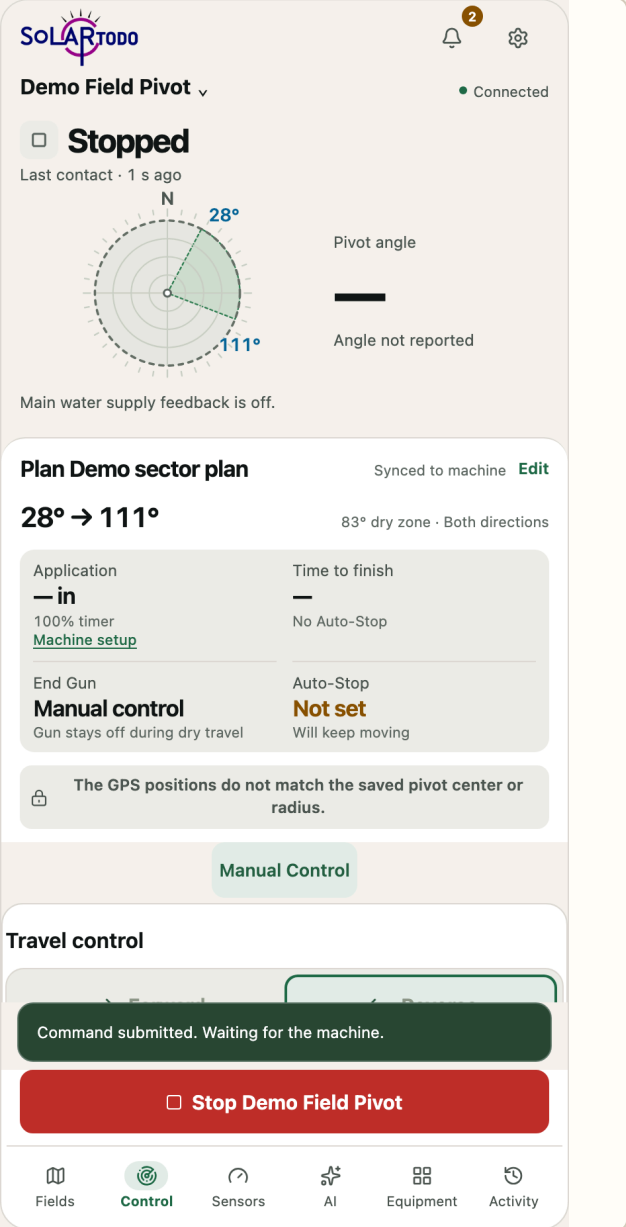
Tap Manual Control below the plan summary.

Check The direction buttons and Start control are visible.

TASK 03 · CONTROL

Start in reverse and verify the stop

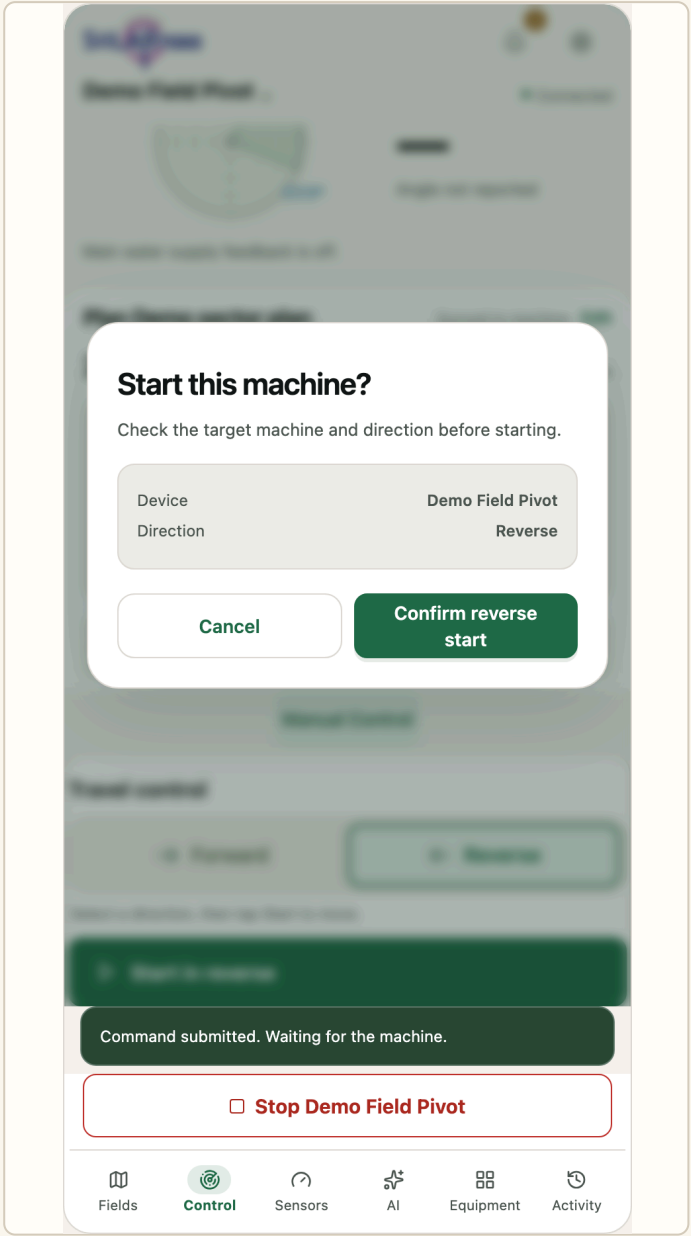
Steps 3–4 of 11



03 Select Reverse

Tap Reverse. This selects the requested direction for the next start.

Check Reverse is selected and the machine still reports Stopped.



04 Review the start dialogue

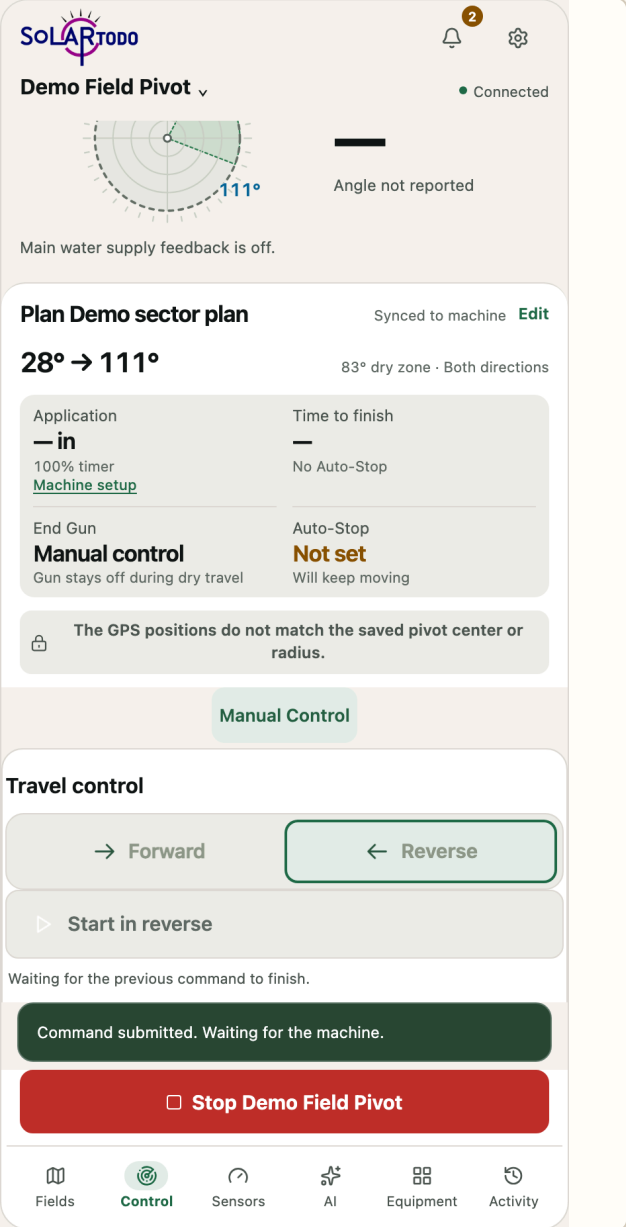
Read the device name and Reverse direction. Cancel if either is wrong.

Check The full-screen confirmation shows the selected machine and separate confirmation.

TASK 03 · CONTROL

Start in reverse and verify the stop

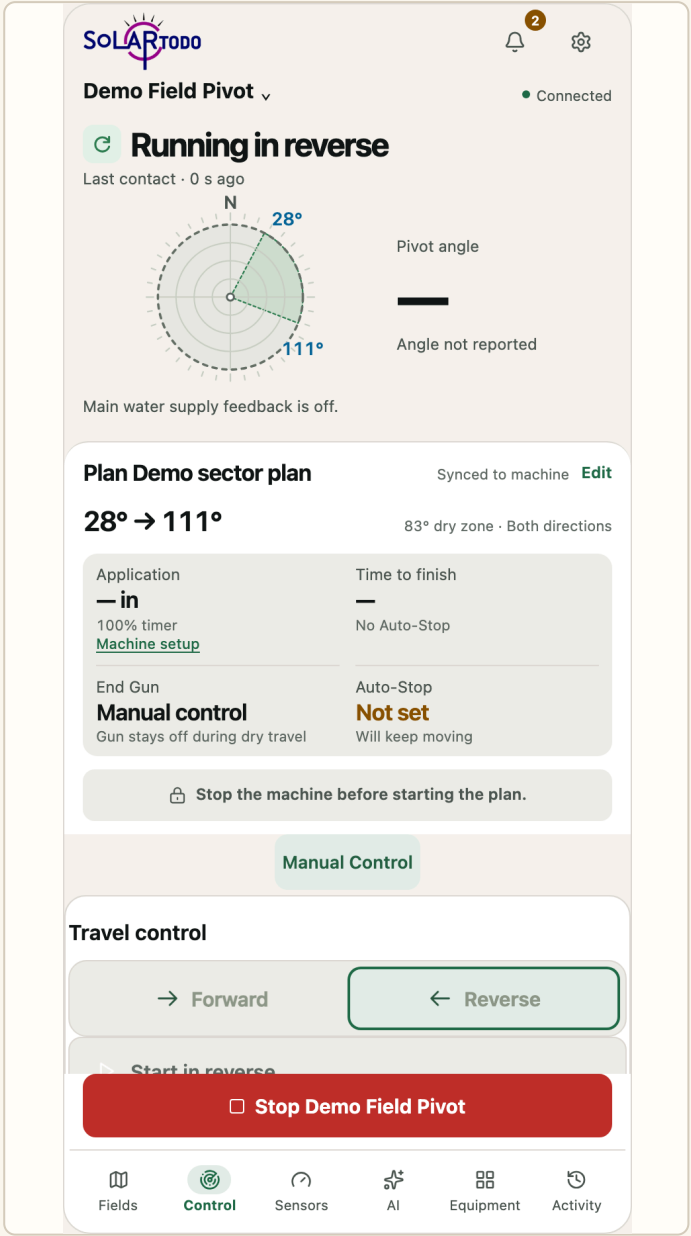
Steps 5–6 of 11



05 Wait for returned feedback

Confirm the reverse start once cleared. Read the response while the controller obtains feedback.

Check Command submitted comes before the machine's independent run and direction confirmation.



06 Read Running in reverse

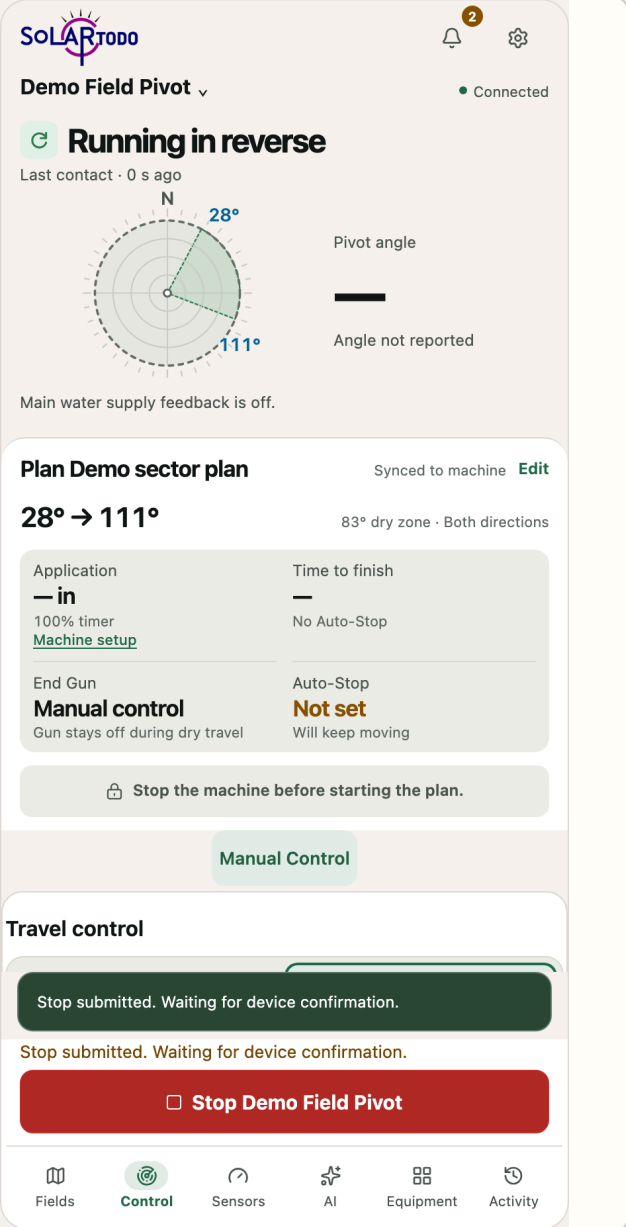
Wait for Running in reverse and read last contact. The simulator supplied independent run and reverse inputs in this session.

Check Both returned inputs are represented by the run status. The main water supply feedback shows off in the example.

TASK 03 · CONTROL

Start in reverse and verify the stop

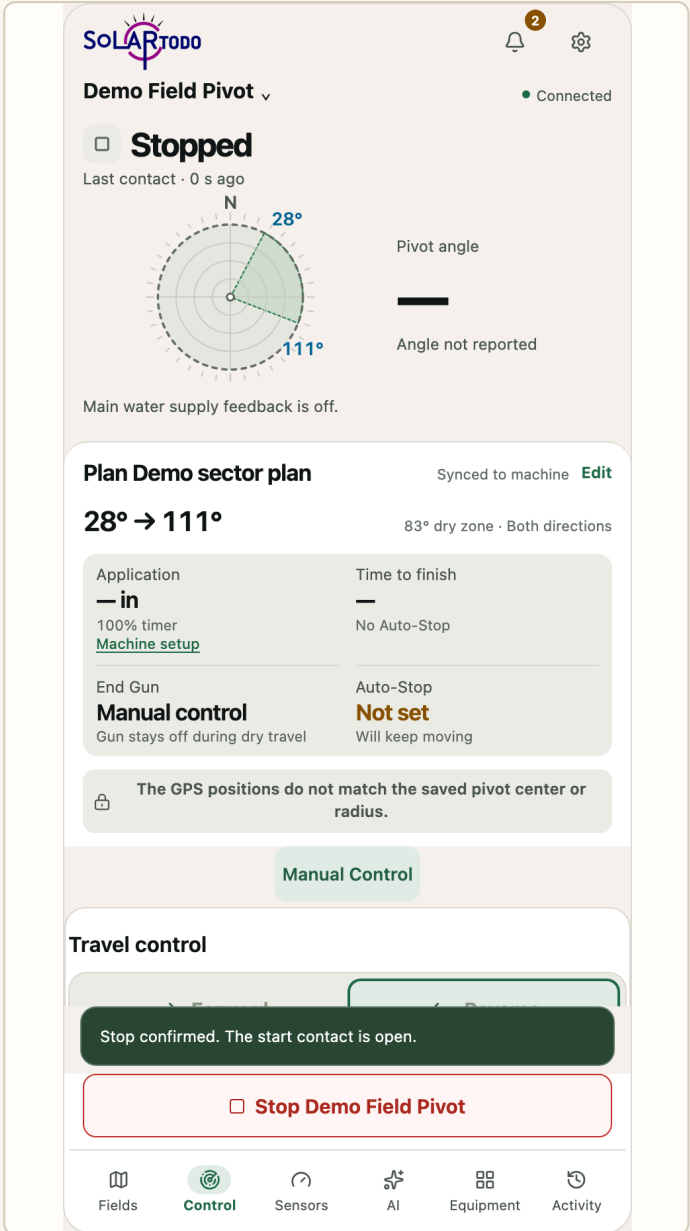
Steps 7–8 of 11



07 Request a stop

Tap Stop while observing the selected equipment name.

Check The app reports progress before the input proving the run has stopped clears.



08 Verify the returned stop

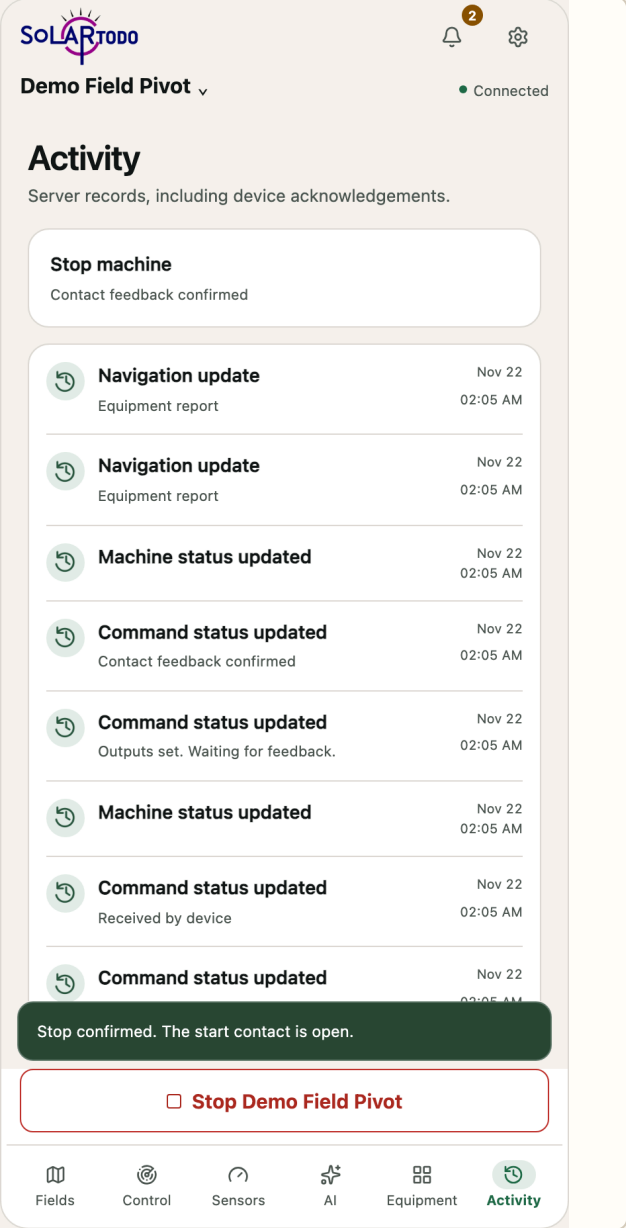
Wait for Stopped and confirm the newest status. Follow local procedures to confirm actual standstill at an installed site.

Check The run and reverse inputs are clear in this training session.

TASK 03 · CONTROL

Start in reverse and verify the stop

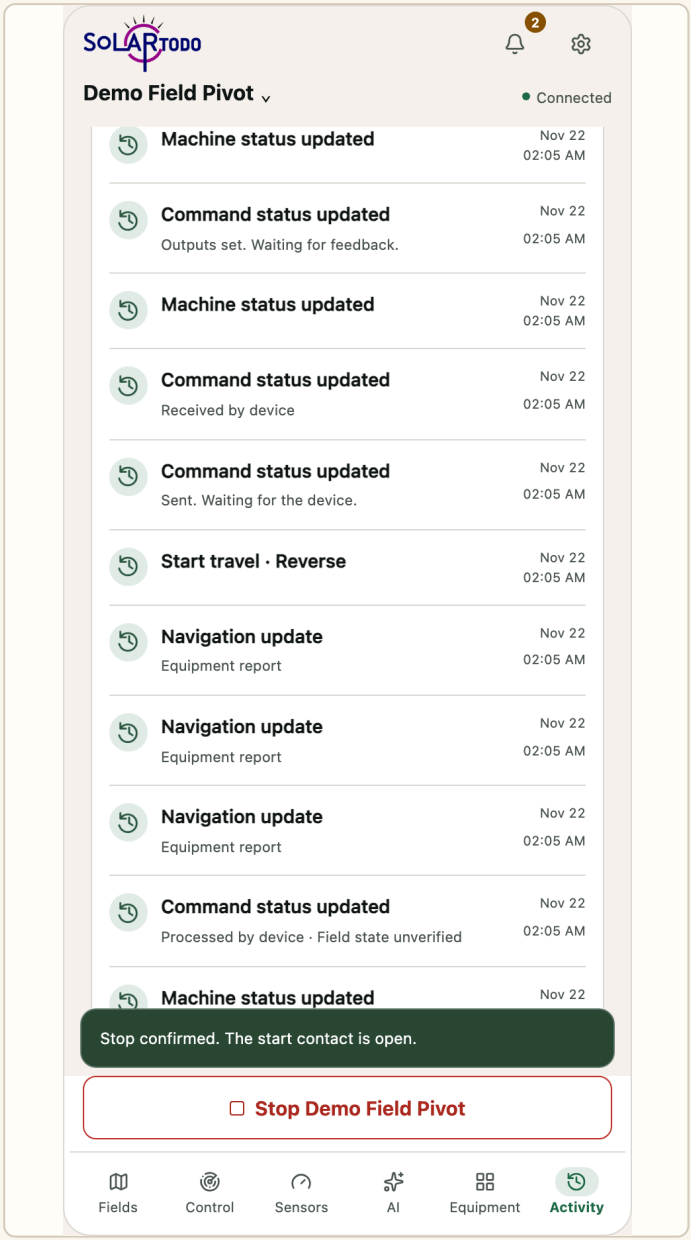
Steps 9–10 of 11



09 Check Activity

Open Activity on the same pivot. Find the stop and start-related records.

Check The latest command card reports contact feedback; the history lets you correlate commands with their results.



10 Find the reverse start record

Scroll through Activity to the start entry. Correlate the time and direction with the stop on the same pivot.

Check The same history shows the Reverse request and its recorded outcome.

TASK 03 · CONTROL

Start in reverse and verify the stop



STEP 11

Match the same operation in Administration

In Administration, select Equipment > Demo Field Pivot > Details. Under Equipment activity, locate the stop and reverse-start records from this same rehearsal.

Check the result

Compare the same equipment, action, result and time with Activity from the owner session.

If the result differs

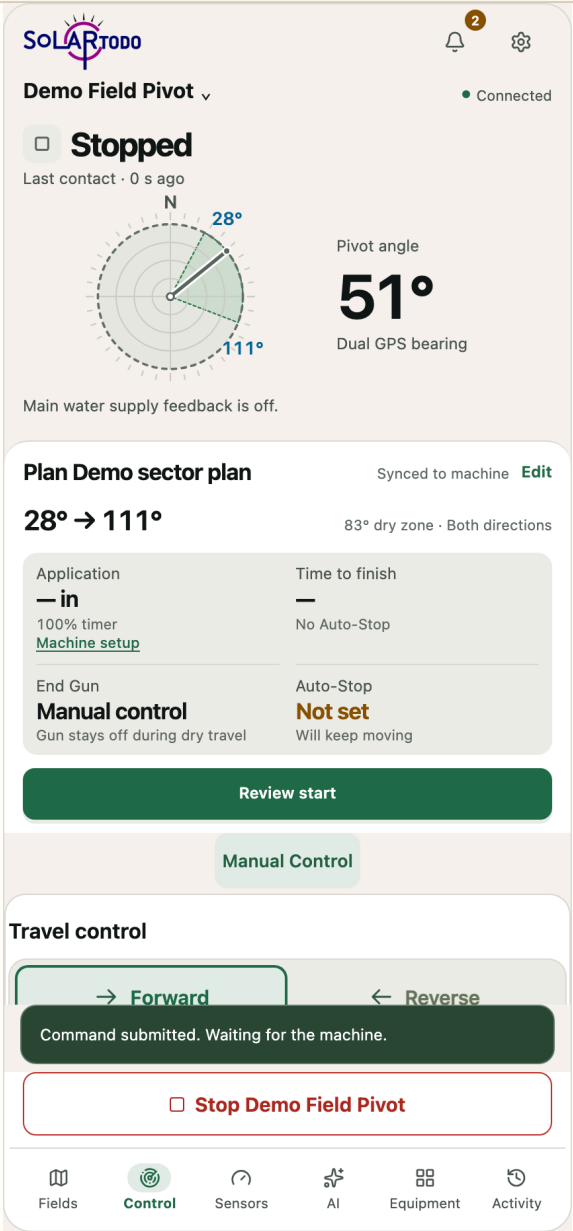
- If the confirmation names a different pivot, cancel and reselect the target.
- If a submitted command has no fresh returns, treat the actual state as unknown and contact the person at the machine.

TASK 04 · CONTROL

Read a control fault and return to manual control

Steps 1–2 of 5

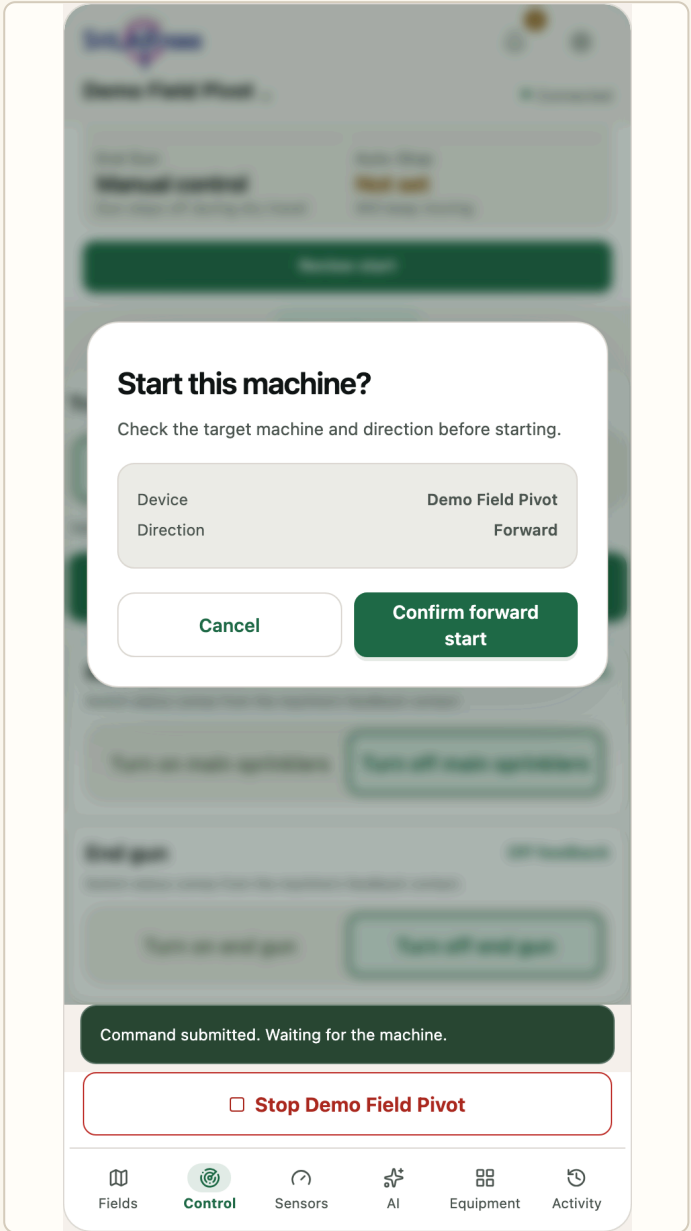
Identify which feedback is missing and establish whether the machine is available for local or remote control. Use an authorized grower account. Keep equipment protected during fault simulation.



01 Choose the direction before a fault drill

With the simulator stopped, open Manual Control and choose Forward.

Check Direction selection and a start command are distinct.



02 Review the simulated fault test

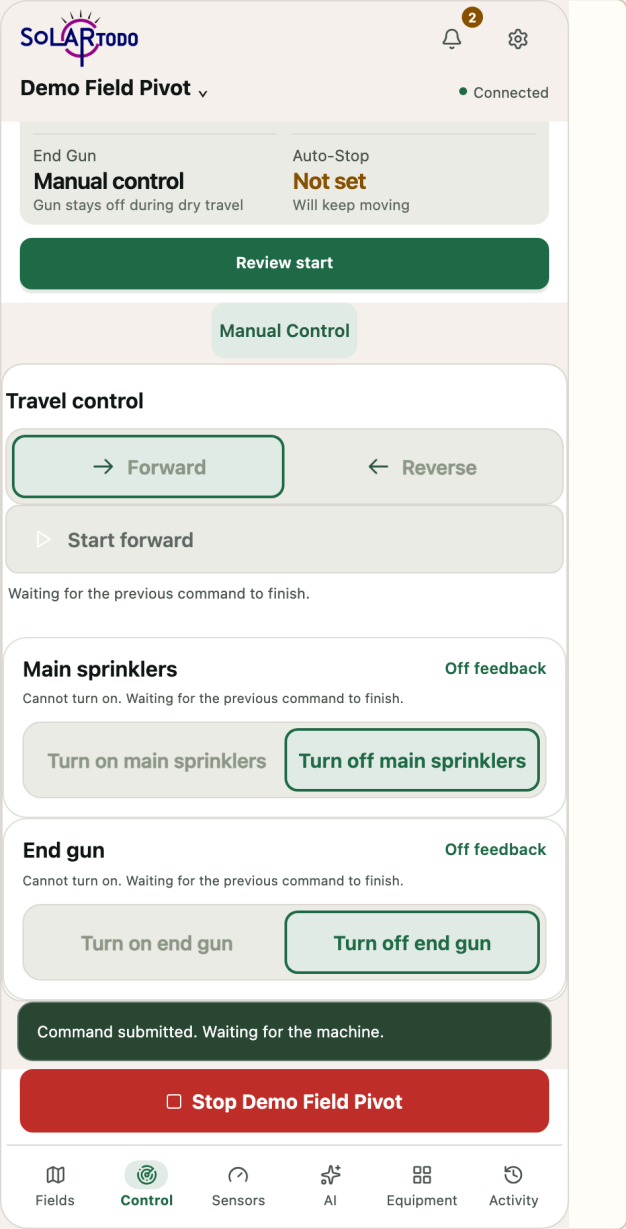
Review the machine and direction before submitting the isolated start trial.

Check The screen identifies the forward start without changing the machine selection.

TASK 04 · CONTROL

Read a control fault and return to manual control

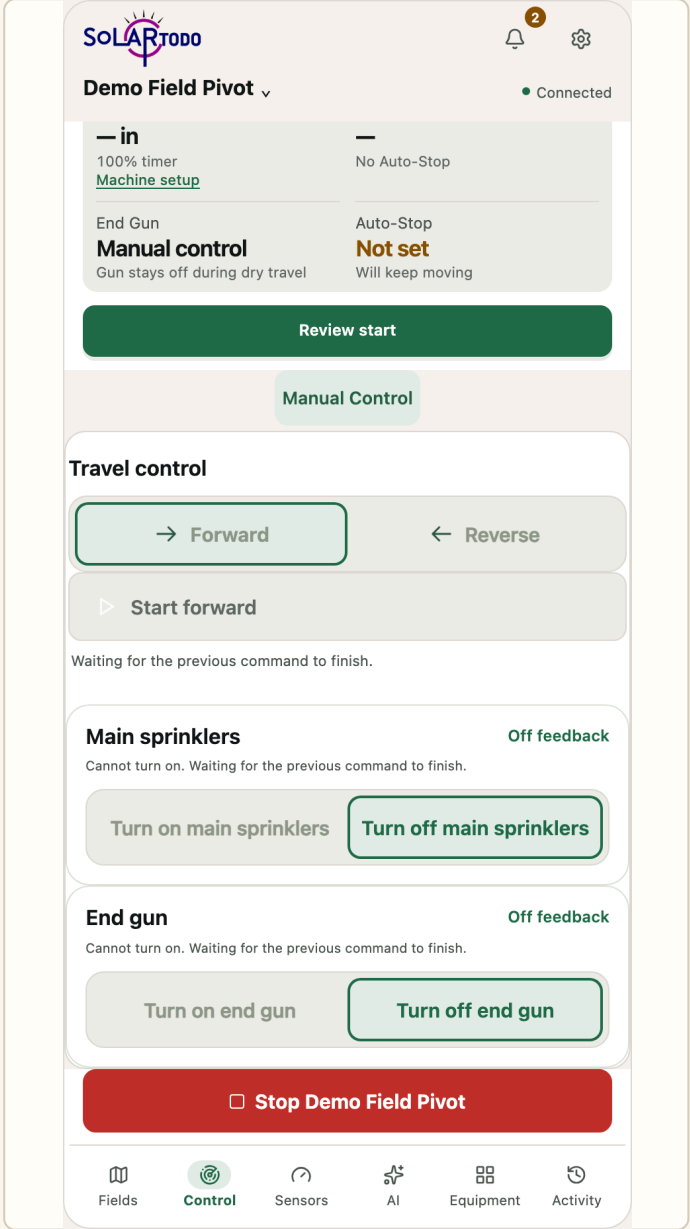
Steps 3–4 of 5



03 Observe the waiting state

Confirm the isolated start without supplying the independent forward feedback in the simulator.

Check The command is waiting for the machine; the initial reply does not establish movement.



04 Read the returned fault

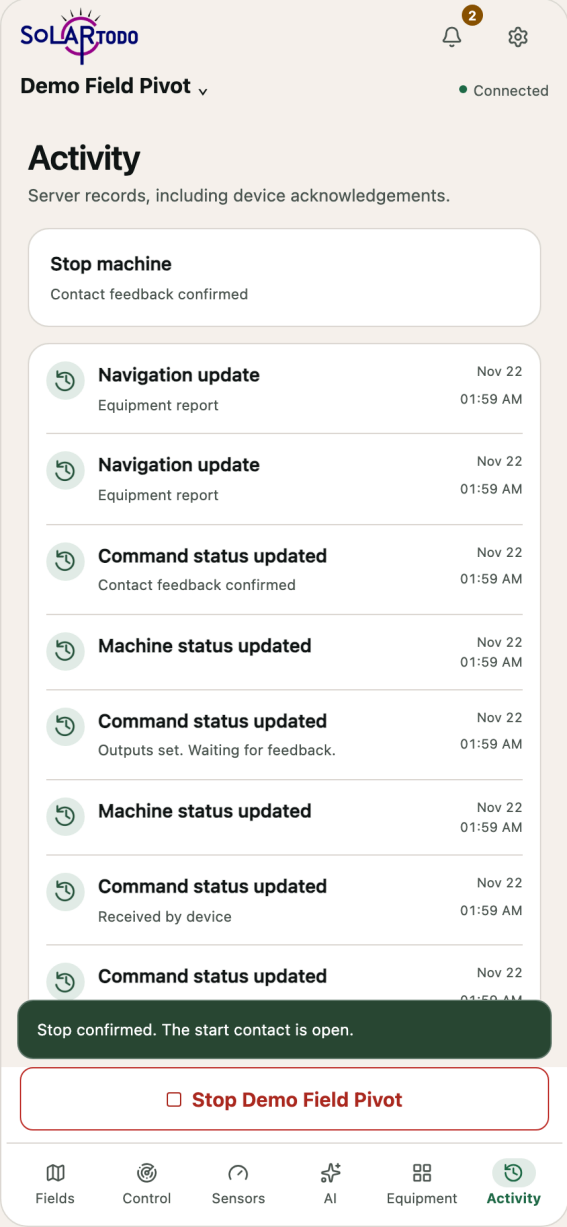
After the configured waiting period, read the message and the latest reported state.

Check The training fault is intentionally induced; the displayed reason determines the next investigation.

TASK 04 · CONTROL

Read a control fault and return to manual control

Step 5 of 5



05 Check the latest result in Activity

After the authorized stop attempt, open Activity on the same pivot.

Check Review the returned stop result and retain the earlier trial record for support.

If the result differs

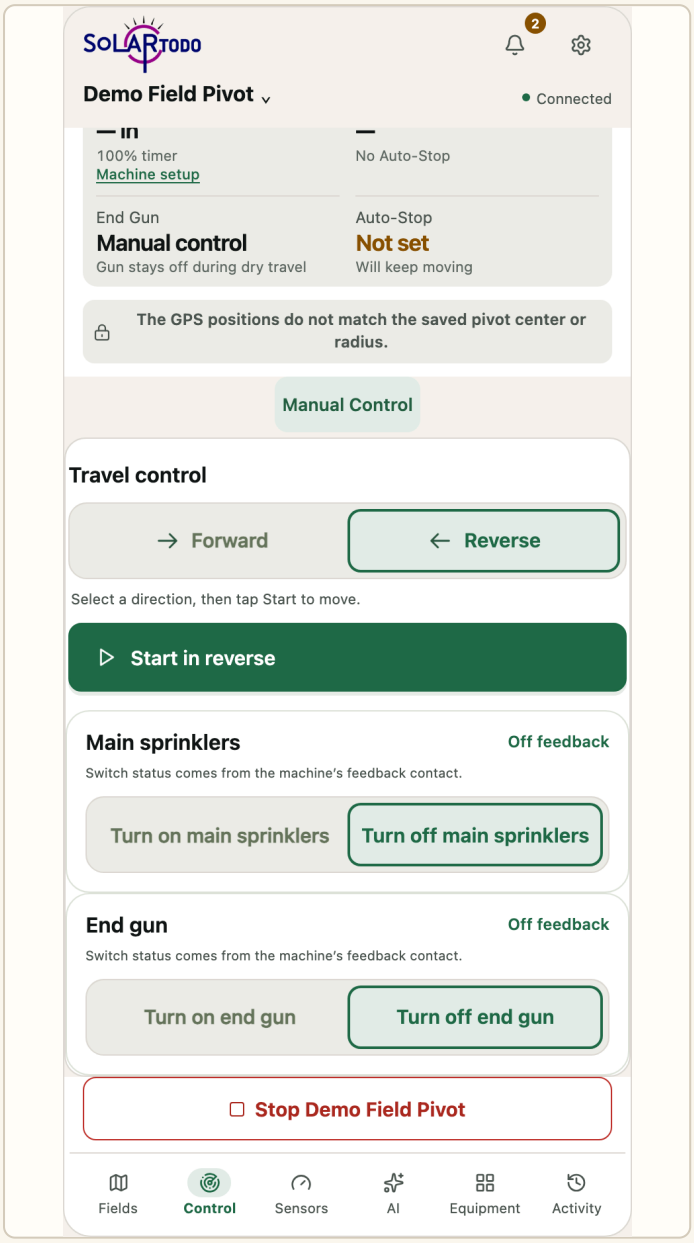
- Follow the site's operating procedure before any movement or reset.
- Do not assume a faulted command succeeded. Have the local operator verify actual state.

TASK 05 · CONTROL

Check main-water and end gun feedback

Steps 1–2 of 7

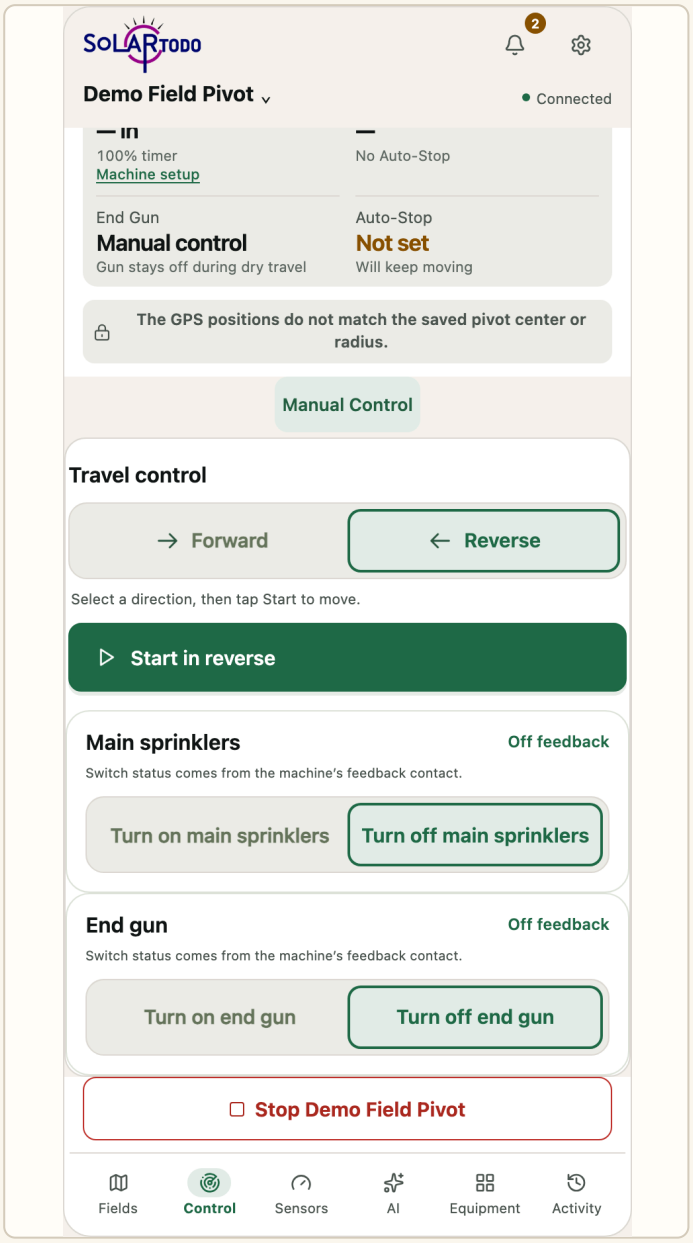
Find the two water functions and read the return for each connected output. Select a pivot with commissioned water controls.



01 Open the two water controls

Expand Manual Control. Scroll past Travel control to the water sections.

Check Main water and the end gun have separate controls.



02 Read main-water feedback

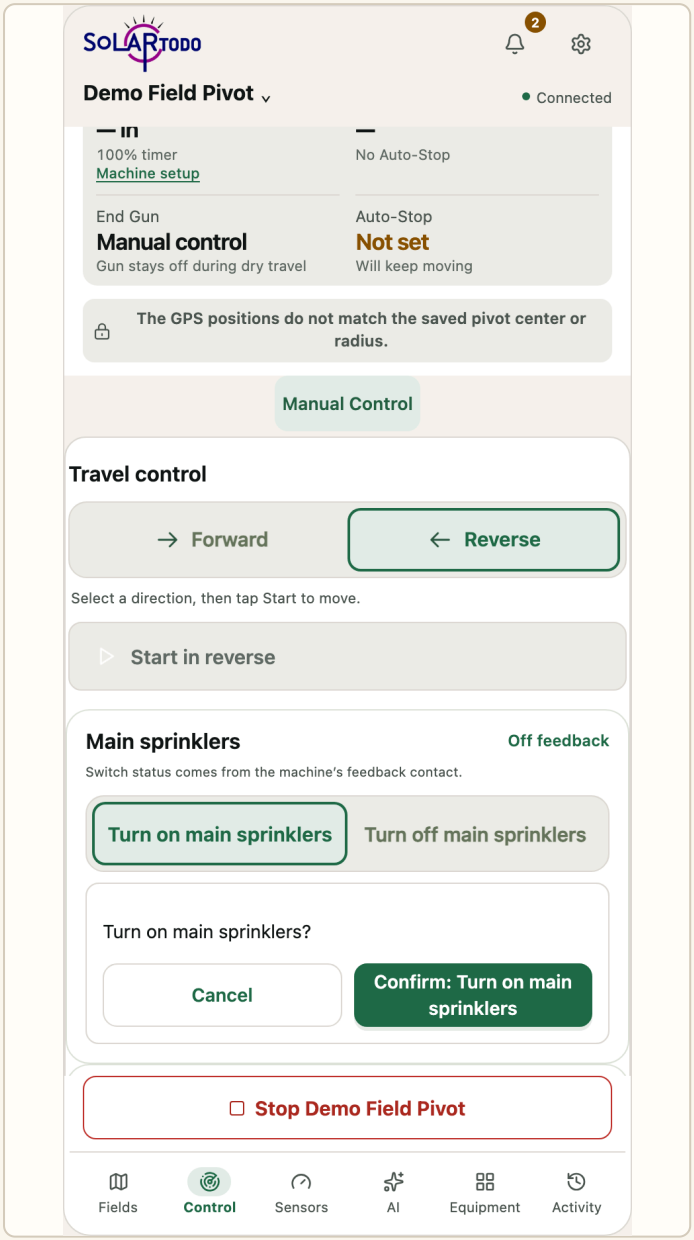
Read the main water feedback label beside its buttons. If an authorized site has a working supply circuit, operate its switch under the site procedure.

Check The visible feedback describes the returned supply input. Use site observation to verify water.

TASK 05 · CONTROL

Check main-water and end gun feedback

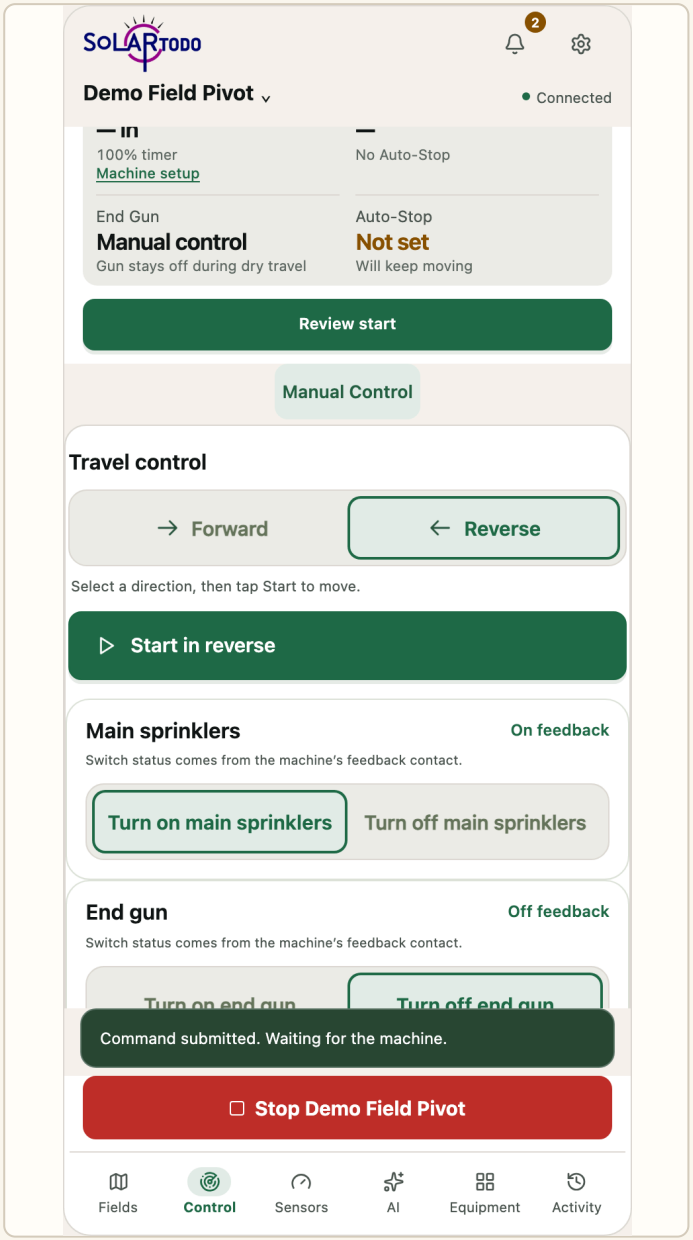
Steps 3–4 of 7



03 Review a main-water request

Review the main sprinklers confirmation. Confirm only when the correct circuit and site conditions are known.

Check The requested circuit is named and endpoint status remains separate.



04 Check the main-water return

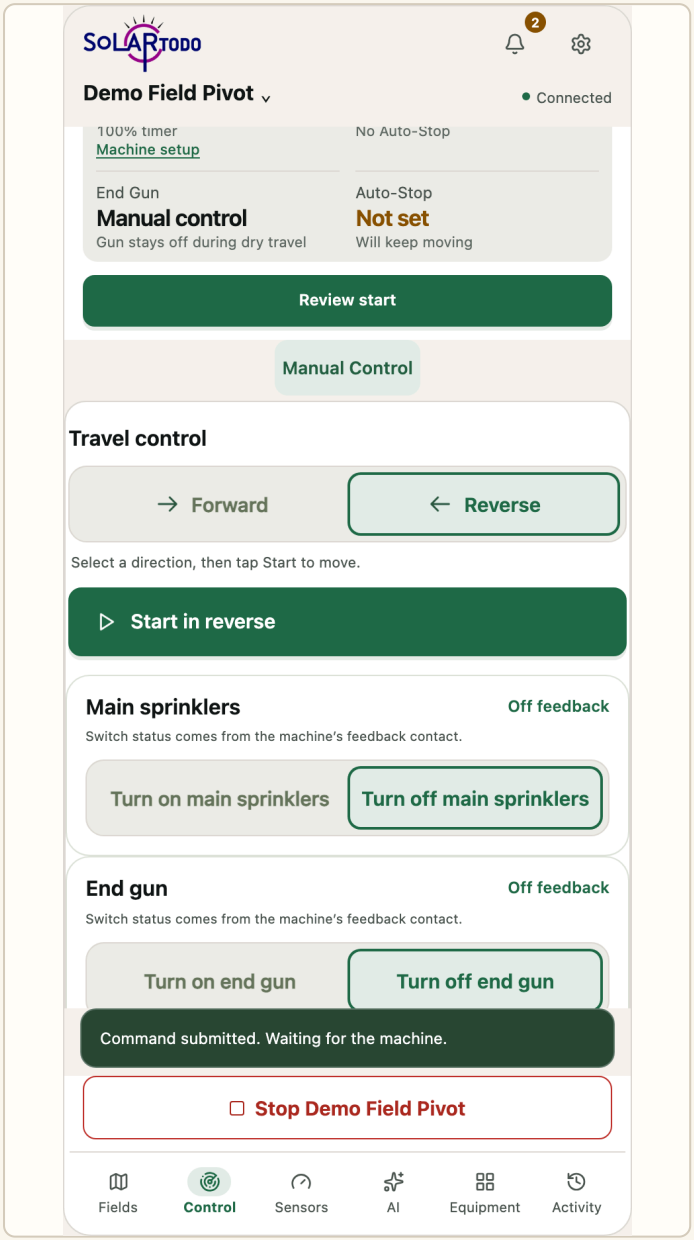
The simulator supplies an independent main-water input for the selected circuit. Read the label after the return.

Check A contact may indicate the expected equipment state. A field pressure or flow check is still required to establish actual discharge.

TASK 05 · CONTROL

Check main-water and end gun feedback

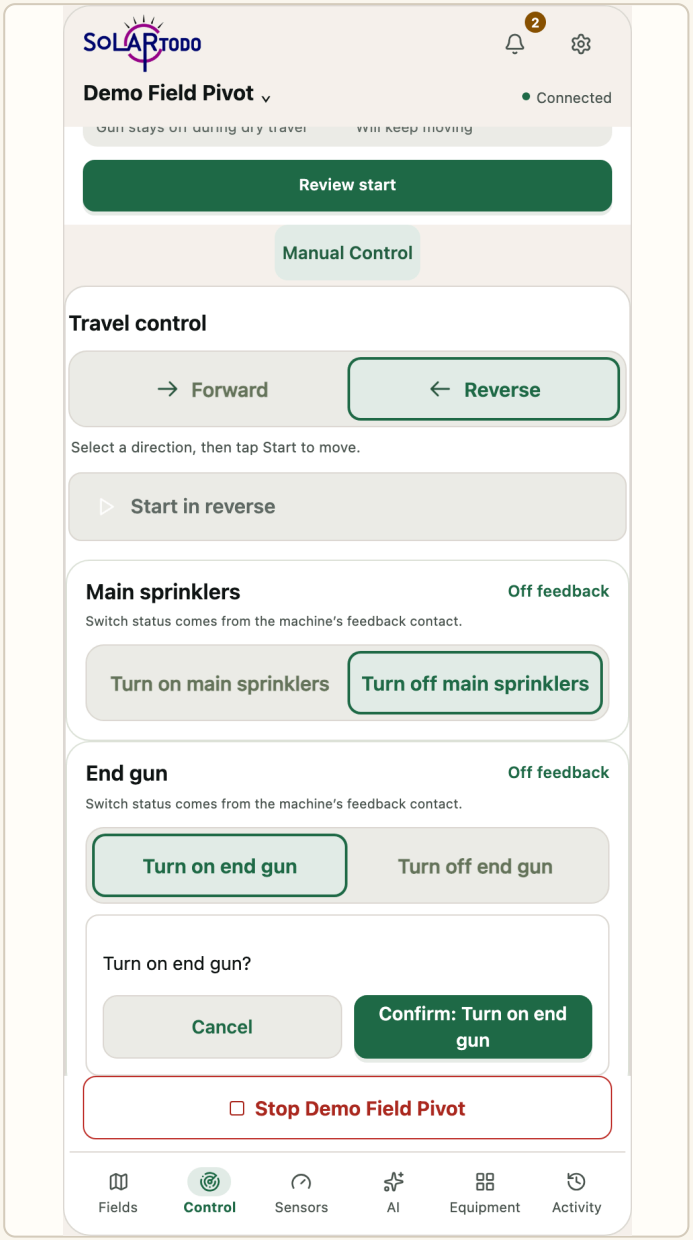
Steps 5–6 of 7



05 Read end gun feedback

Continue to End gun. Review the independent feedback and switch controls.

Check End gun feedback does not confirm main supply or measured discharge.



06 Review an end gun change

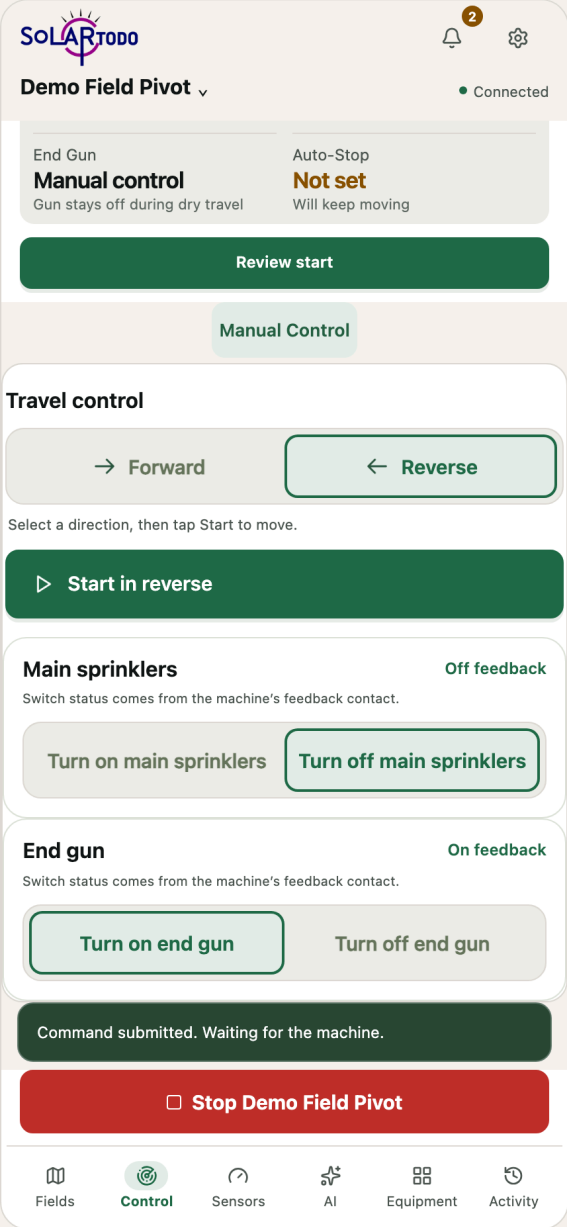
Review the choice in the confirmation area before applying it.

Check The dialogue names the end gun output and leaves the main supply separate.

TASK 05 · CONTROL

Check main-water and end gun feedback

Step 7 of 7



07 Check the end gun result

Read the latest end gun feedback after the request.

Check The simulated contact is a device-side return, not proof of water.

If the result differs

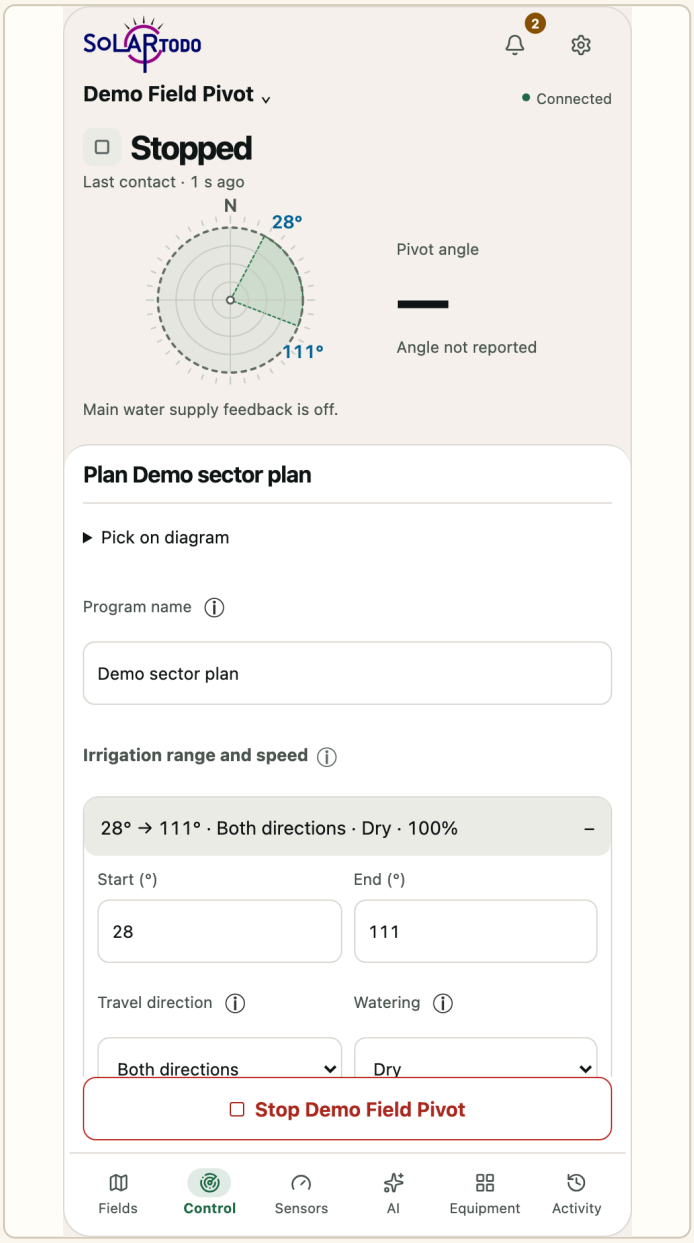
- If a channel has no feedback, check the installation documentation and ask the site crew to verify that channel.
- Use a separate field observation or instrument to verify actual discharge.

TASK 06 · CONTROL AND FIELDS

Edit and preview a work plan

Steps 1–2 of 8

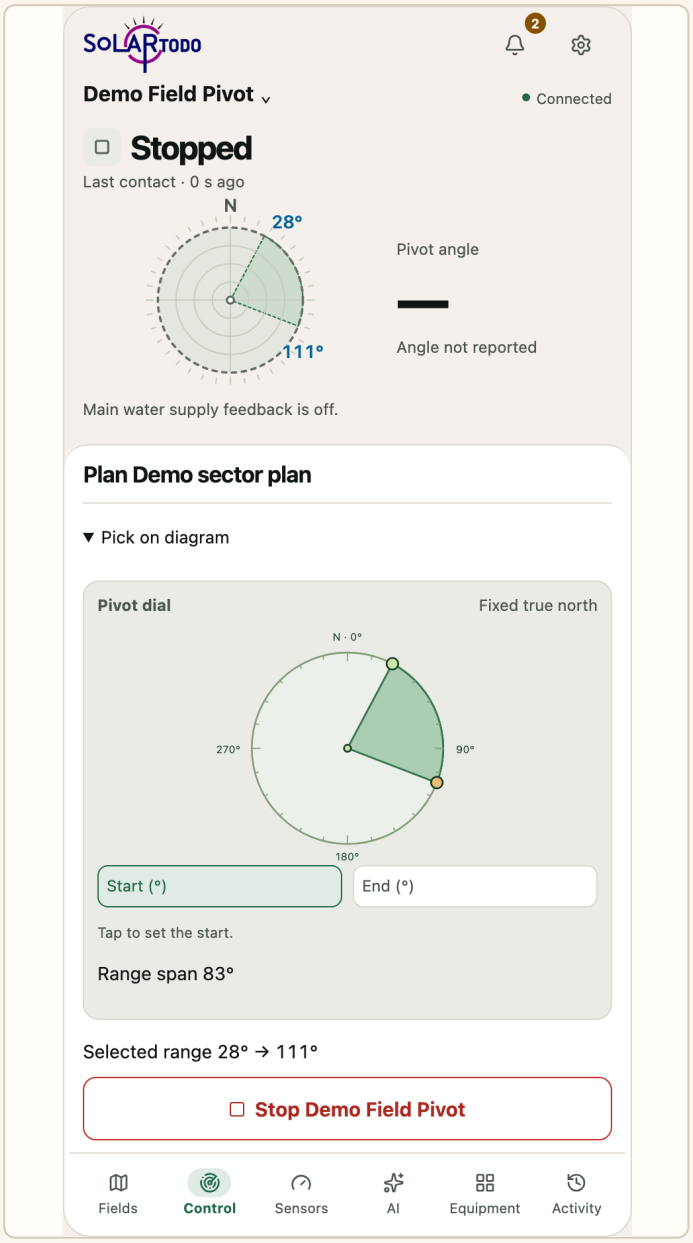
Prepare an example work plan with a travel sector and a stop rule. Confirm the selected center pivot and its geometry.



01 Open the plan editor

On the selected pivot's plan card, tap Edit. Read the existing name before touching any rule.

Check The work plan appears within the active pivot's control screen.



02 Inspect the sector diagram

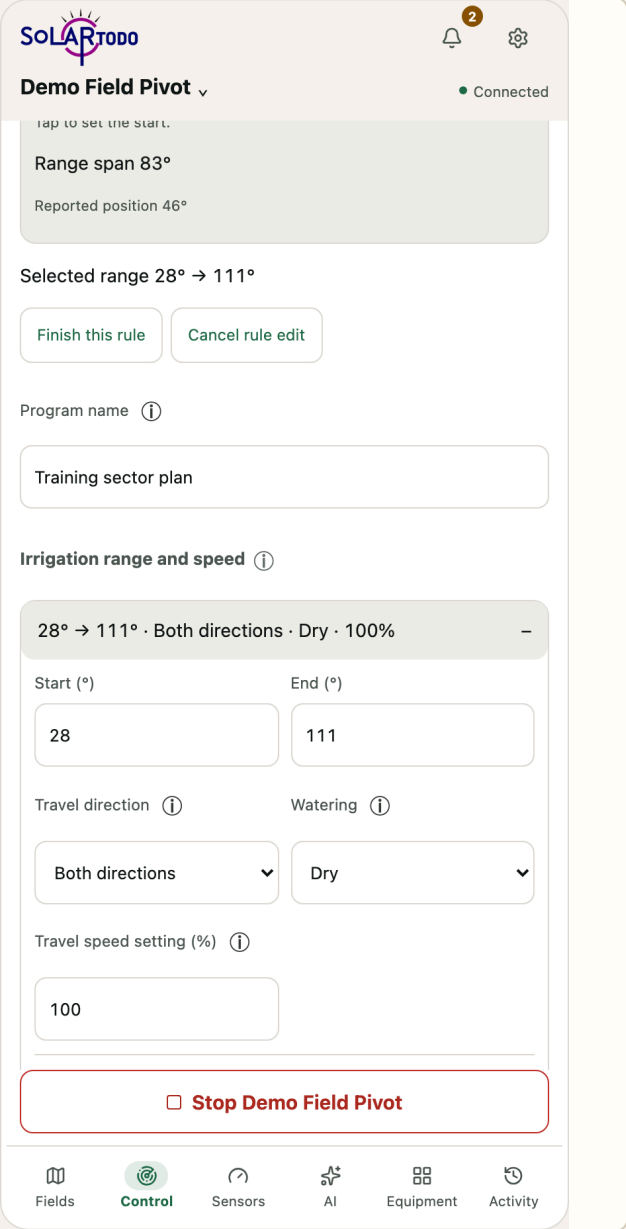
Open Pick on diagram. Use the diagram to check orientation before editing numeric values.

Check The visual span and the numeric plan must agree for the selected center pivot.

TASK 06 · CONTROL AND FIELDS

Edit and preview a work plan

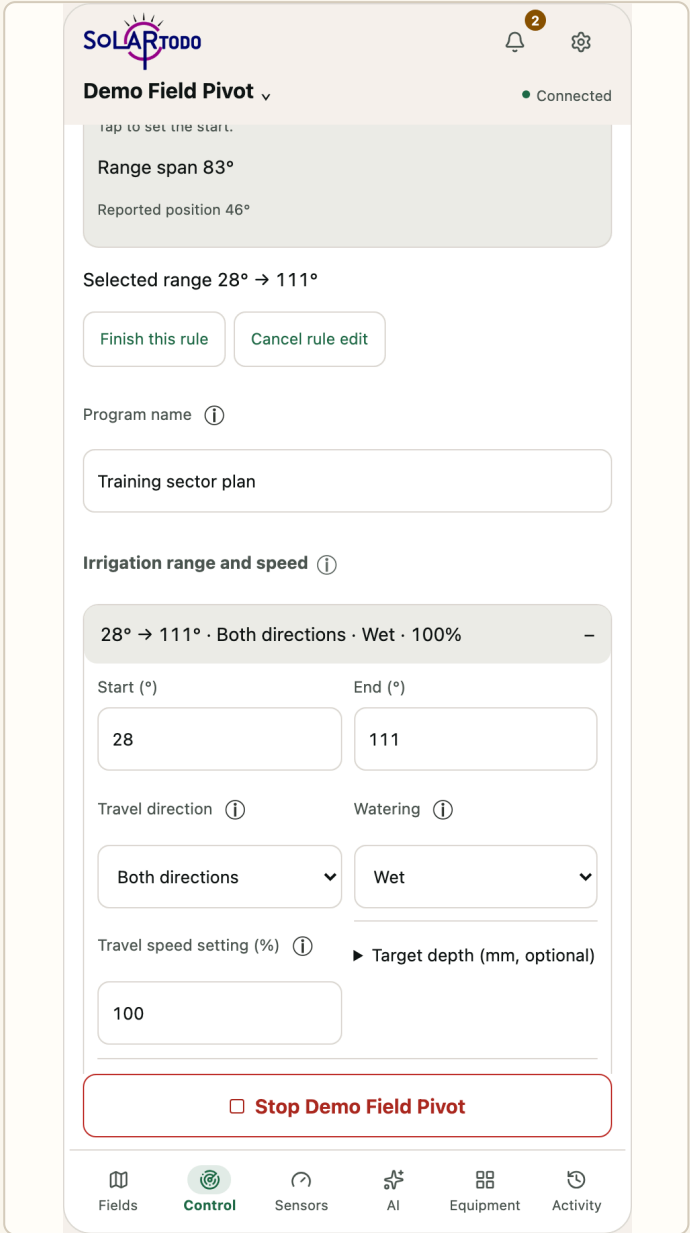
Steps 3–4 of 8



03 Review a travel zone

Expand the travel-zone row. Check the start, end, direction and speed. The example starts at 28° and ends at 111°.

Check The direction and water mode are separate from the sector boundary.



04 Compare water mode and target depth

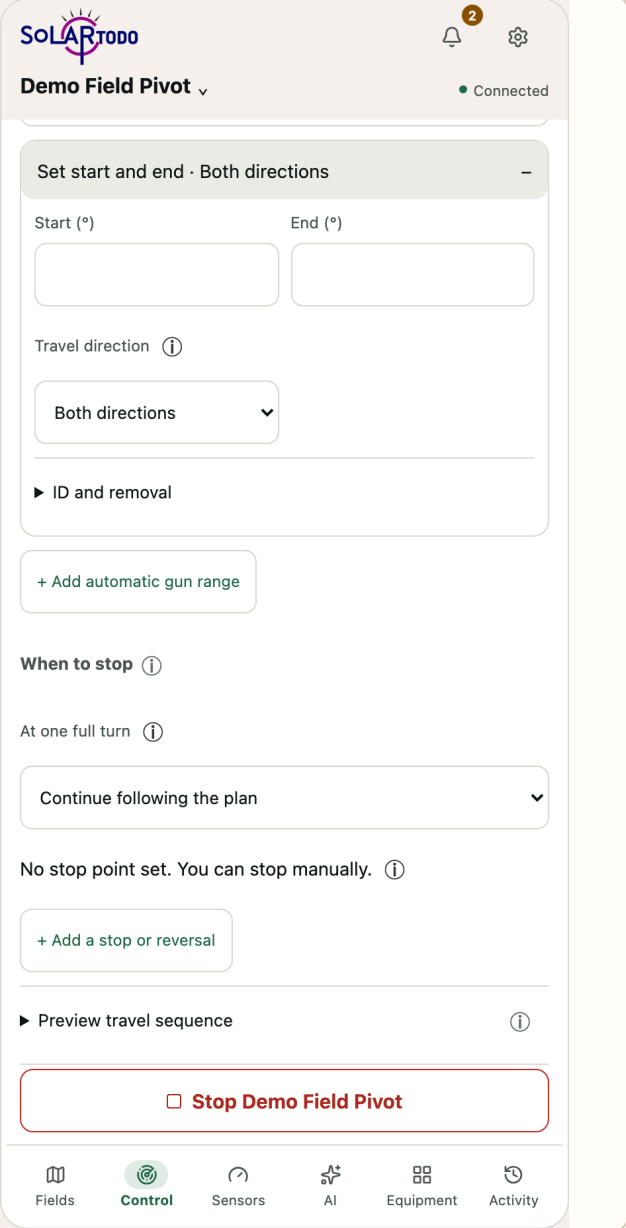
Select the wet mode to review the depth field, then restore Dry for this rehearsal.

Check Selecting a water mode is a plan edit. It does not provide a water reading.

TASK 06 · CONTROL AND FIELDS

Edit and preview a work plan

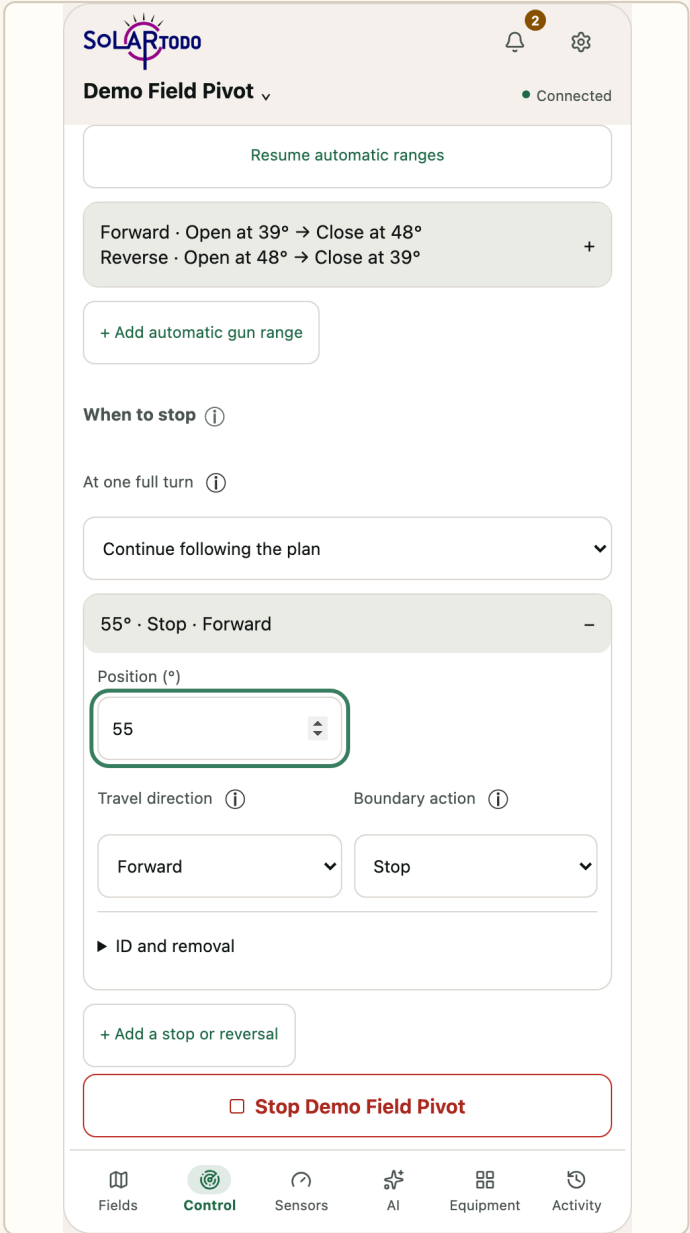
Steps 5–6 of 8



05 Review the automatic end gun range

Expand the end gun range and compare its endpoints. Use the range or switch back to manual control to match the reviewed plan.

Check The gun has a separate range and the editor shows whether automatic or manual control is selected.



06 Review a stop rule

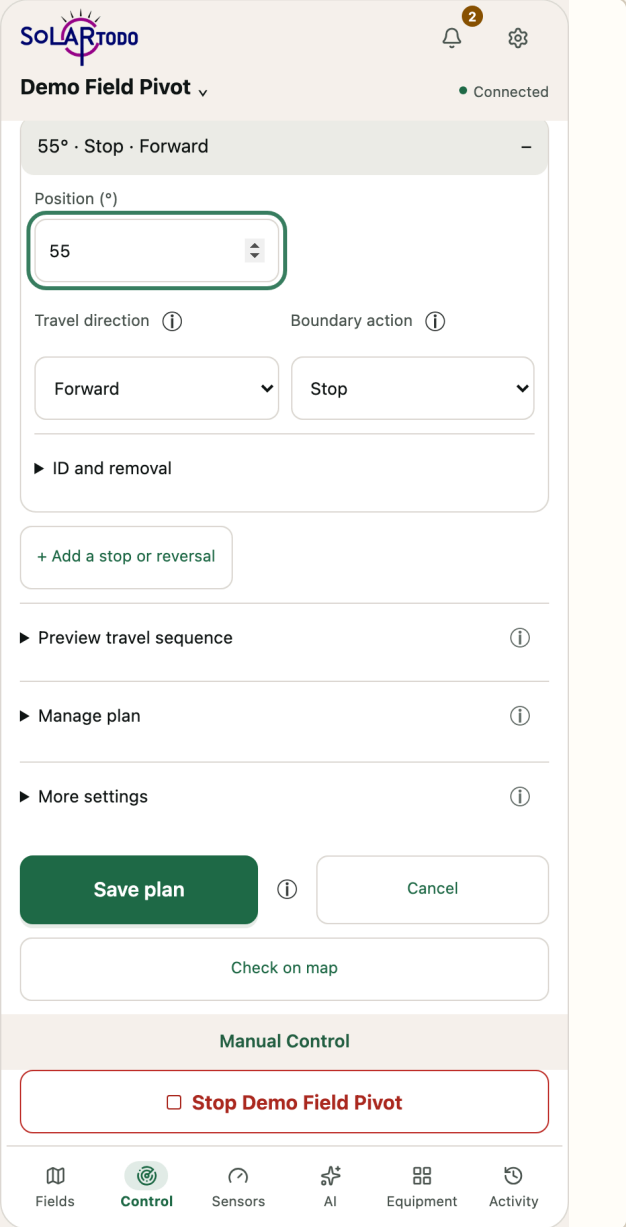
Add a stop boundary and check its position, direction and action before saving.

Check The boundary belongs to this work plan. It is not yet a physical parking result.

TASK 06 · CONTROL AND FIELDS

Edit and preview a work plan

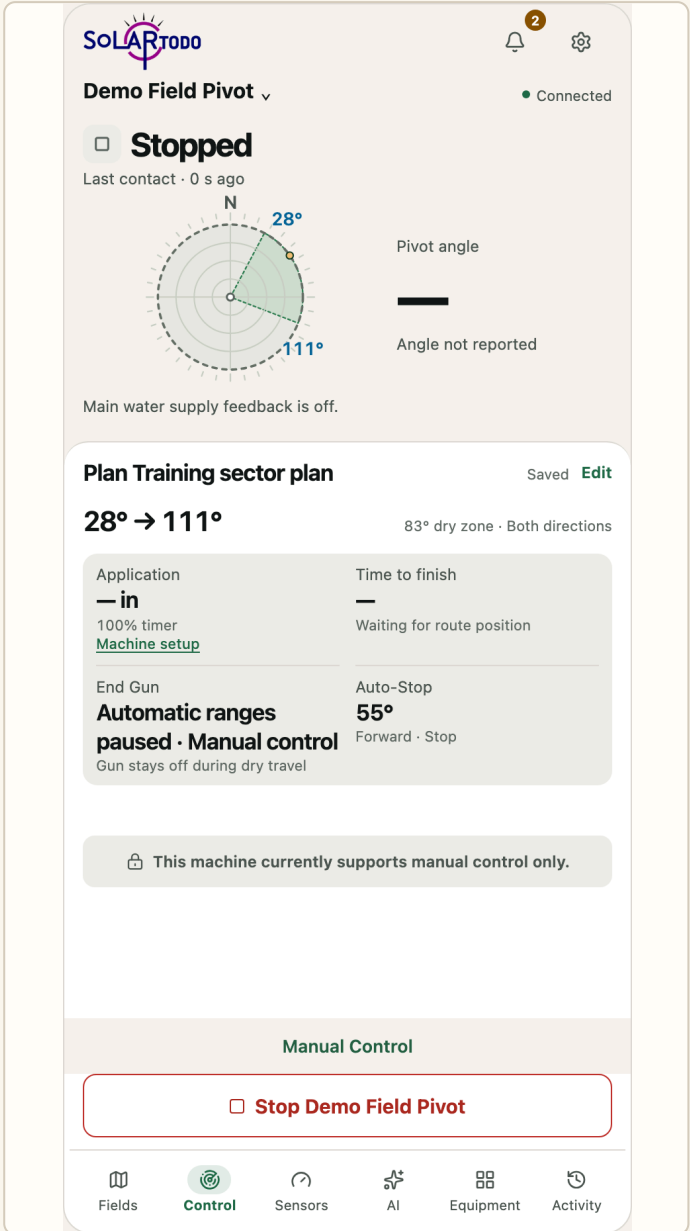
Steps 7–8 of 8



07 Review Save plan and Cancel

Scroll to the action area. Tap Cancel when exploring. Save plan is used when the revised parameters are approved.

Check The action is explicit. Saving a revision is separate from starting movement.



08 Verify the saved name

Return to the plan summary after Save plan.

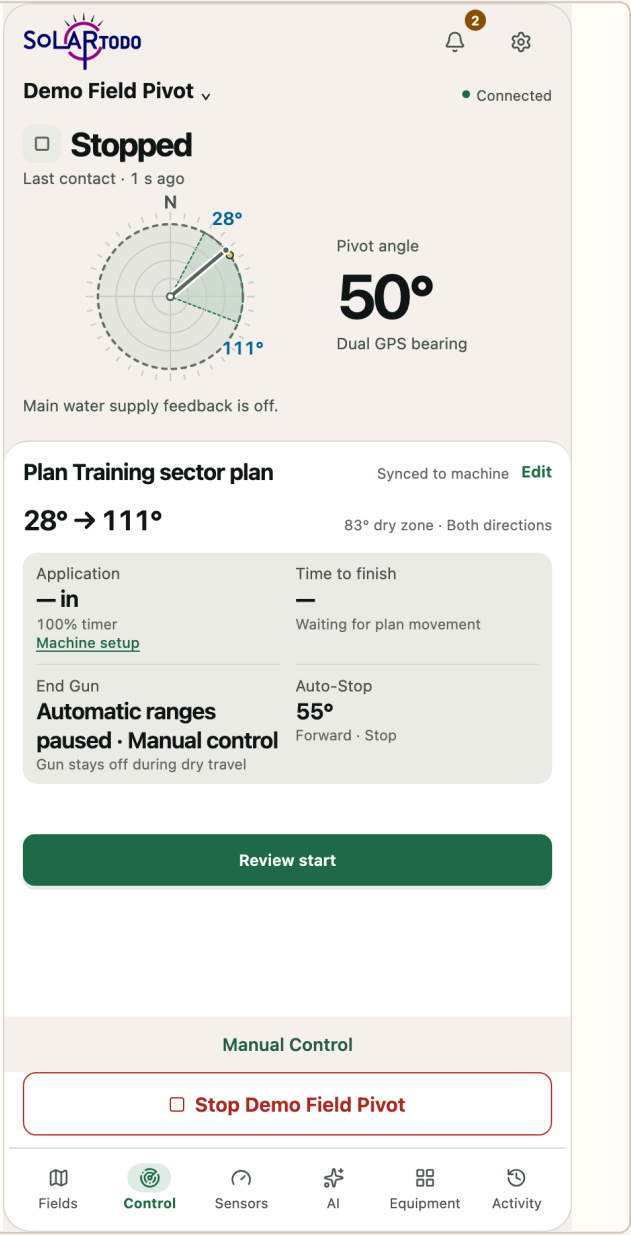
Check Check the saved work-plan name. Device synchronization and execution are covered in the next task.

TASK 07 · CONTROL AND FIELDS

Check plan readiness, device revision and start feedback

Steps 1–2 of 9

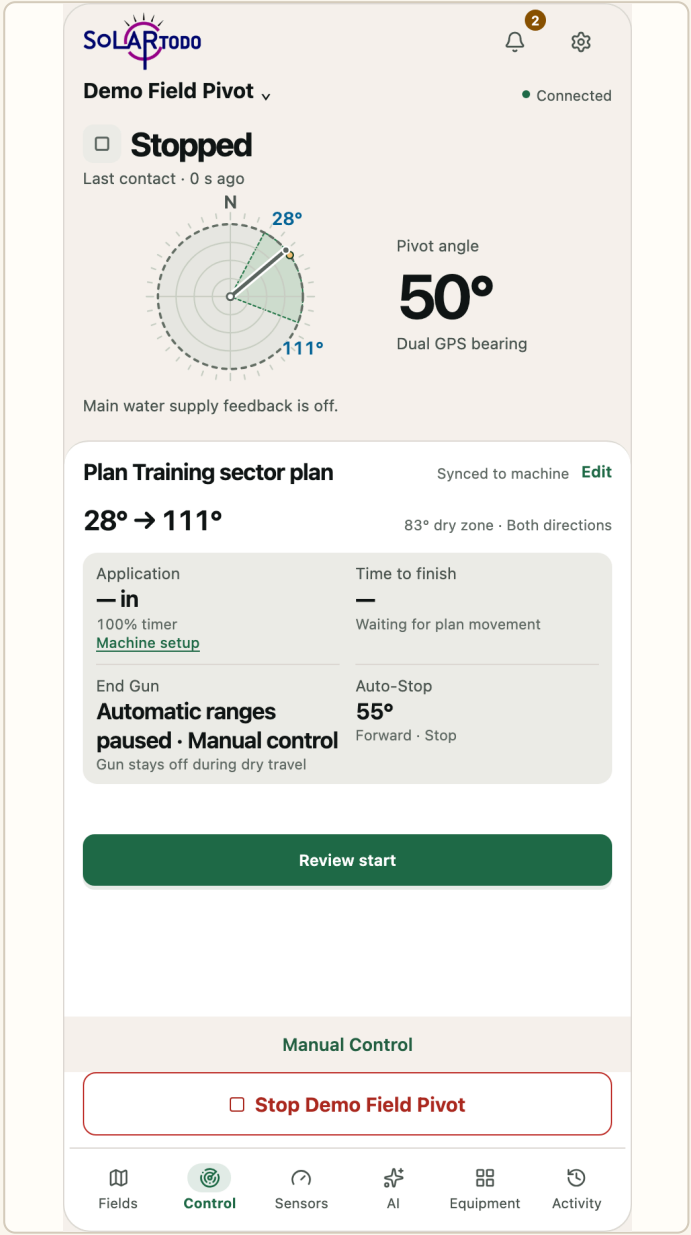
Verify that a saved plan can be used by the correct machine and understand what an actual device return means. Complete plan editing and confirm the selected pivot.



01 Open the rules view

Tap Fields and choose the Work plan or rules tab.

Check The page names the same pivot and identifies its saved work plan.



02 Check synchronization and readiness

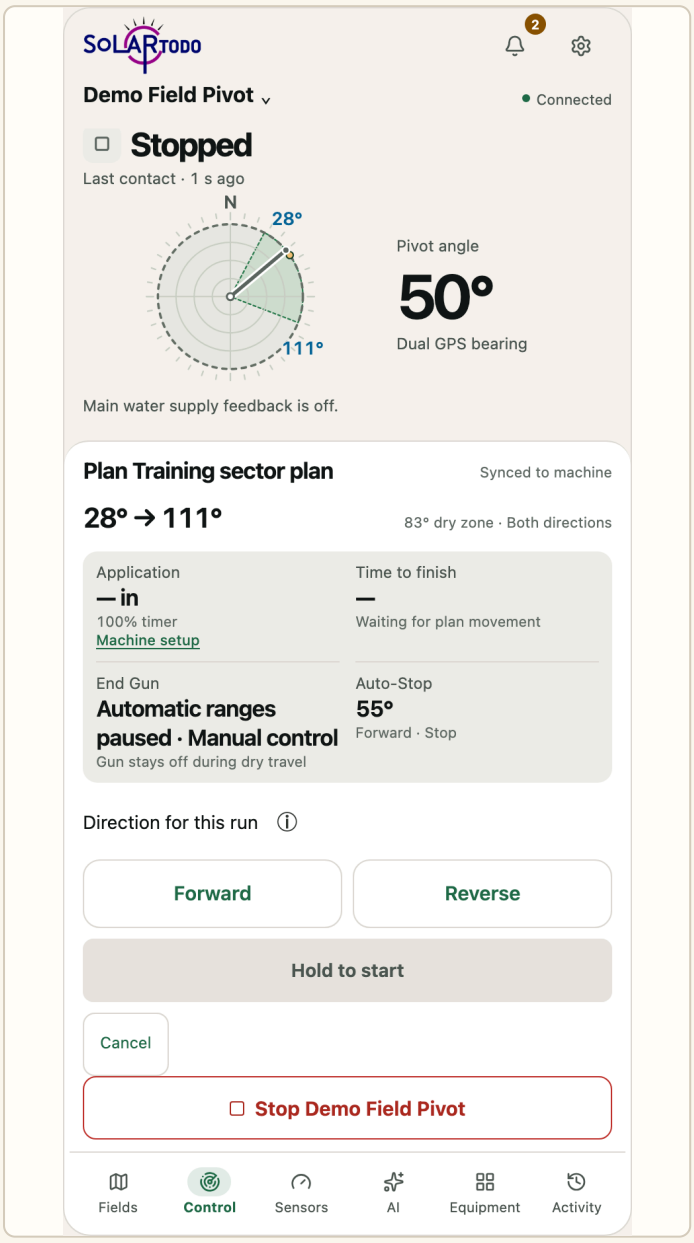
Locate Sync plan or Review start under the work-plan summary. Verify the selected machine and saved plan.

Check If the action is disabled, resolve the reason before continuing.

TASK 07 · CONTROL AND FIELDS

Check plan readiness, device revision and start feedback

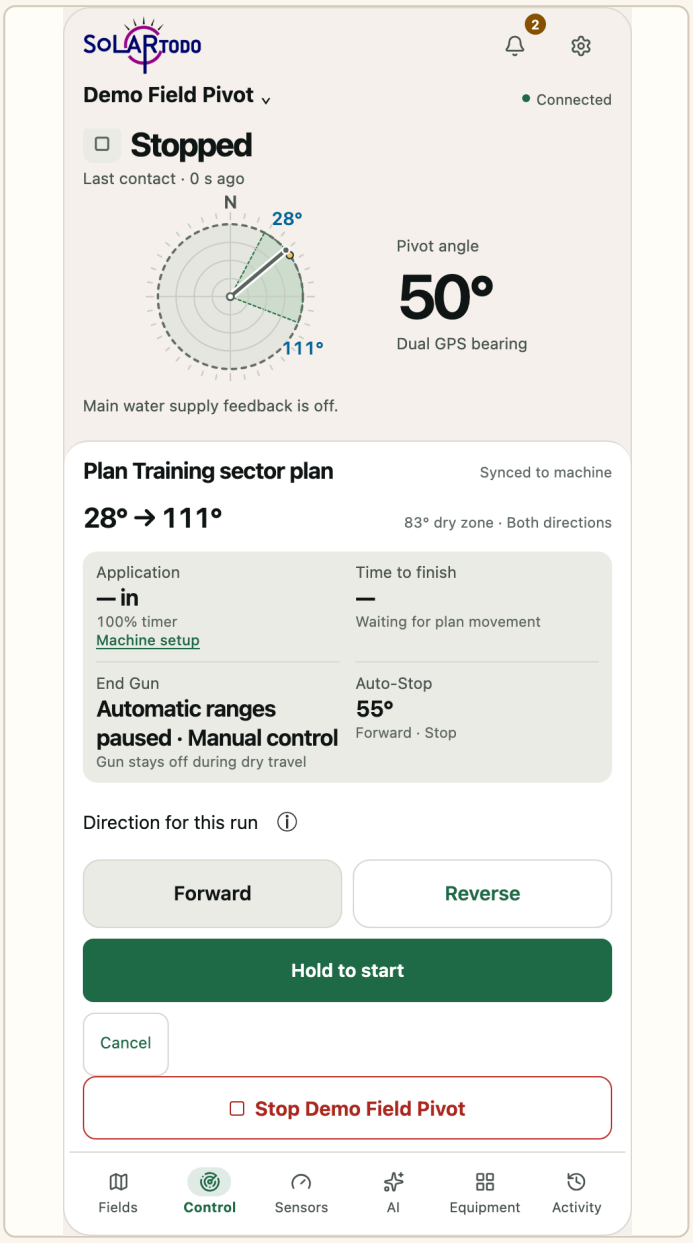
Steps 3–4 of 9



03 Review travel direction

In the plan review, read the direction options and confirm the intended travel direction.

Check The selection applies to this run. The simulator will preserve the separation between review and movement.



04 Obtain clearance before the hold action

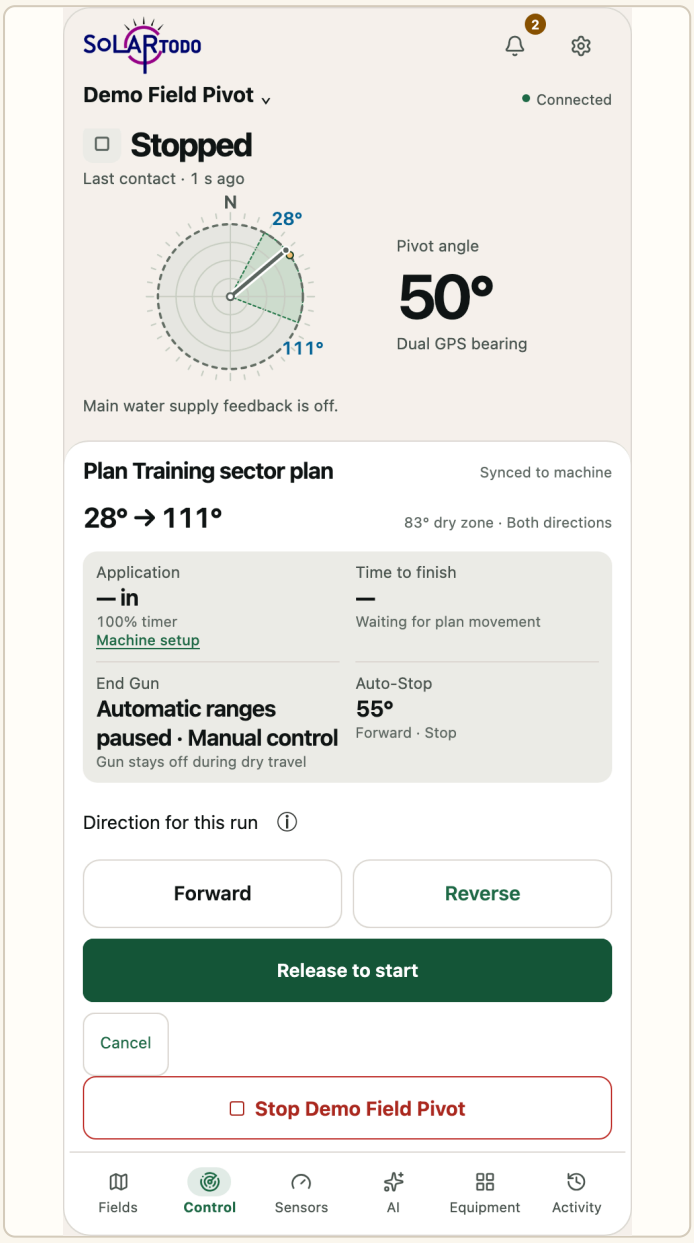
Read Hold to start after choosing a direction. The move is requested only after the hold completes or the accessibility confirmation is accepted.

Check The screen shows the chosen direction and a distinct start control.

TASK 07 · CONTROL AND FIELDS

Check plan readiness, device revision and start feedback

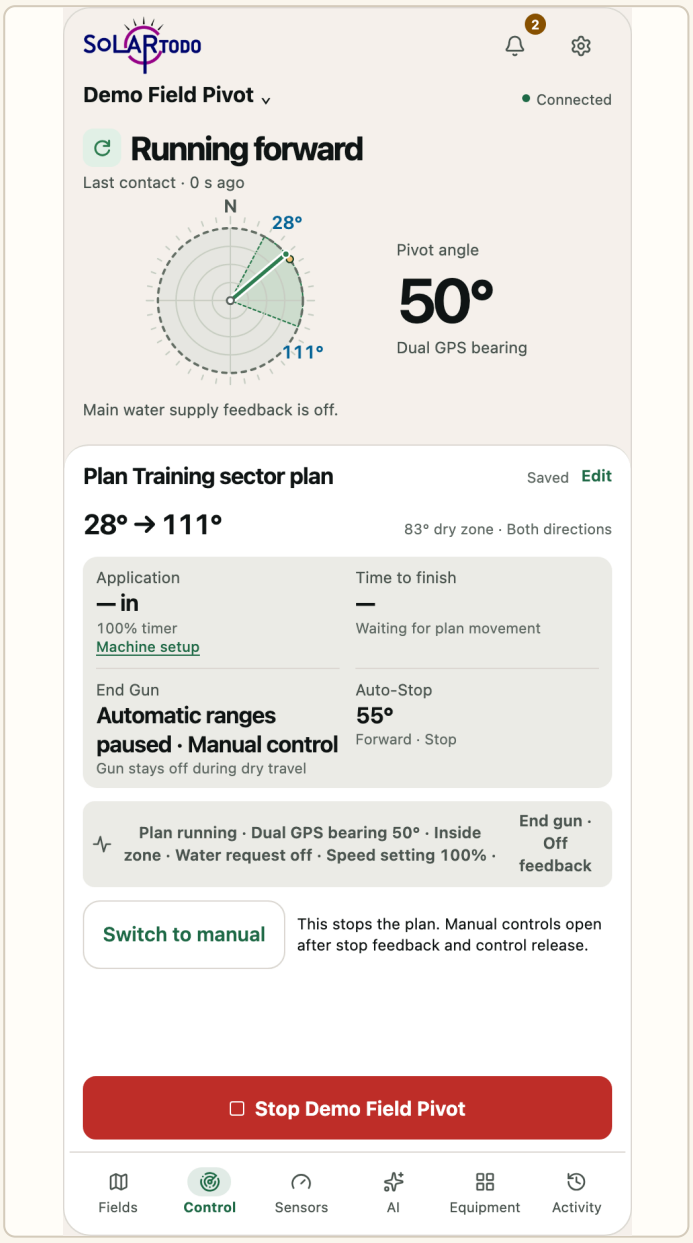
Steps 5–6 of 9



05 Release the hold to request movement

Keep holding until the control says Release to start. Release only when the approved direction and field conditions are clear.

Check The actual hold-and-release gesture is distinct from selecting the direction.



06 Read the current run result

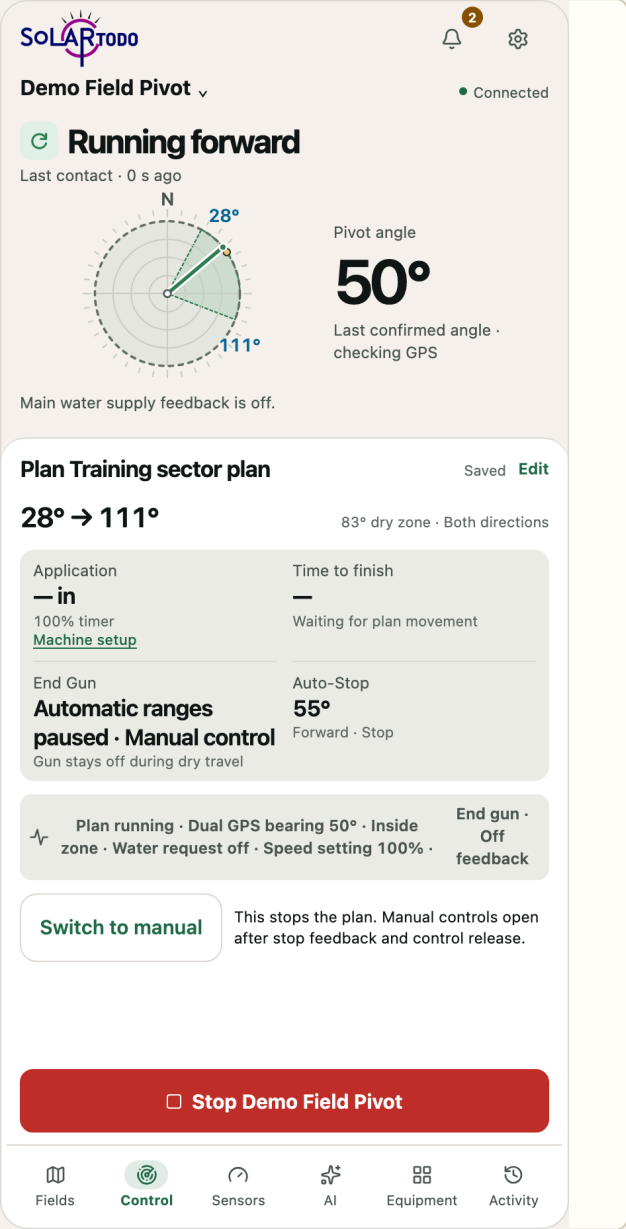
Wait for the plan and movement response. The isolated scenario supplies a run signal independently from the app submission.

Check Treat a missing start response as unresolved.

TASK 07 · CONTROL AND FIELDS

Check plan readiness, device revision and start feedback

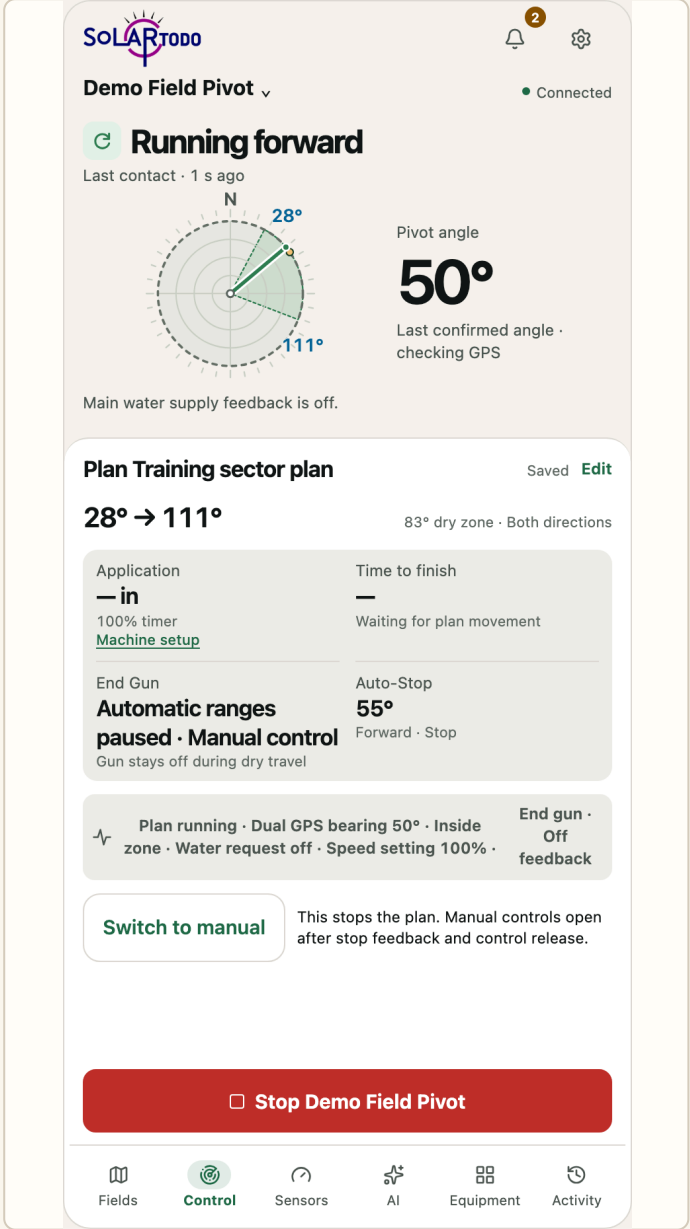
Steps 7–8 of 9



07 Inspect the boundary outcome

Watch the indicated position cross the 55° boundary in the isolated training plan.

Check The reported automatic stop is still a software and contact-input demonstration, separate from measured field stopping distance.



08 Switch a completed or running plan to manual control

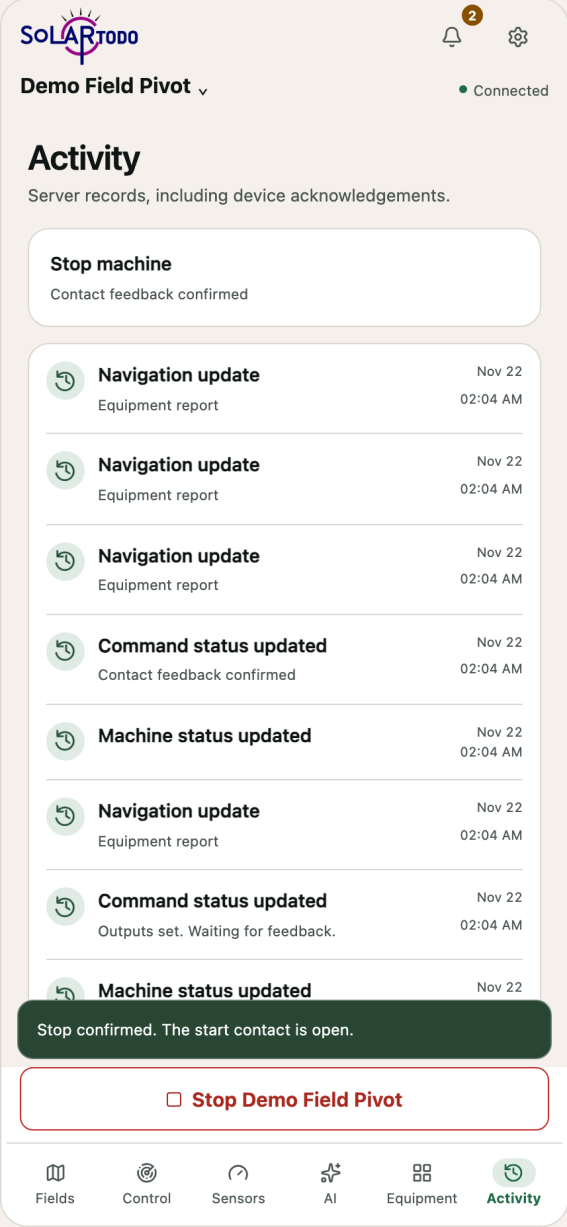
Use Switch to manual when the plan must stop, then wait for the device to return control.

Check The handover must complete before the manual controls accept movement.

TASK 07 · CONTROL AND FIELDS

Check plan readiness, device revision and start feedback

Step 9 of 9



09 Read the stop in Activity

Open Activity for the same pivot after stopping.

Check The stop command and device return can be checked by their timestamps.

If the result differs

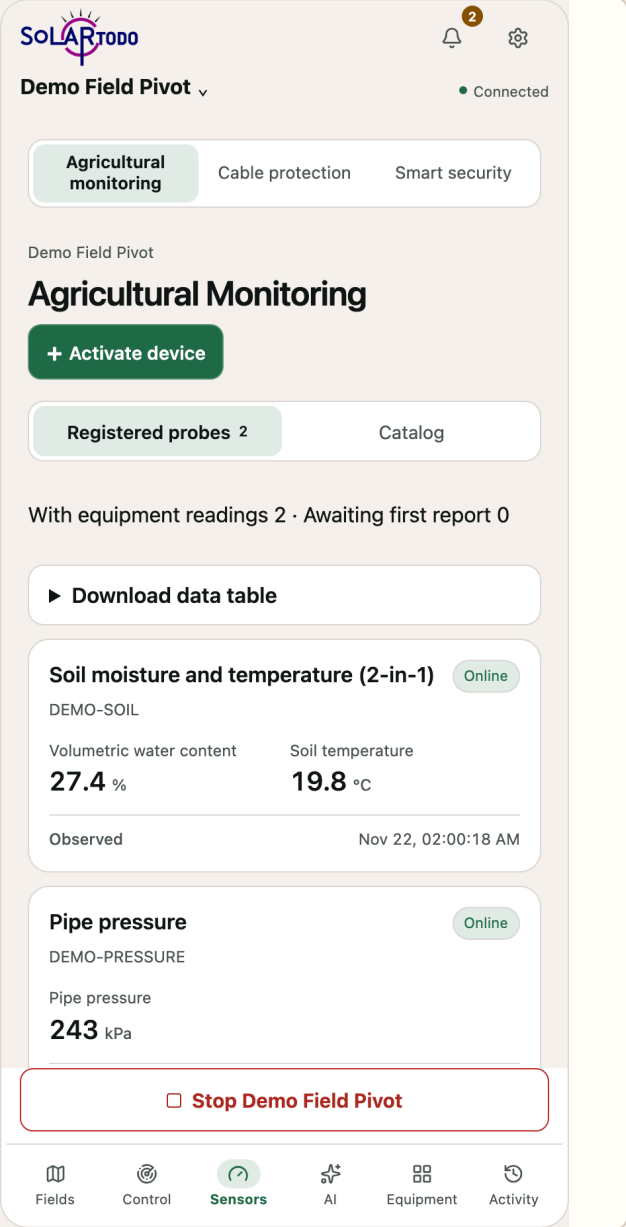
- If a revision is pending or GPS is unavailable, do not start the plan. Resolve the discrepancy and inspect the current machine report.
- A simulated boundary stop does not establish the field stopping distance. Confirm mechanical stop and distance on site.

TASK 08 · SENSORS

Activate a monitoring probe and verify its first report

Steps 1–2 of 7

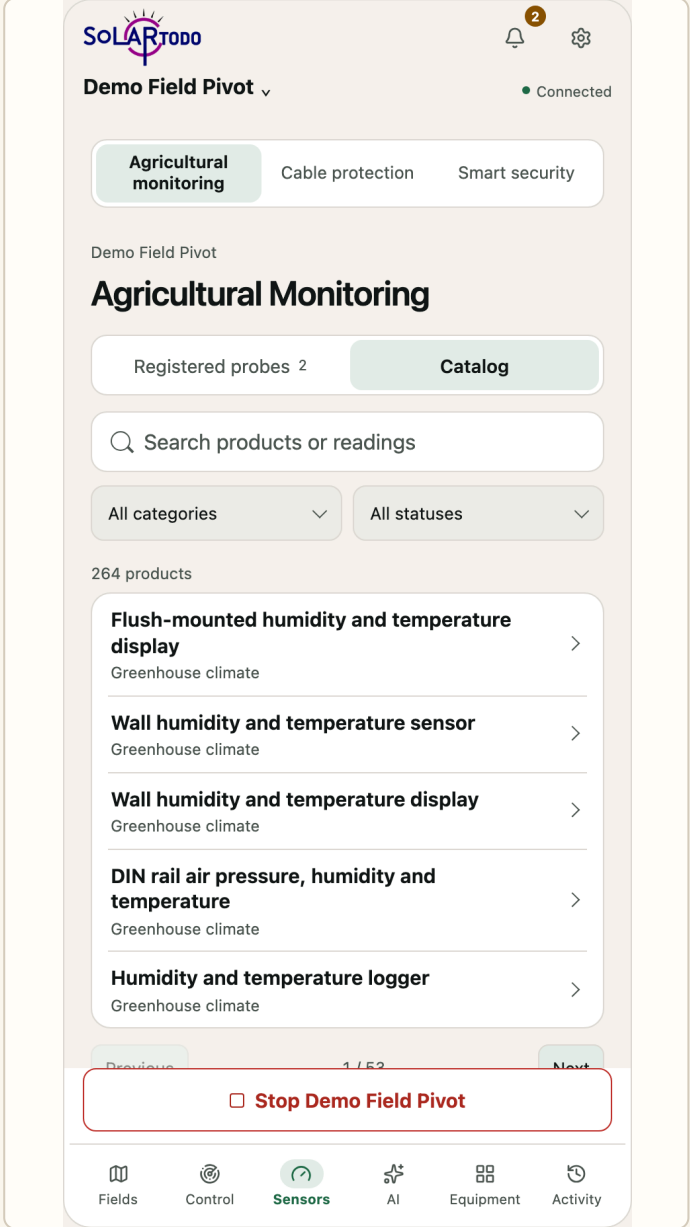
Assign an approved probe to the selected pivot and check whether it has actually reported a reading. Obtain the matching activation code from your administrator.



01 Open Registered probes

Tap Sensors, then the agricultural monitoring module. Open Registered probes.

Check The machine name and existing probe count identify the list.



02 Use the Catalog if needed

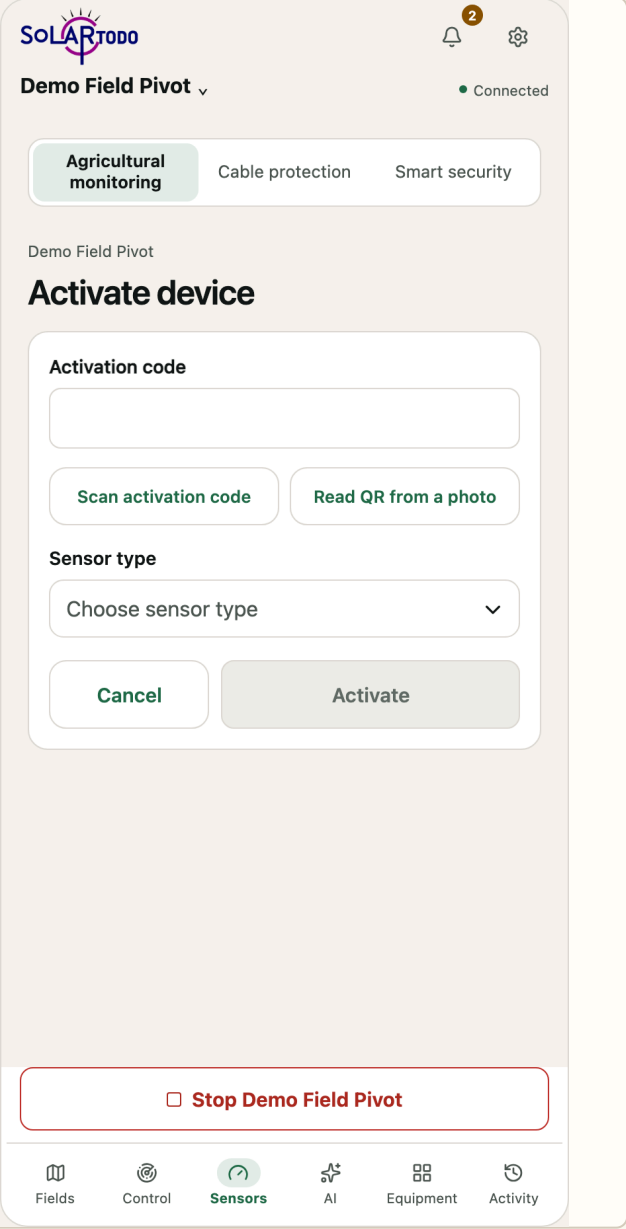
Open Catalog to identify the required type. Return to Registered probes when ready to bind.

Check The catalog shows supported types. It does not show that a particular probe has joined the machine.

TASK 08 · SENSORS

Activate a monitoring probe and verify its first report

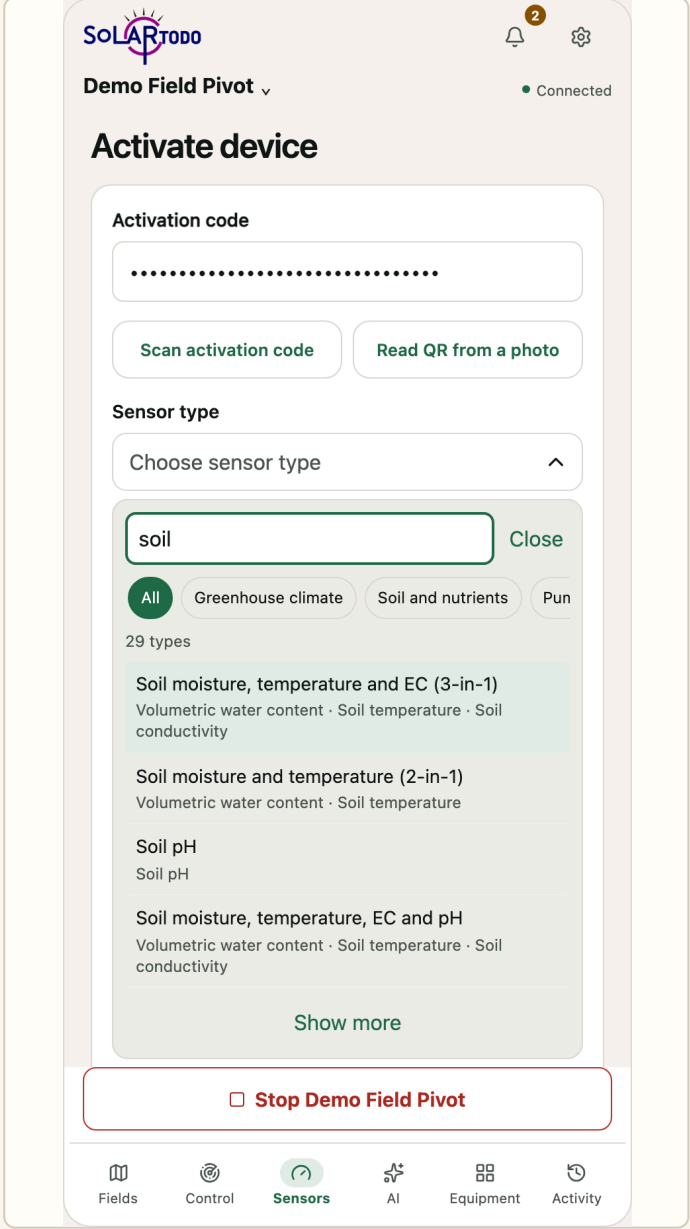
Steps 3–4 of 7



03 Open the activation form

Tap Activate device. Enter the administrator-issued code or use the scanner when available.

Check The form names the selected pivot and separates the activation code from the type.



04 Search sensor types

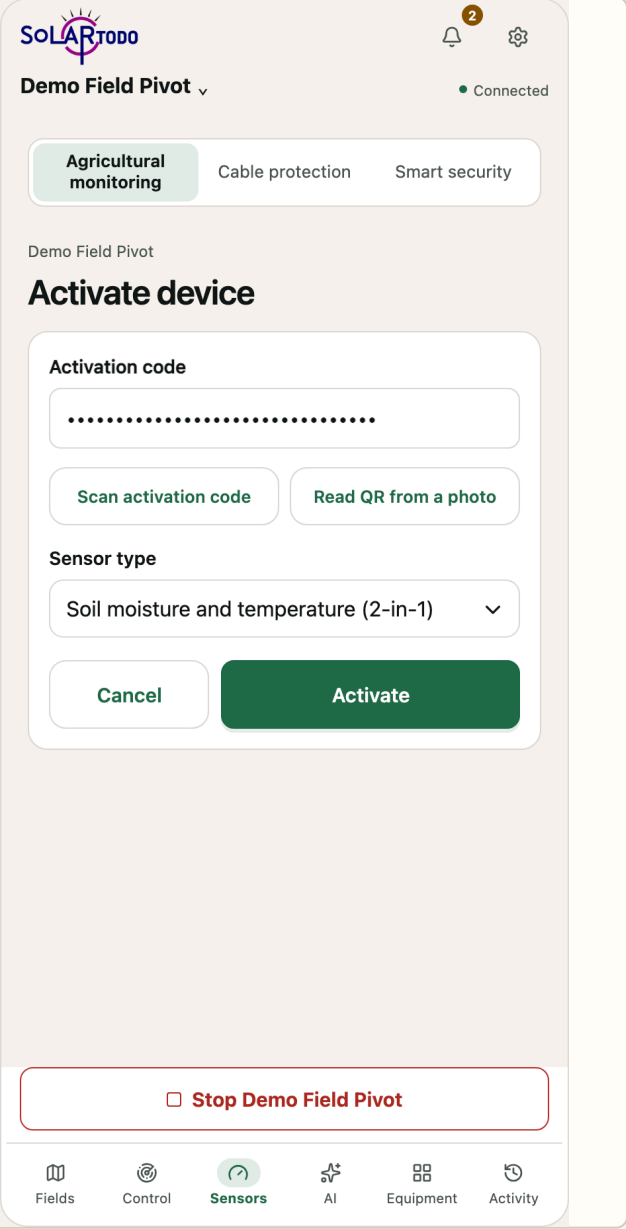
Open the type selector and search for soil. Check the reading types against the installed probe.

Check Choose the sensor type supported by the actual installation.

TASK 08 · SENSORS

Activate a monitoring probe and verify its first report

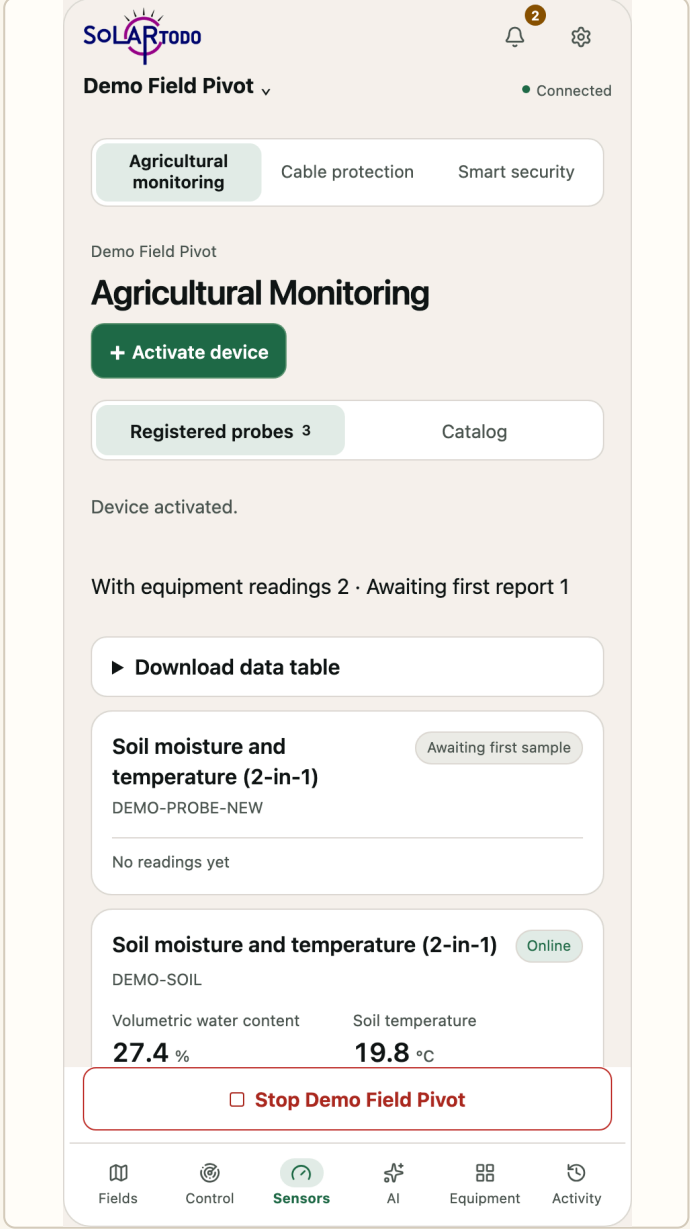
Steps 5–6 of 7



05 Review the activation

Make sure the code and selected type match before tapping Activate. The training code is masked in the screenshot.

Check The Activate button is enabled when the required fields are in place.



06 Read the registration result

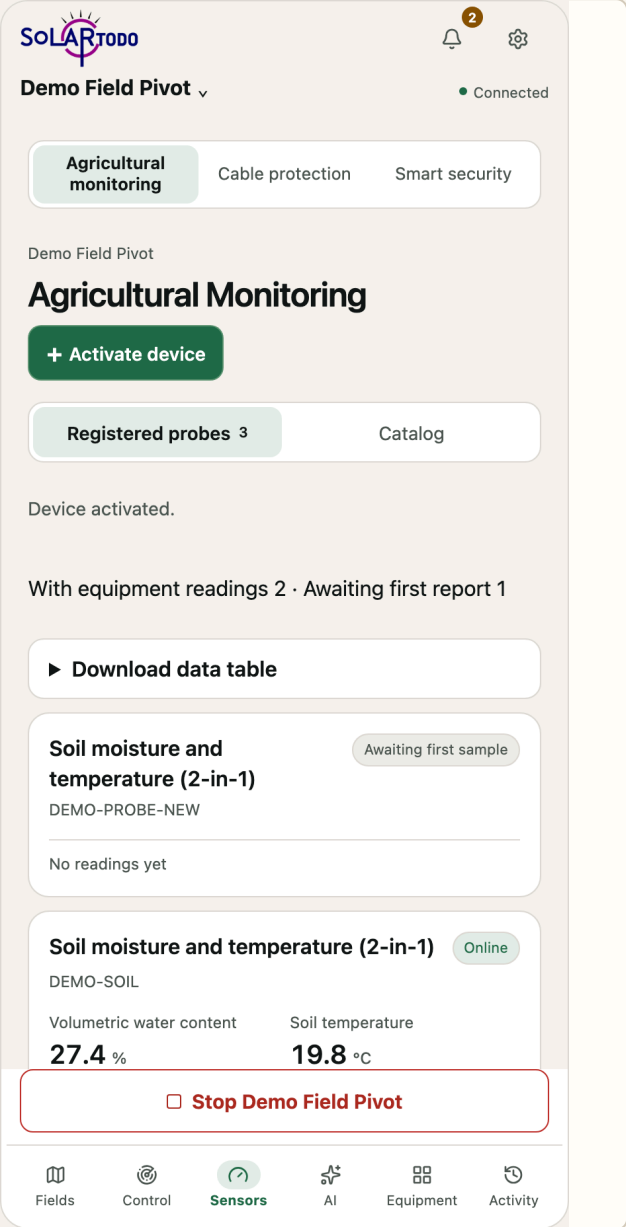
Return to Registered probes and look for the activation notice.

Check An awaiting-first-report count can remain until the new probe sends its first sample.

TASK 08 · SENSORS

Activate a monitoring probe and verify its first report

Step 7 of 7



07 Read a populated probe

Open an existing soil probe as a reference. Read its unit, timestamp and source.

Check A sample must have a timestamp and unit before comparing it with other readings.

If the result differs

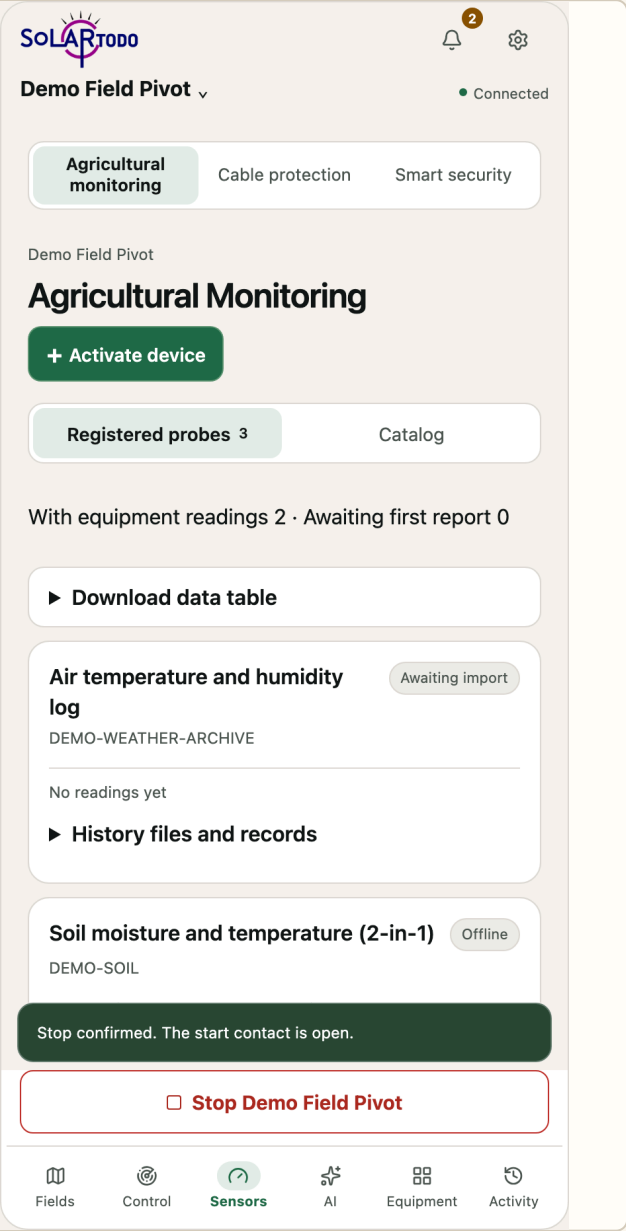
- Confirm which portal and machine should own the code. Ask for a new code if it was used or expired.
- Awaiting first report is a valid registration state. Confirm the site link and probe connection before declaring a fault.

TASK 09 · SENSORS

Choose a date range and download monitoring data

Steps 1–2 of 8

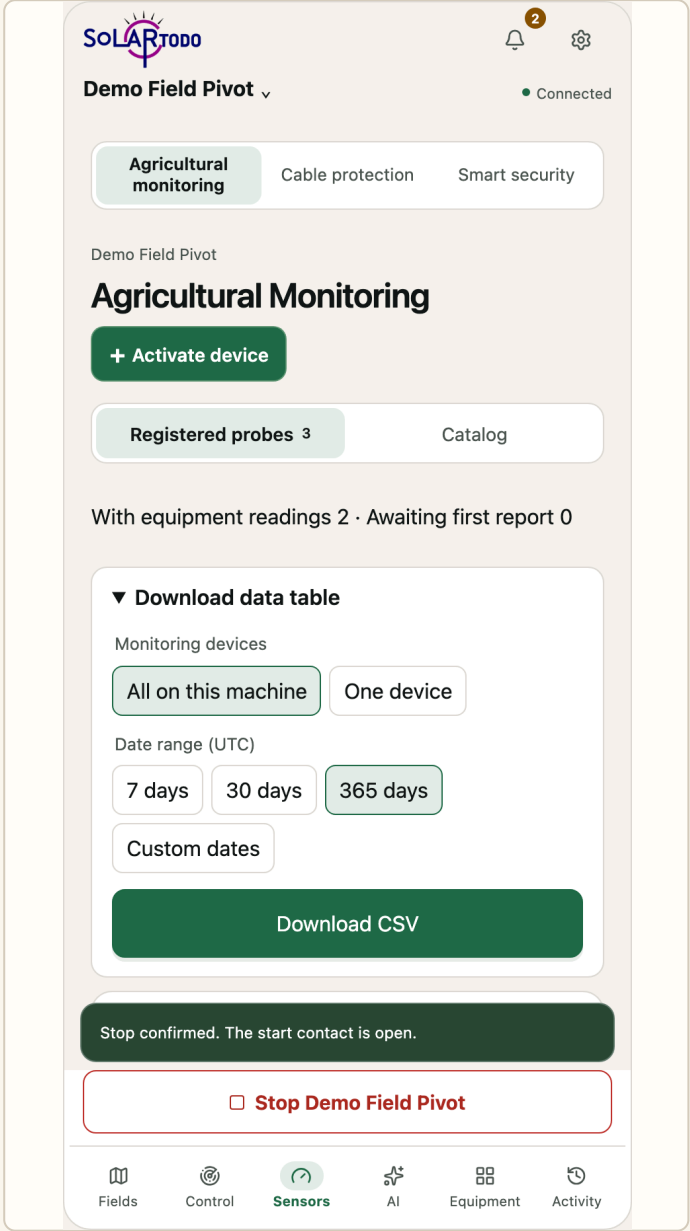
Export a date-bounded set of readings and identify the fields that establish where each value came from. Select a pivot with registered probes.



01 Locate the monitoring export

On Registered probes, find the export panel for this machine.

Check The export is scoped to the selected equipment.



02 Review scope options

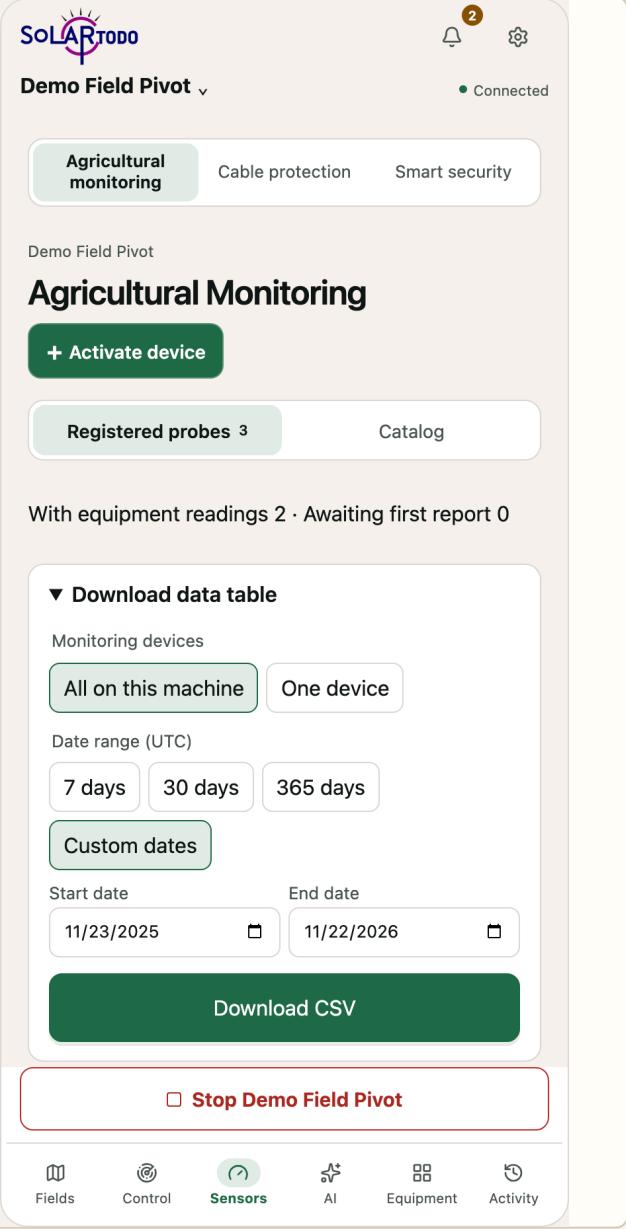
Open the export panel and choose all registered probes or one probe.

Check The selected scope and date options are visible in the same panel.

TASK 09 · SENSORS

Choose a date range and download monitoring data

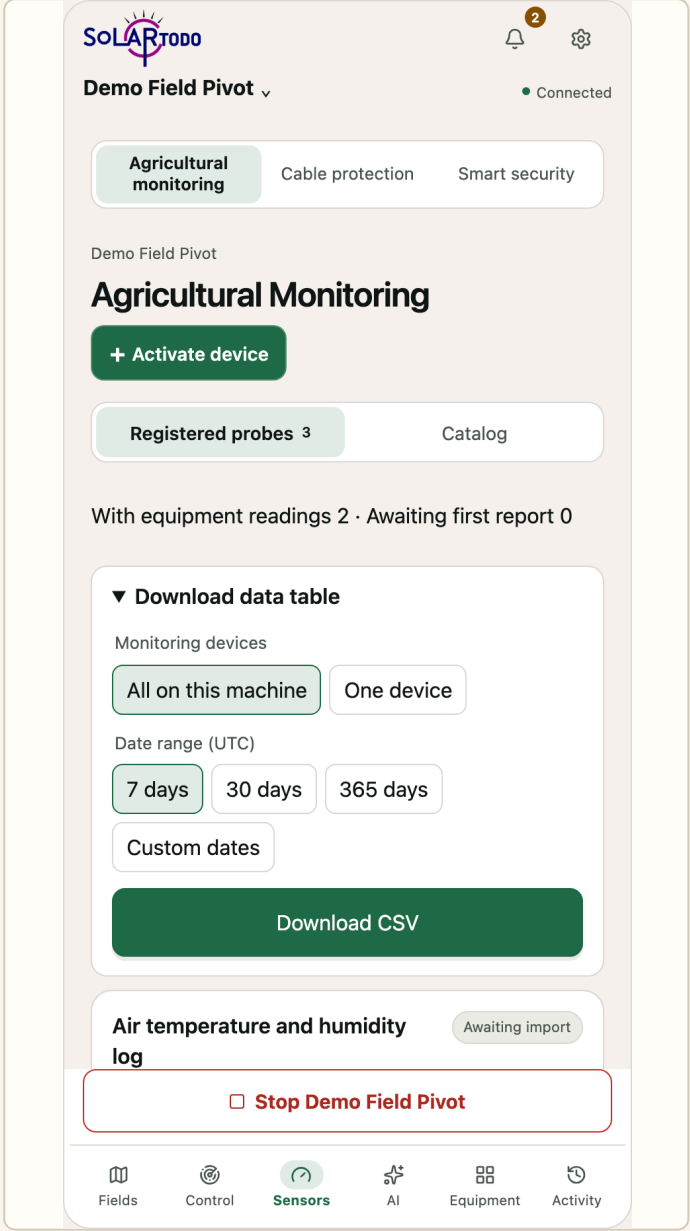
Steps 3–4 of 8



03 Review a custom date range

Select Custom dates. Enter valid UTC start and end dates within the allowed range.

Check The UTC label defines how to interpret the selected dates.



04 Download a seven-day example

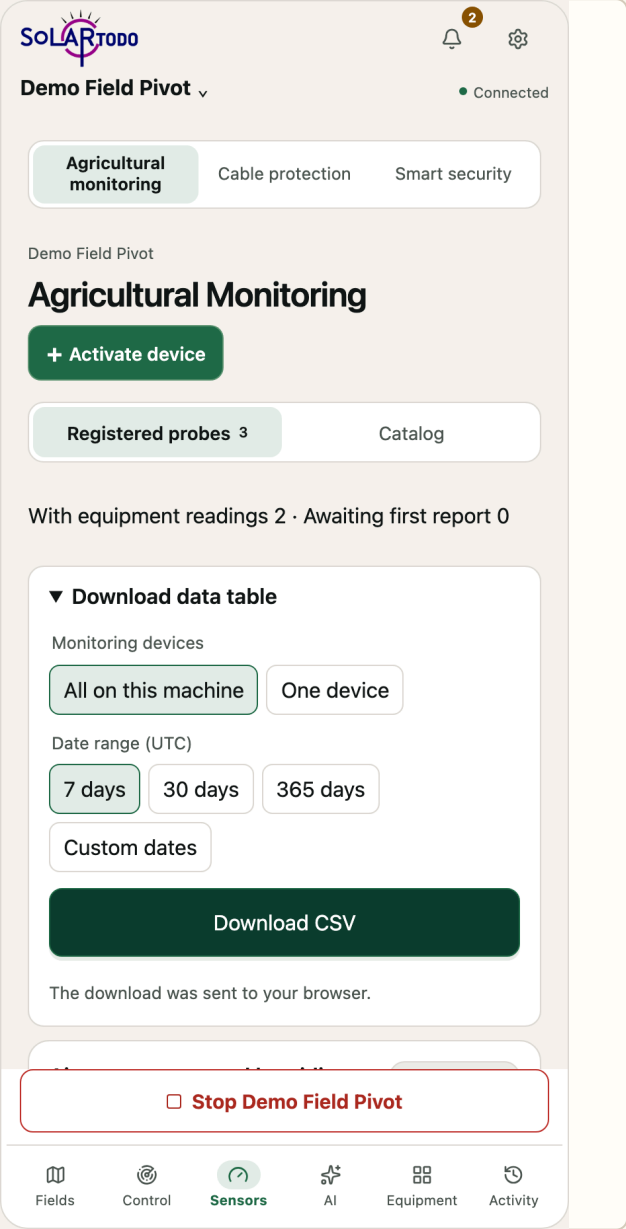
Choose 7 days and press Download CSV.

Check The browser downloads a CSV for the active machine and period.

TASK 09 · SENSORS

Choose a date range and download monitoring data

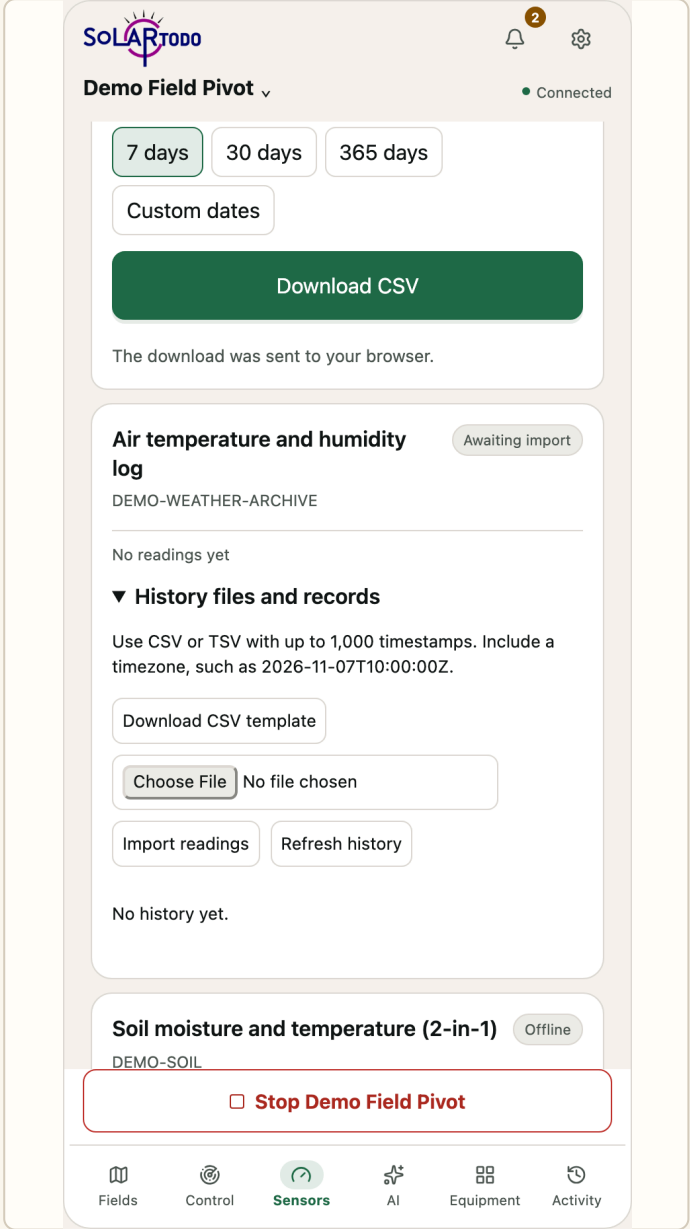
Steps 5–6 of 8



05 Read the returned result

Keep the export panel open to verify the download status. In the saved file, check timestamp, probe, metric, value and unit.

Check A successful request can still have an empty set of samples. Compare with the on-screen timestamp.



06 Open a designated history archive

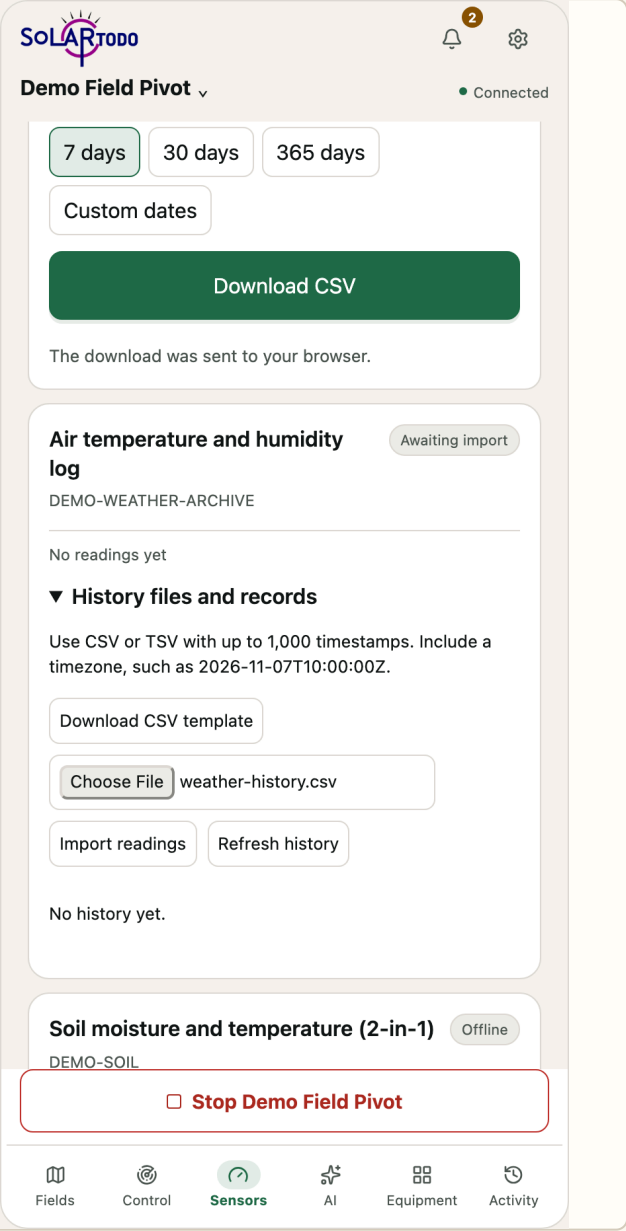
For a file-based measurement source, expand History files and records. Download the template when the column names are unknown.

Check A historical archive is attached to a specific measurement profile.

TASK 09 · SENSORS

Choose a date range and download monitoring data

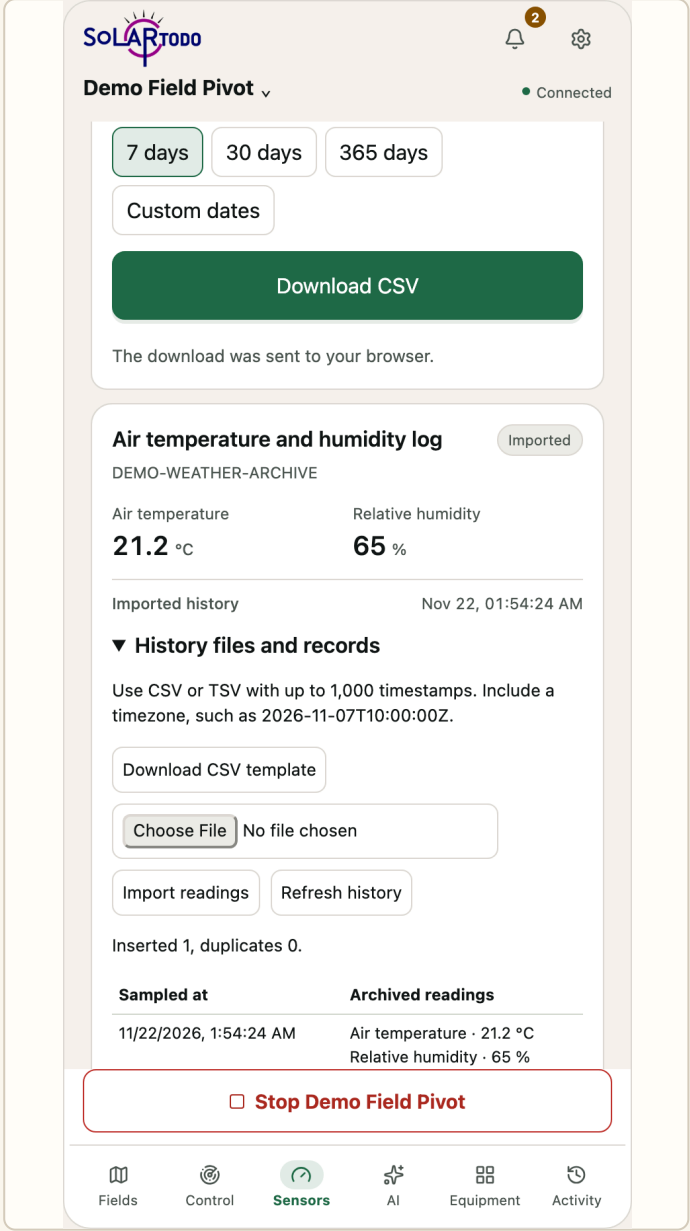
Steps 7–8 of 8



07 Review the selected CSV before import

Choose the completed file. Check that sampled_at, checked units, and source columns use the template's expected format.

Check The selected filename is shown with the import button.



08 Read the import result, then refresh history

Click Import and verify the displayed results. Refresh history to inspect the timestamp and stored reading.

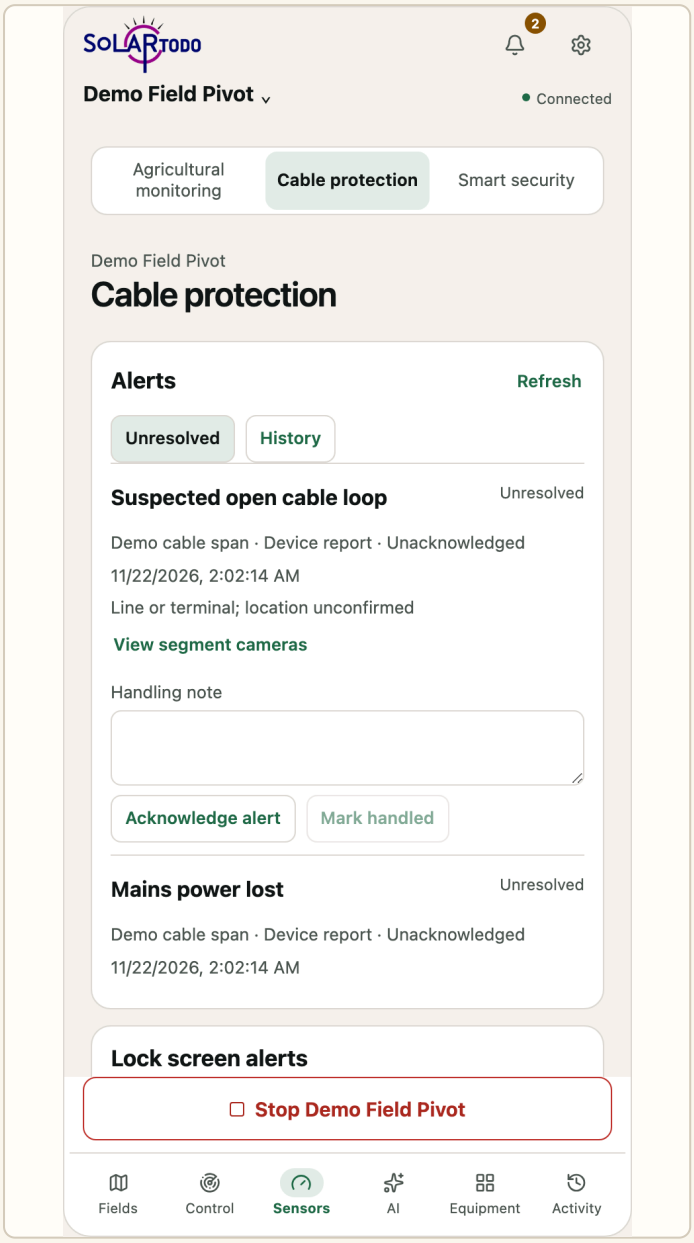
Check The imported row belongs to the archive and can now be queried separately from live telemetry.

TASK 10 · SENSORS

Acknowledge and handle a cable alert

Steps 1–2 of 7

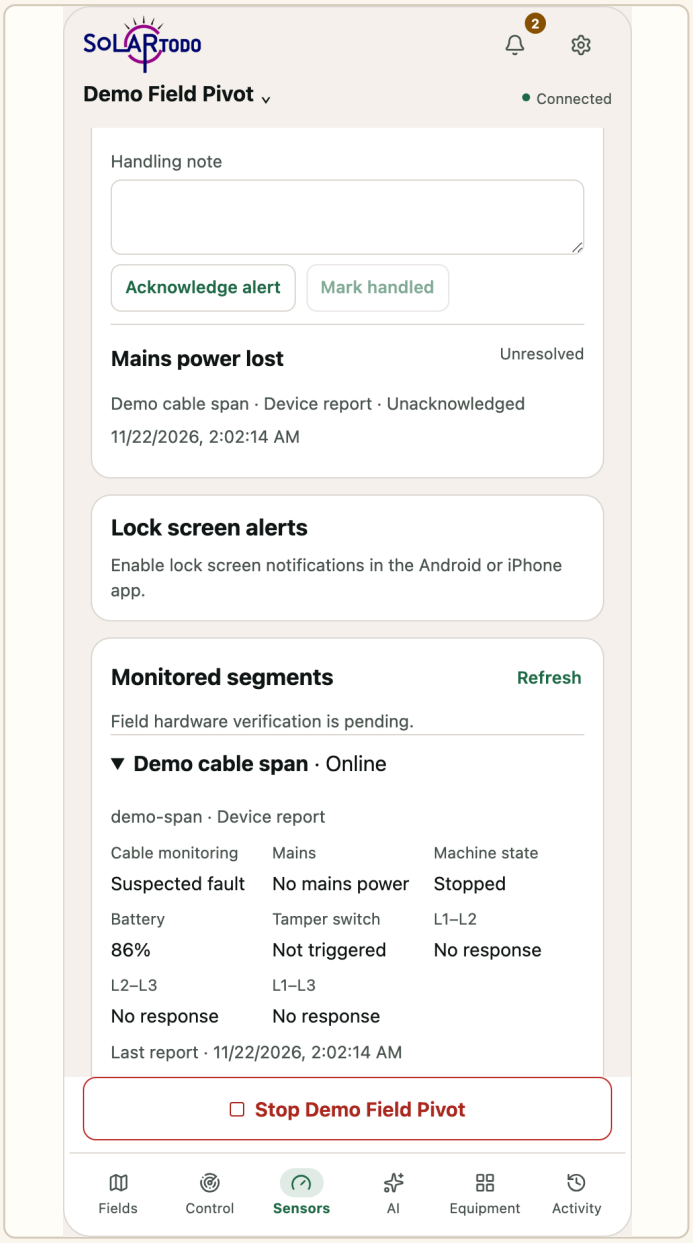
Find an alert, record that it was seen, and preserve a separate handling note. Use an account allowed to acknowledge and process alerts.



01 Open cable protection

From Sensors, choose the cable protection module for the highlighted pivot.

Check The module shows a cable segment assigned to this machine.



02 Read the cable segment

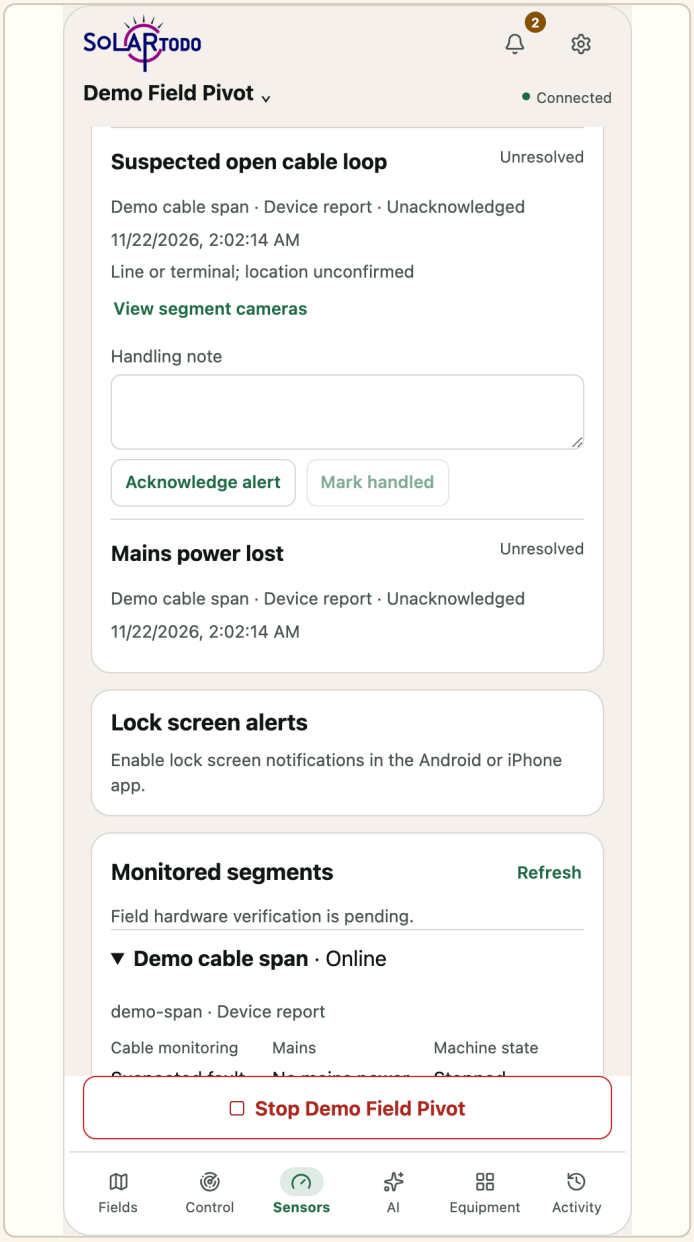
Open the named segment and inspect its reporting time and condition.

Check Make any field decision from a fresh indication and local verification.

TASK 10 · SENSORS

Acknowledge and handle a cable alert

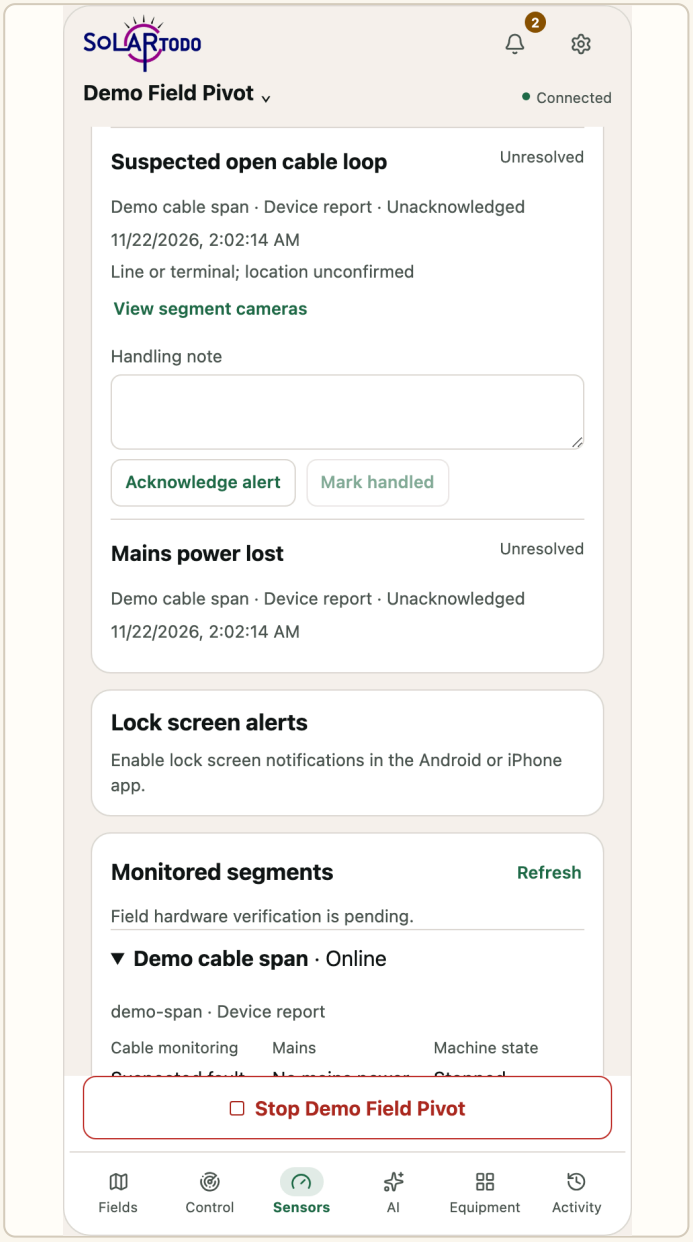
Steps 3–4 of 7



03 Expand the unresolved alert

Open the alert and review the kind, segment, time and source.

Check Status such as Unresolved does not identify who has acknowledged it.



04 Find Acknowledge alert

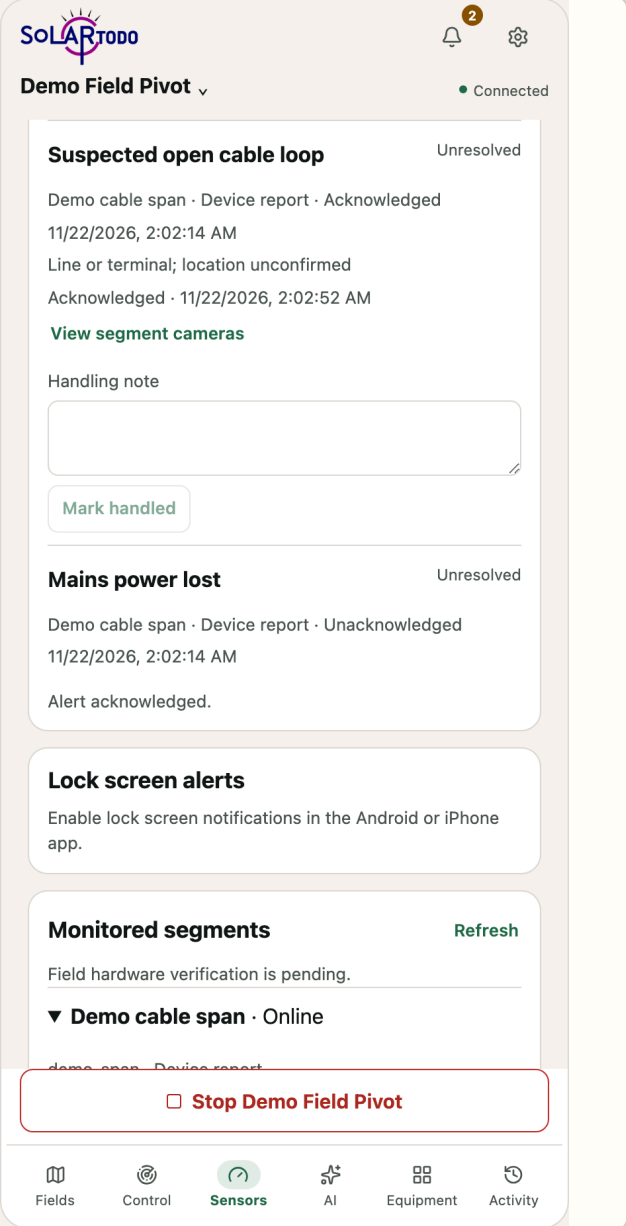
Scroll within the expanded alert to Acknowledge alert.

Check Your acknowledgment is separate from the equipment's physical status.

TASK 10 · SENSORS

Acknowledge and handle a cable alert

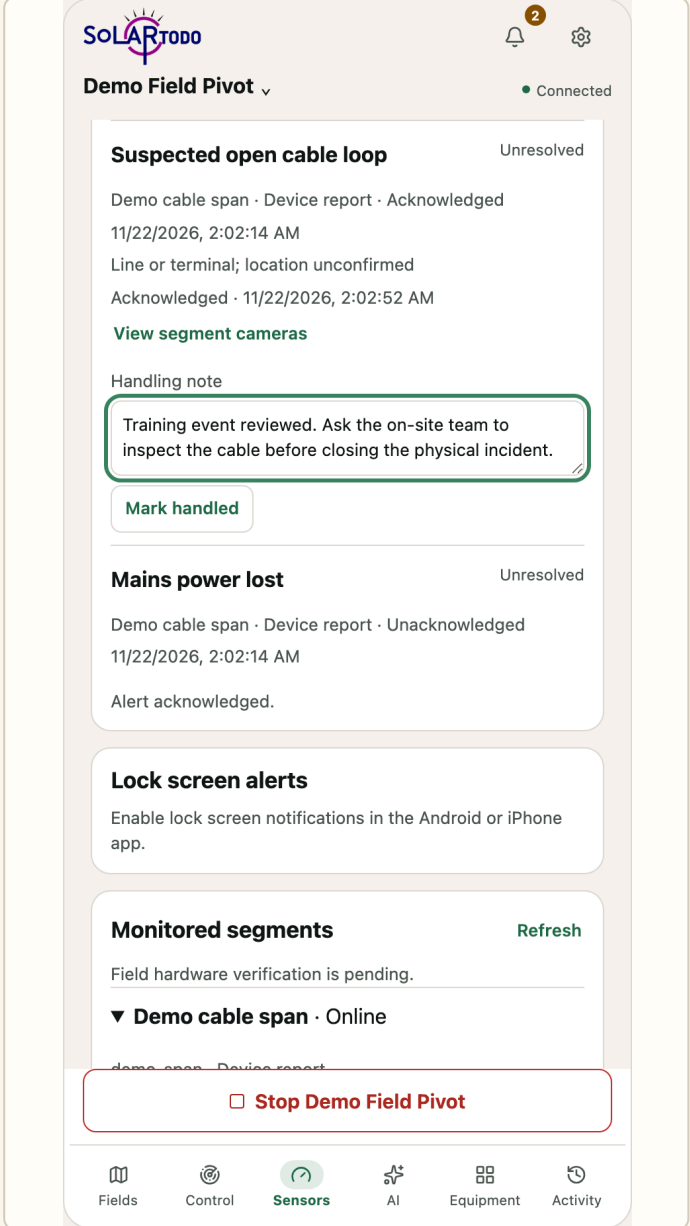
Steps 5–6 of 7



05 Verify the acknowledgment

Check the alert after acknowledging it. The event remains available while the investigation continues.

Check The workflow now records that someone has seen the alert.



06 Record an investigation note

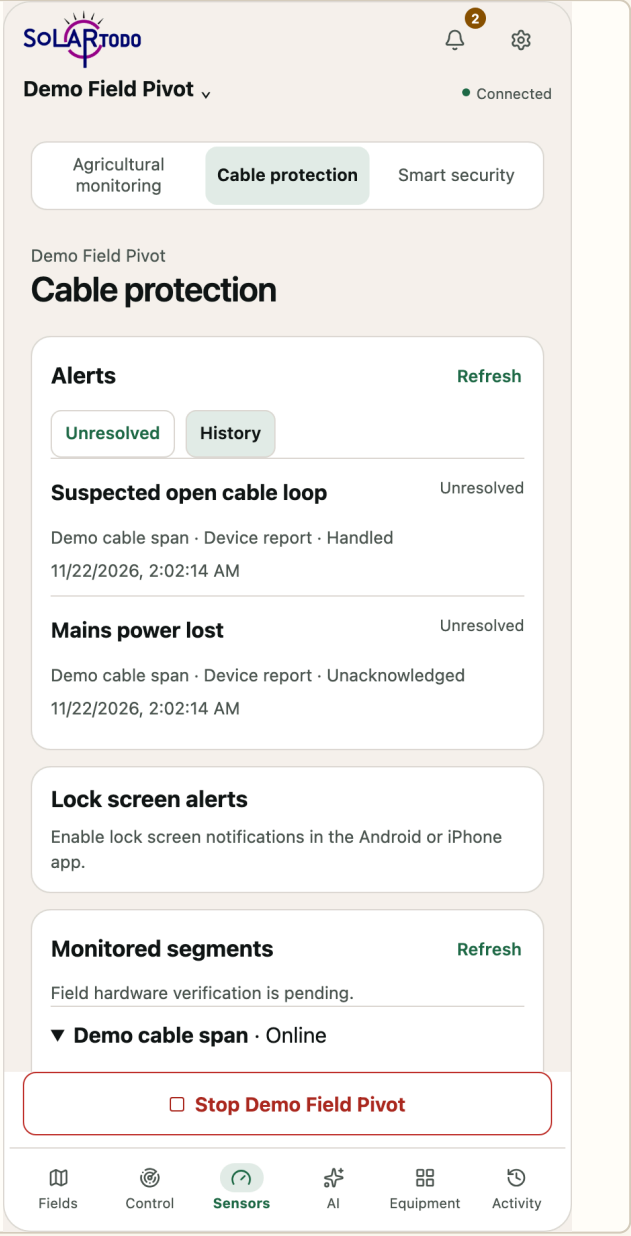
Enter what was checked and who should follow up. Choose Mark handled only if the handling record is ready.

Check The note is attached to this incident and should distinguish knowns and open work.

TASK 10 · SENSORS

Acknowledge and handle a cable alert

Step 7 of 7



07 Confirm the history entry

Switch to the alert history and confirm the event is included.

Check Read the original segment and recorded workflow result together.

If the result differs

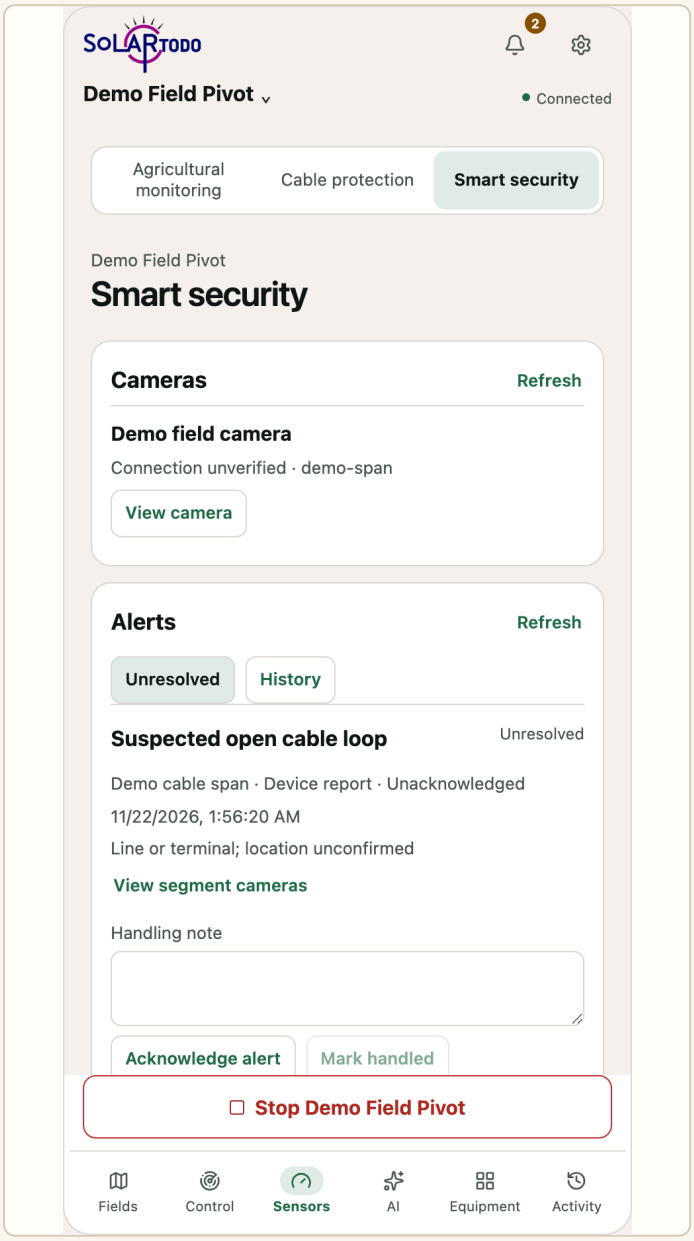
- If edit buttons are missing, check your permissions with an administrator.
- Handling an alert updates the workflow record. Ask the site team whether equipment has physically recovered.

TASK 11 · SENSORS

Locate an authorized camera view or playback

Steps 1–2 of 3

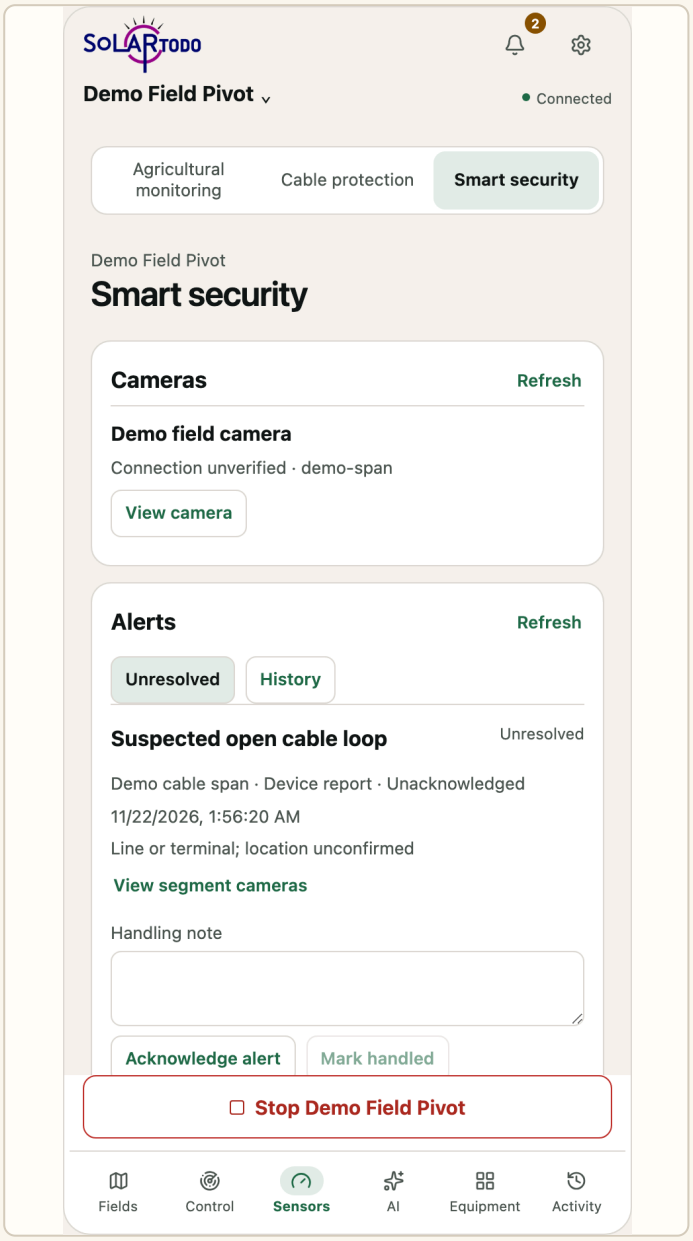
Check which camera links belong to the selected machine or protected segment. Ask an administrator to assign and configure the corresponding camera.



01 Open Security

On Sensors, choose Security for Demo Field Pivot.

Check The selected pivot stays in the header.



02 Locate the assigned camera

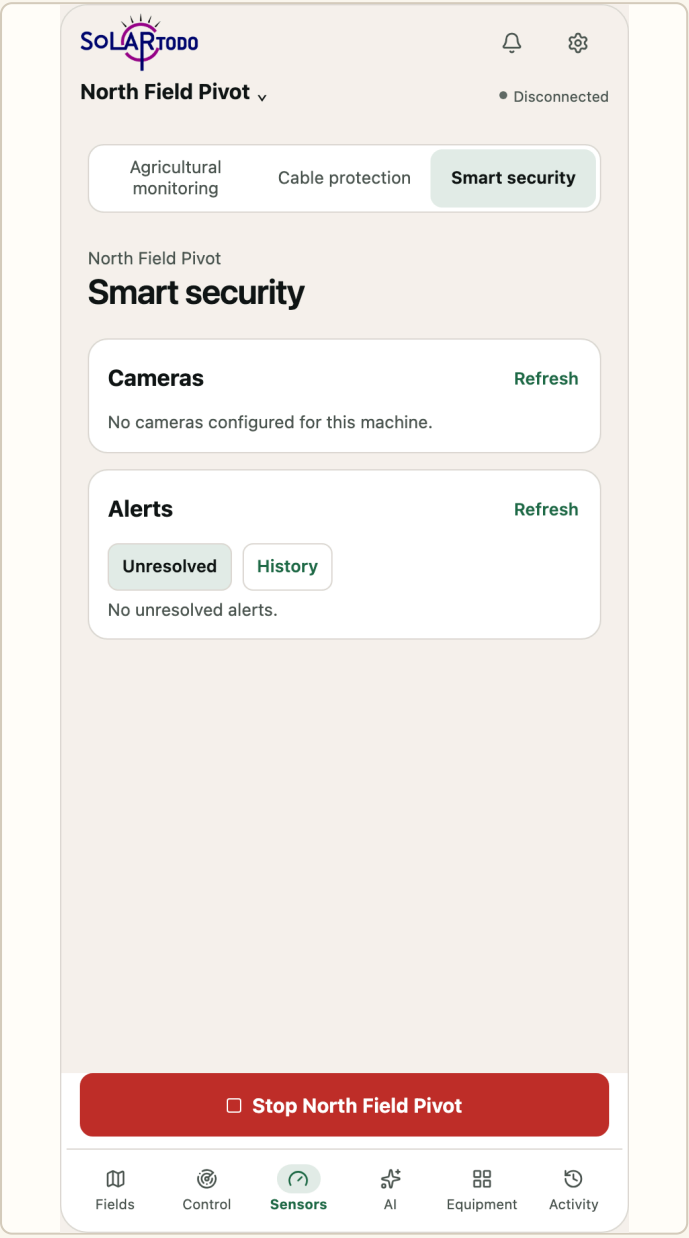
Scroll to Cameras. Read the camera name and its segment. Use View camera or View playback where offered.

Check Connection unverified is a prompt to test the actual camera link. No field stream is playing in this training view.

TASK 11 · SENSORS

Locate an authorized camera view or playback

Step 3 of 3



03 Check the empty camera state

For comparison, open Security for the other training pivot.

Check If no camera is configured for the selected machine, the empty state appears.

If the result differs

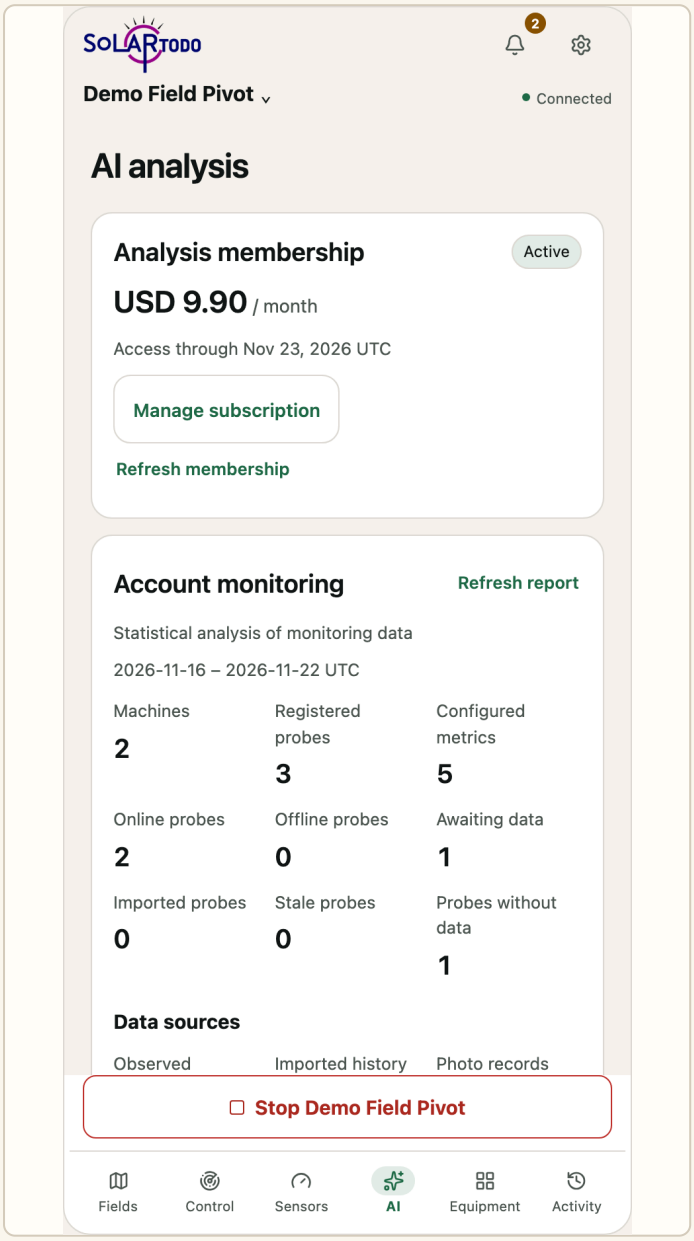
- If the list is empty, have the administrator check the camera assignment and your role.
- If a link opens but no image appears, check camera service credentials, network and browser support.

TASK 12 · AI

Verify AI access and interpret a seven-day report

Steps 1–2 of 5

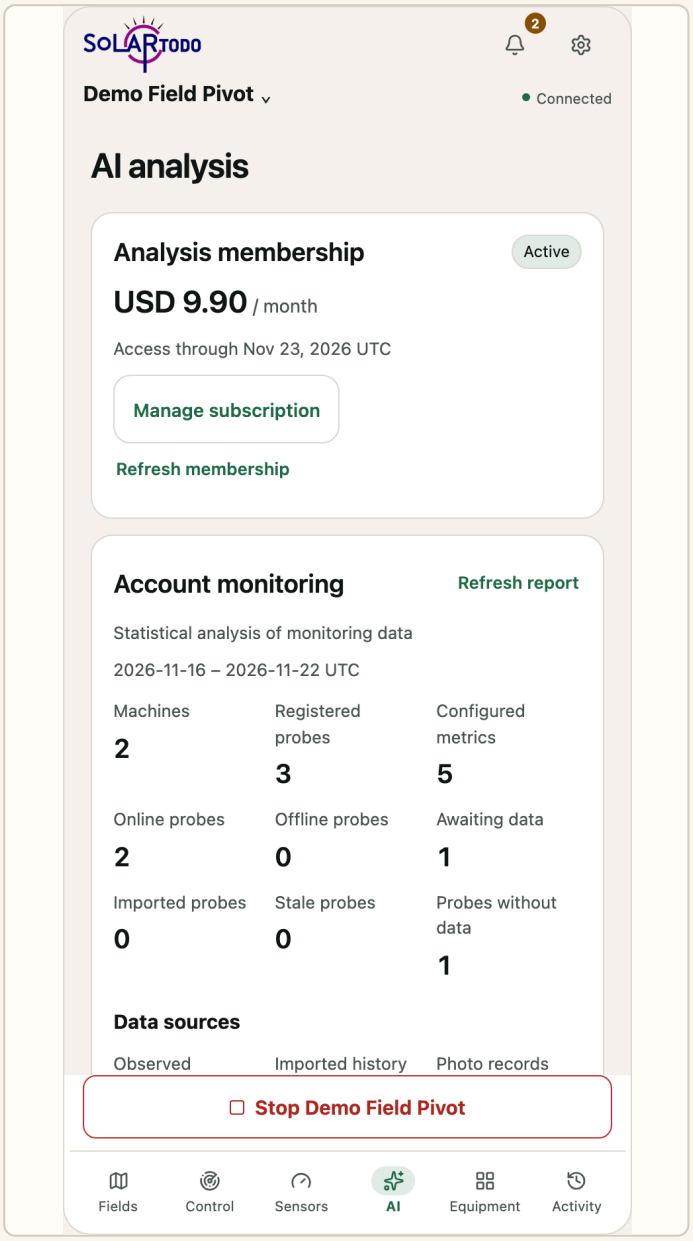
Understand account entitlement, review data coverage and trace trends back to their readings. Sign in with a grower account. Optional AI analysis is US$9.90 per month.



01 Check the subscription status

Open AI and read the entitlement, renewal information where supplied, and the monthly AI price.

Check This training account is Active. The displayed AI charge is separate from the annual control platform.



02 Read the report method

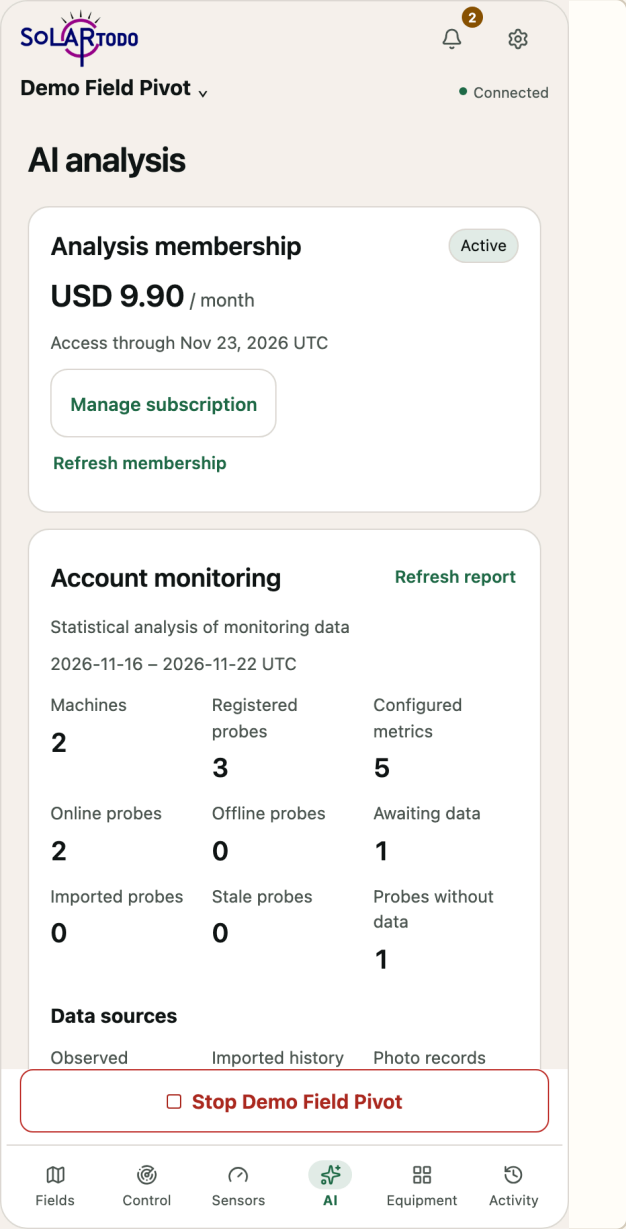
Scroll to the analysis method and time interval.

Check The report covers the account and selects a seven-day time window.

TASK 12 · AI

Verify AI access and interpret a seven-day report

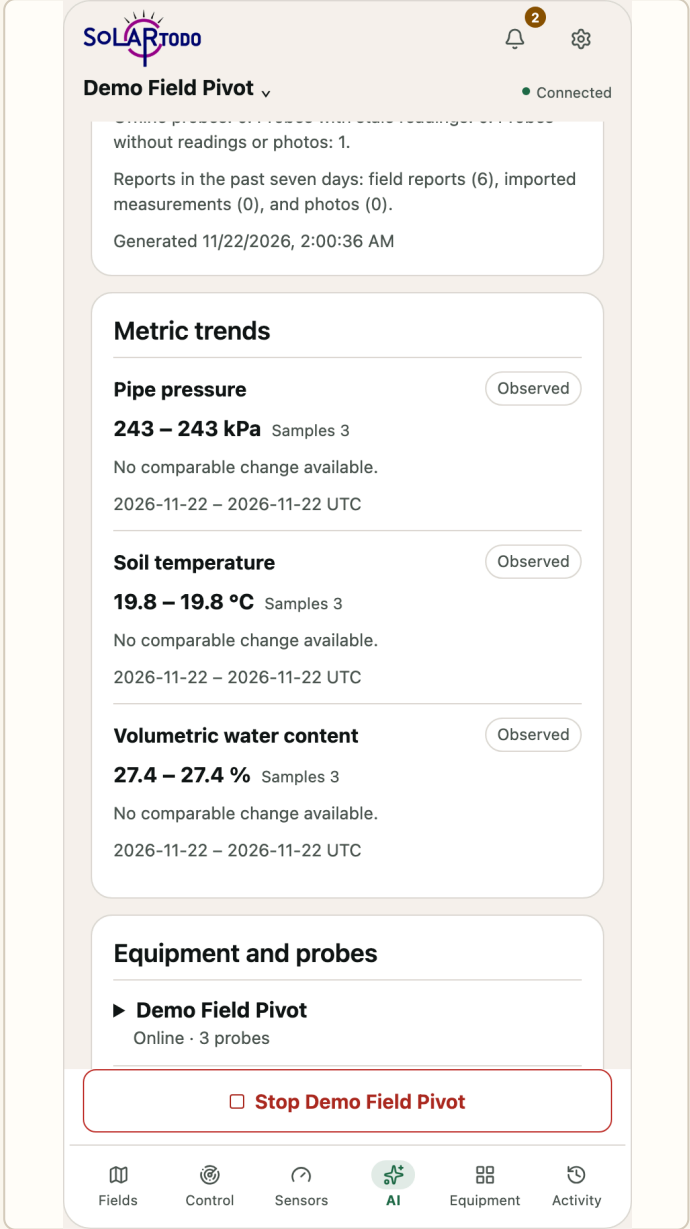
Steps 3–4 of 5



03 Read the report scope and sources

Open the scope and data-source section. Compare count coverage before interpreting changes.

Check A sample associated with another sensor, device or source cannot be interpreted as if it were your field reading.



04 Read trends and gaps

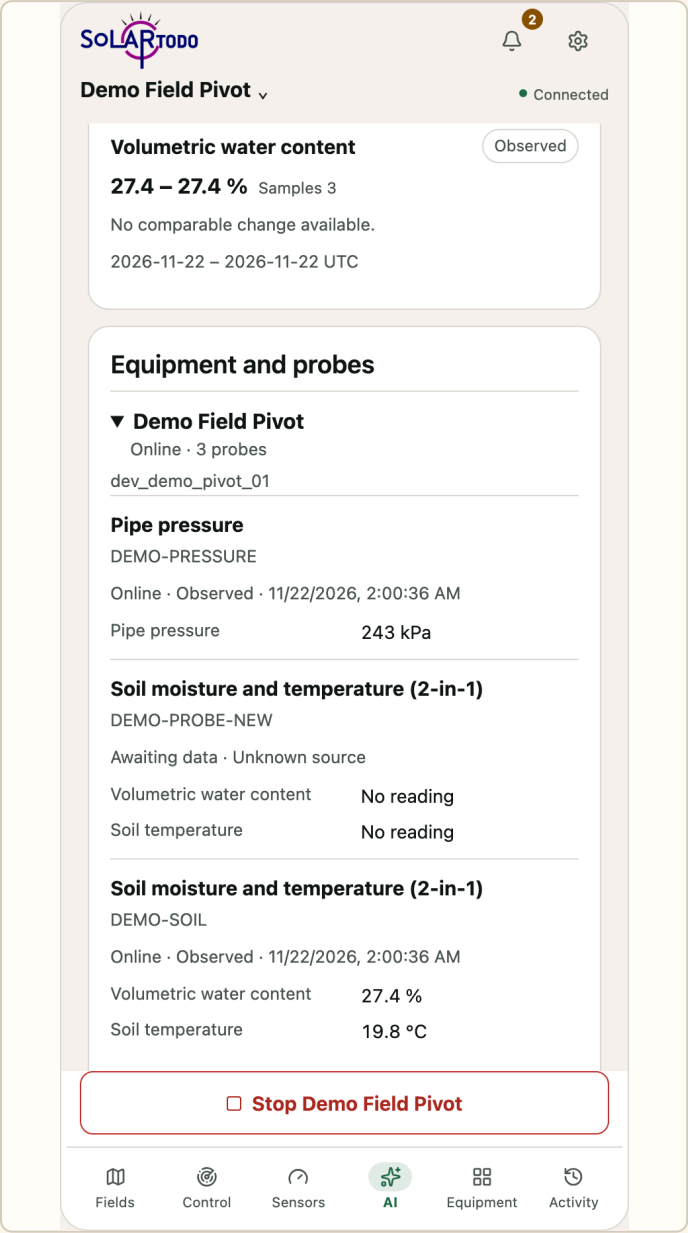
Scroll to trends and identify a real reading, its unit and a coverage gap. Return to Sensors to check details.

Check A chart point is based on available data and does not operate the machine.

TASK 12 · AI

Verify AI access and interpret a seven-day report

Step 5 of 5



05 Review an individual machine

Expand a machine in the report. Use the pivot name to check what its source readings cover.

Check The detail stays within the signed-in account's assigned equipment.

If the result differs

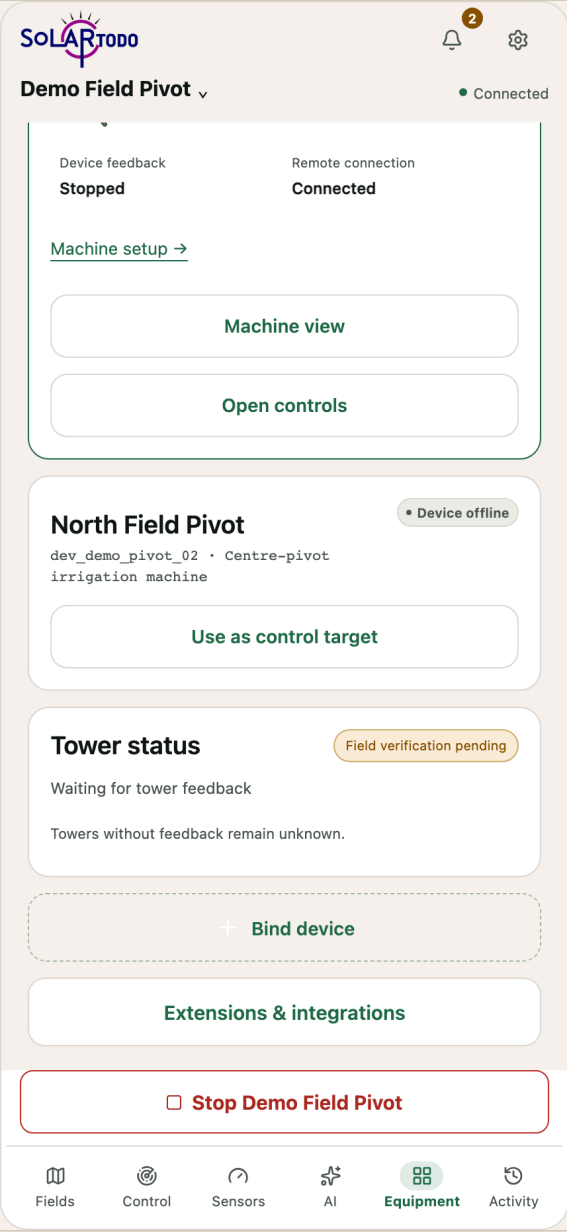
- Refresh membership if a billing provider shows a different state. Use the original purchase channel for subscription changes.
- Treat missing coverage as missing data; compare unit, source and last-sample timestamp before acting on a trend.

TASK 13 · EQUIPMENT

Claim a machine and review its equipment details

Steps 1–2 of 6

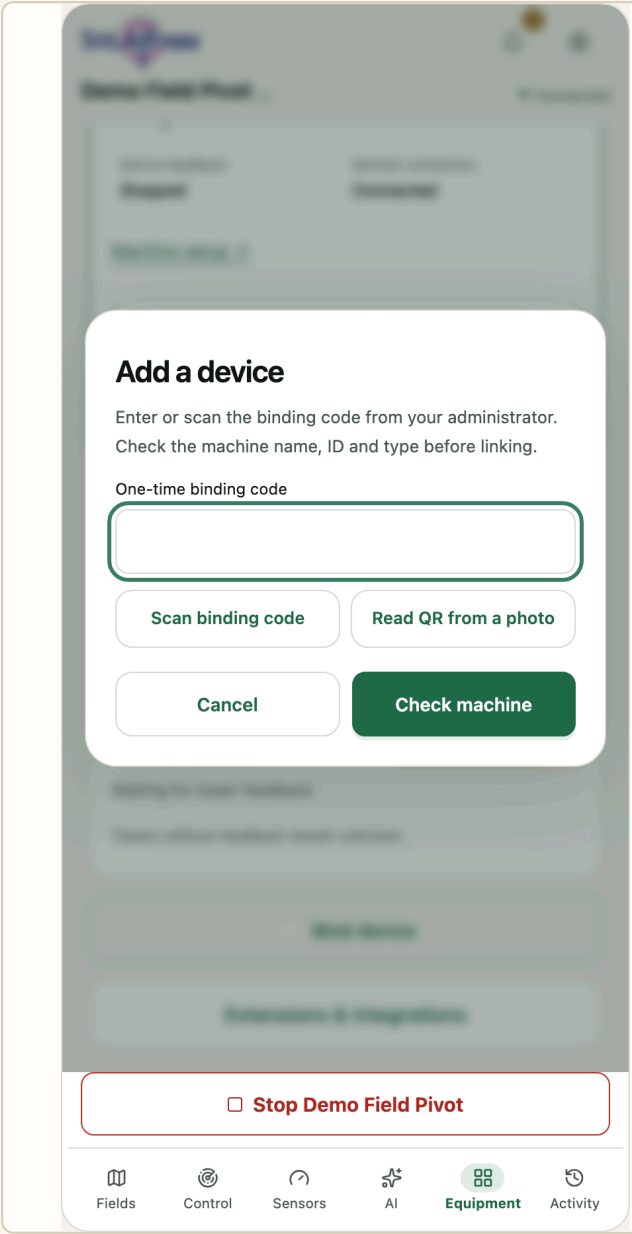
Bind a newly assigned pivot and confirm the correct record before operating it. Have the claim code issued by the equipment administrator.



01 Find the binding action

Open Equipment and look below existing equipment for the bind button.

Check The active pivot remains visible in the header.



02 Open the full bind dialogue

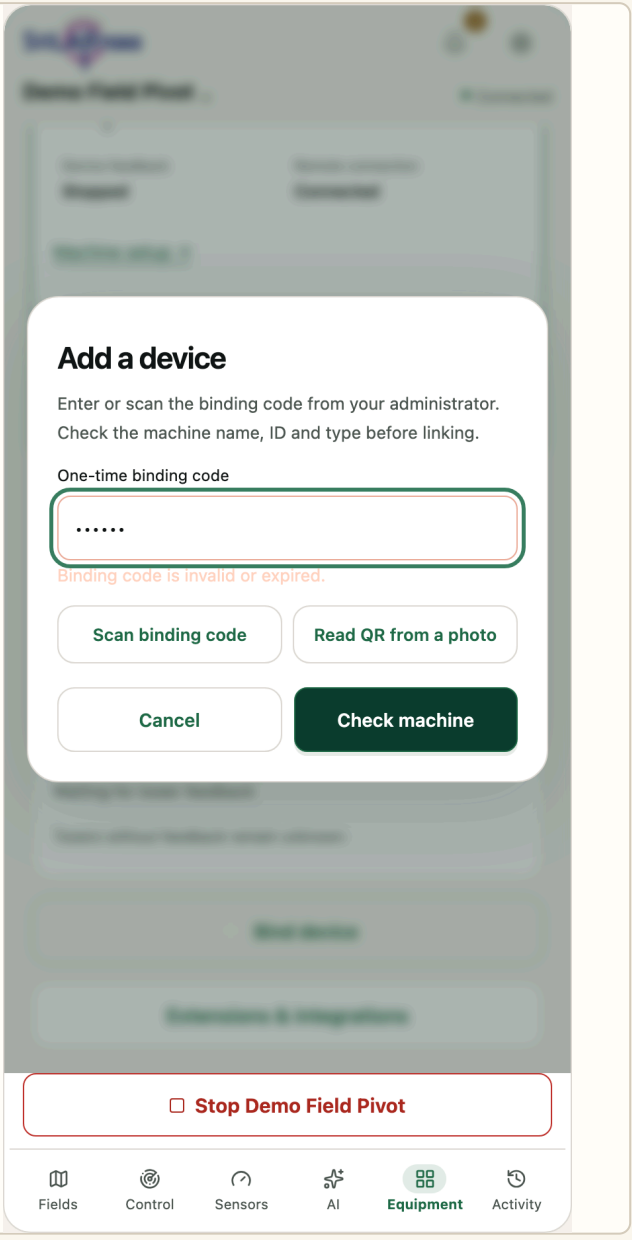
Tap Bind equipment. Type the code or use the available scanner.

Check A clearly scoped dialogue appears over Equipment.

TASK 13 · EQUIPMENT

Claim a machine and review its equipment details

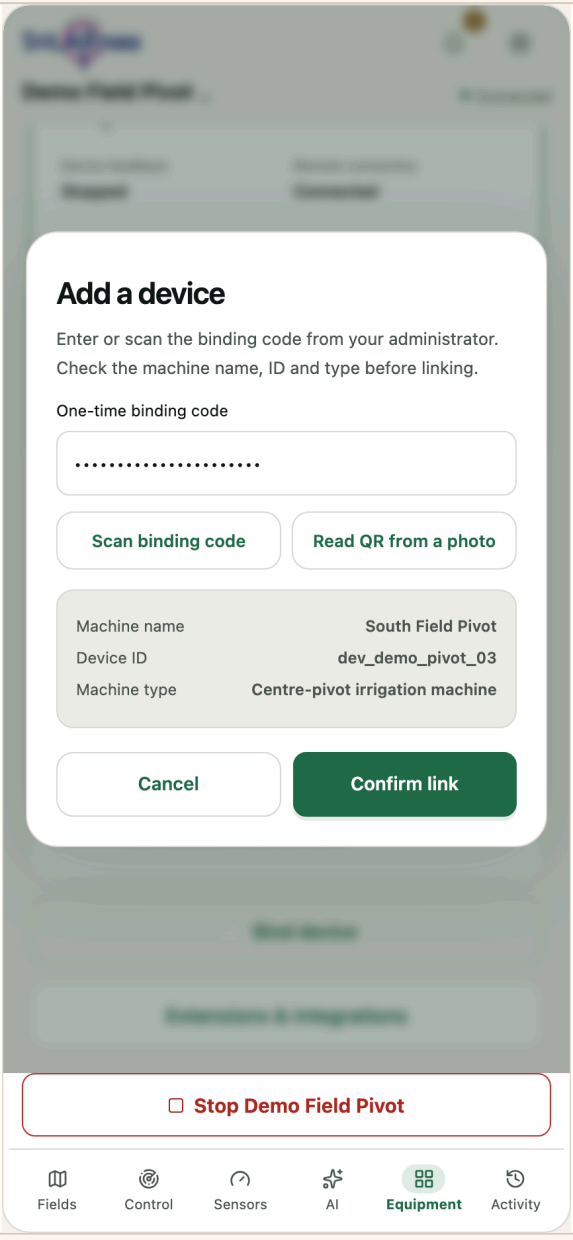
Steps 3–4 of 6



03 Recognize an invalid result

If the code is not valid, read the error before trying again. Get a new code if required.

Check An invalid code does not add an equipment record.



04 Review the preview before confirming

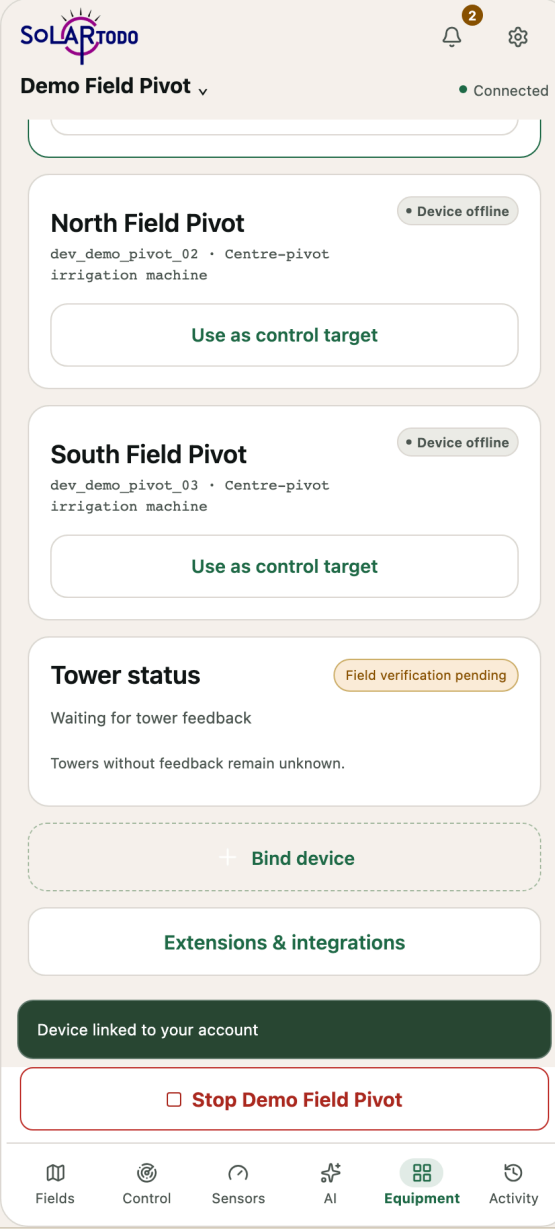
Use the issued code to open the preview. Check the machine name, type and equipment identity before confirming.

Check A preview of South Field Pivot shows the intended record. The code is masked.

TASK 13 · EQUIPMENT

Claim a machine and review its equipment details

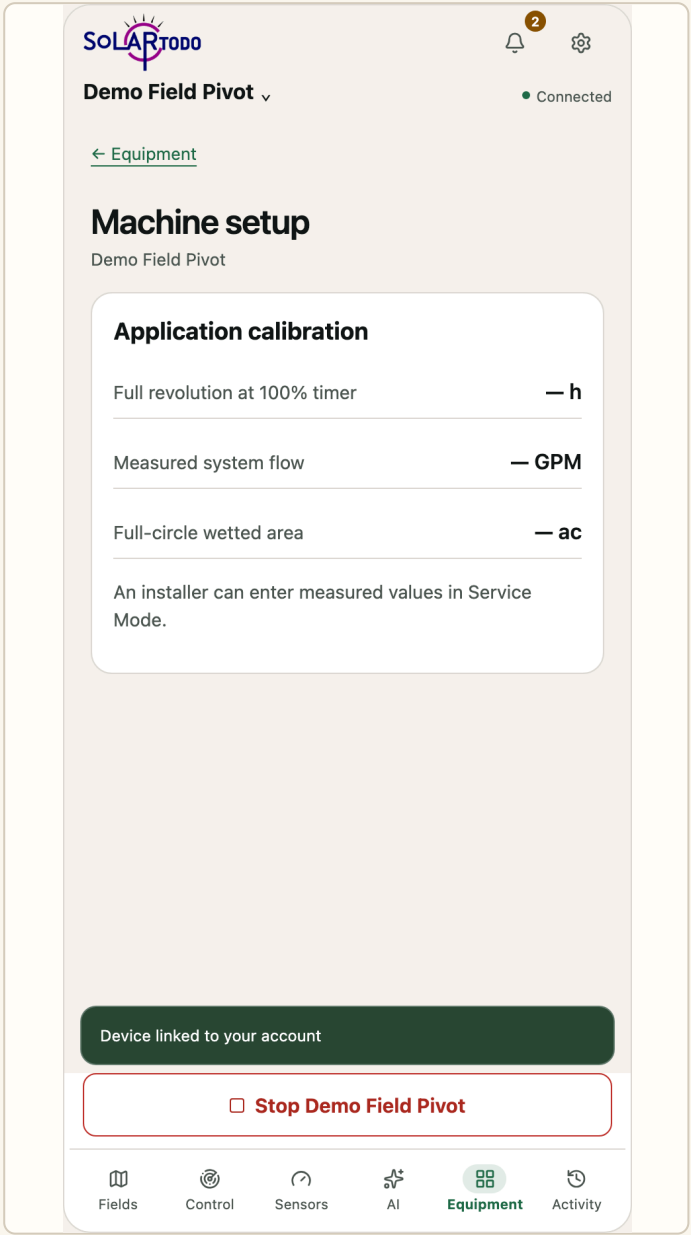
Steps 5–6 of 6



05 Confirm the claimed machine

Return to Equipment and find South Field Pivot in the assigned list.

Check The equipment row verifies that the machine is now assigned.



06 Review authorized machine parameters

Open Machine setup for the assigned pivot. Compare read-only values with the installation record.

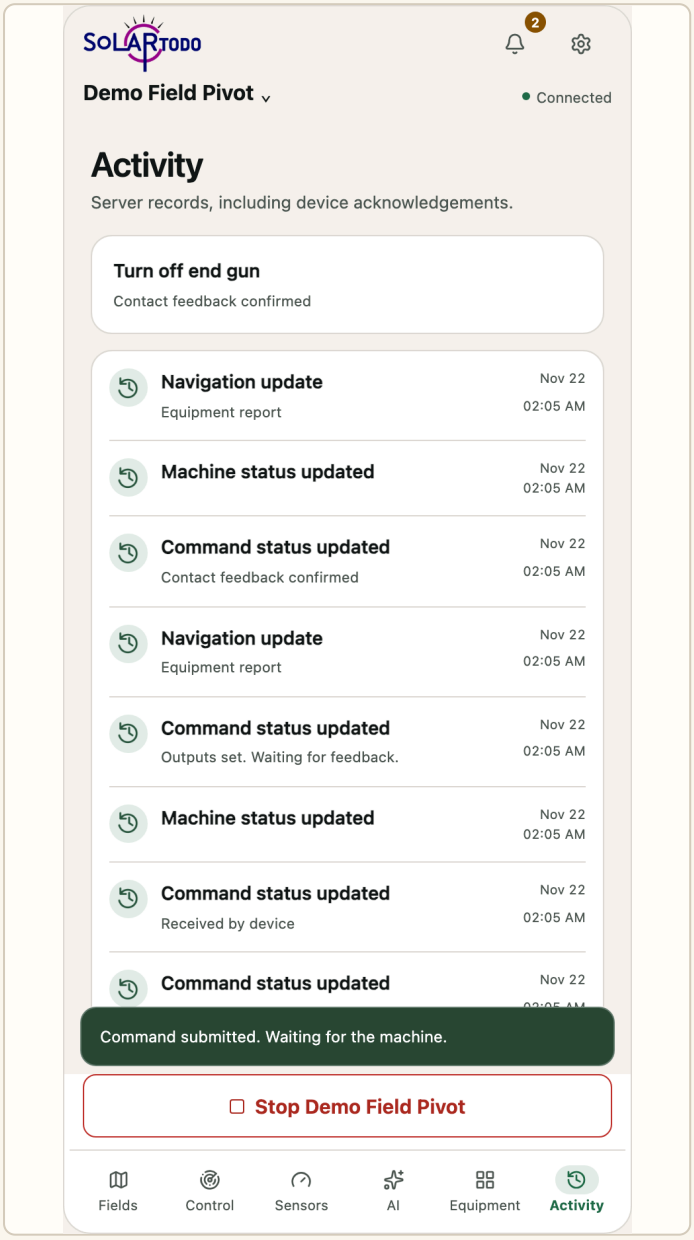
Check Only authorized users should alter site geometry or setup values.

TASK 14 · ACTIVITY AND SETTINGS

Read Activity and change the display language

Steps 1–2 of 5

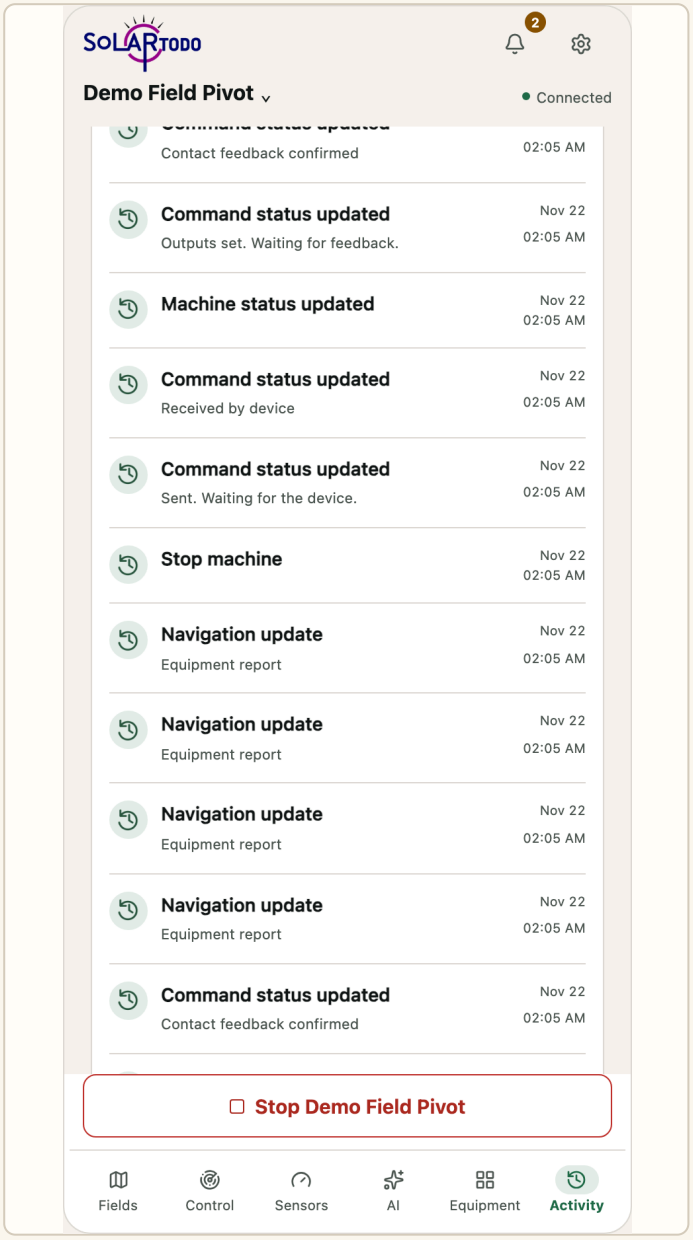
Find recent equipment history and keep the app in the preferred display language. Sign in and choose the correct target machine.



01 Open Activity for the selected machine

Tap Activity and read the latest command, time and result.

Check The header names the pivot whose history you are reading.



02 Correlate related events

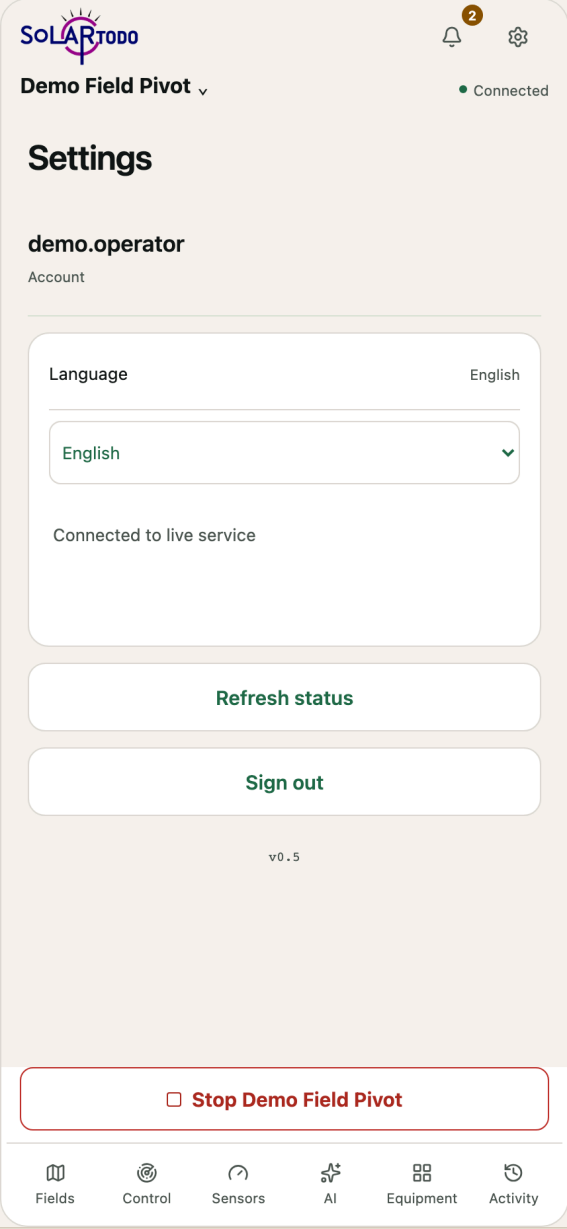
Scroll to a start or stop. Compare its result and time with the event that preceded it.

Check An equipment report, a command and its feedback may appear as separate records.

TASK 14 · ACTIVITY AND SETTINGS

Read Activity and change the display language

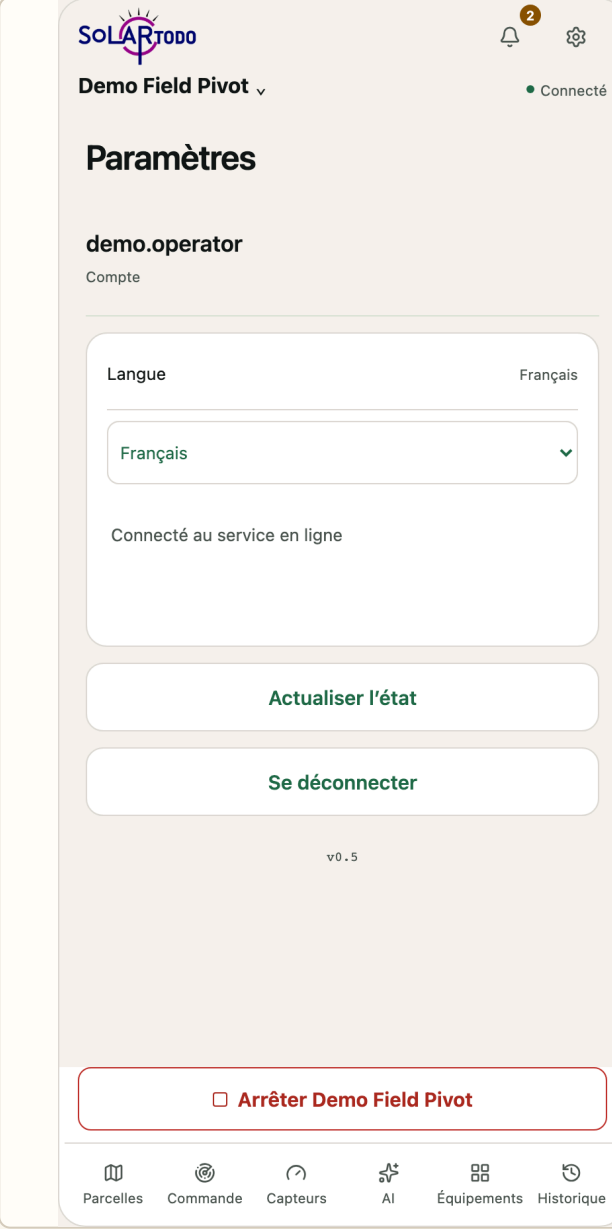
Steps 3–4 of 5



03 Open the language setting

Tap the settings icon, then locate Language.

Check The displayed language and selector belong to this app session.



04 Check the translated Settings screen

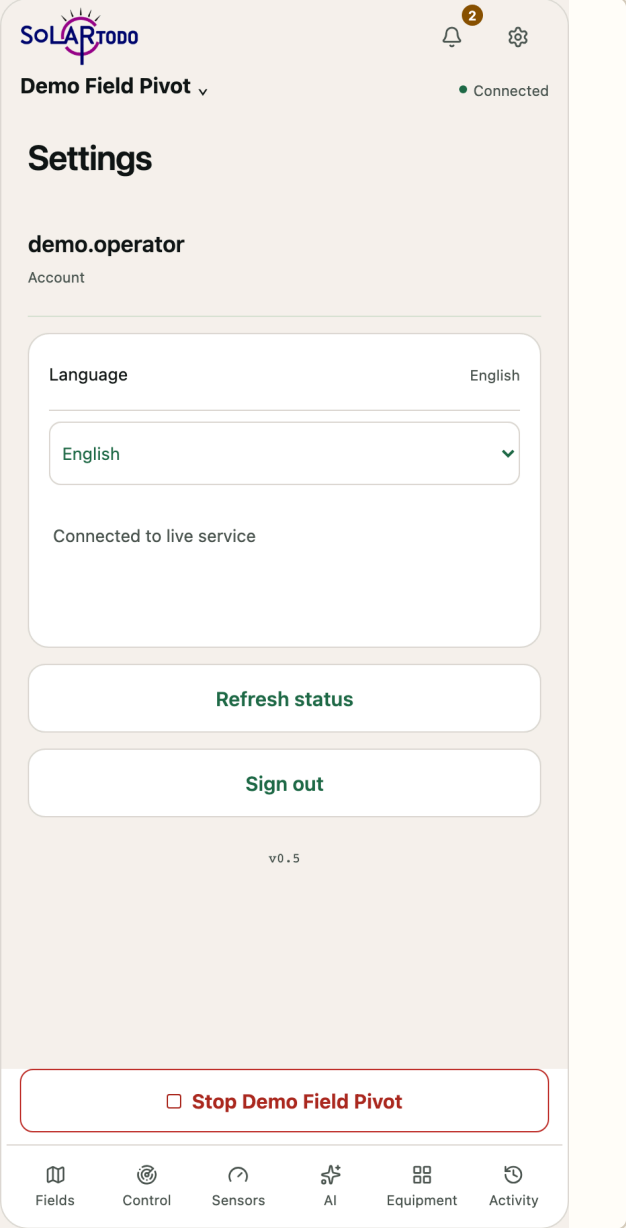
The same Settings view is redrawn in the selected language. Confirm navigation and controls match the account you are using.

Check This example briefly chooses French and then returns to English.

TASK 14 · ACTIVITY AND SETTINGS

Read Activity and change the display language

Step 5 of 5



05 Confirm the configured language

Choose your language from the live selector. Returning to English in this sample keeps field labels aligned with the manual.

Check Eight choices are installed: 中文, English, العربية, Русский, Français, Español, Português (Brasil), Türkçe.

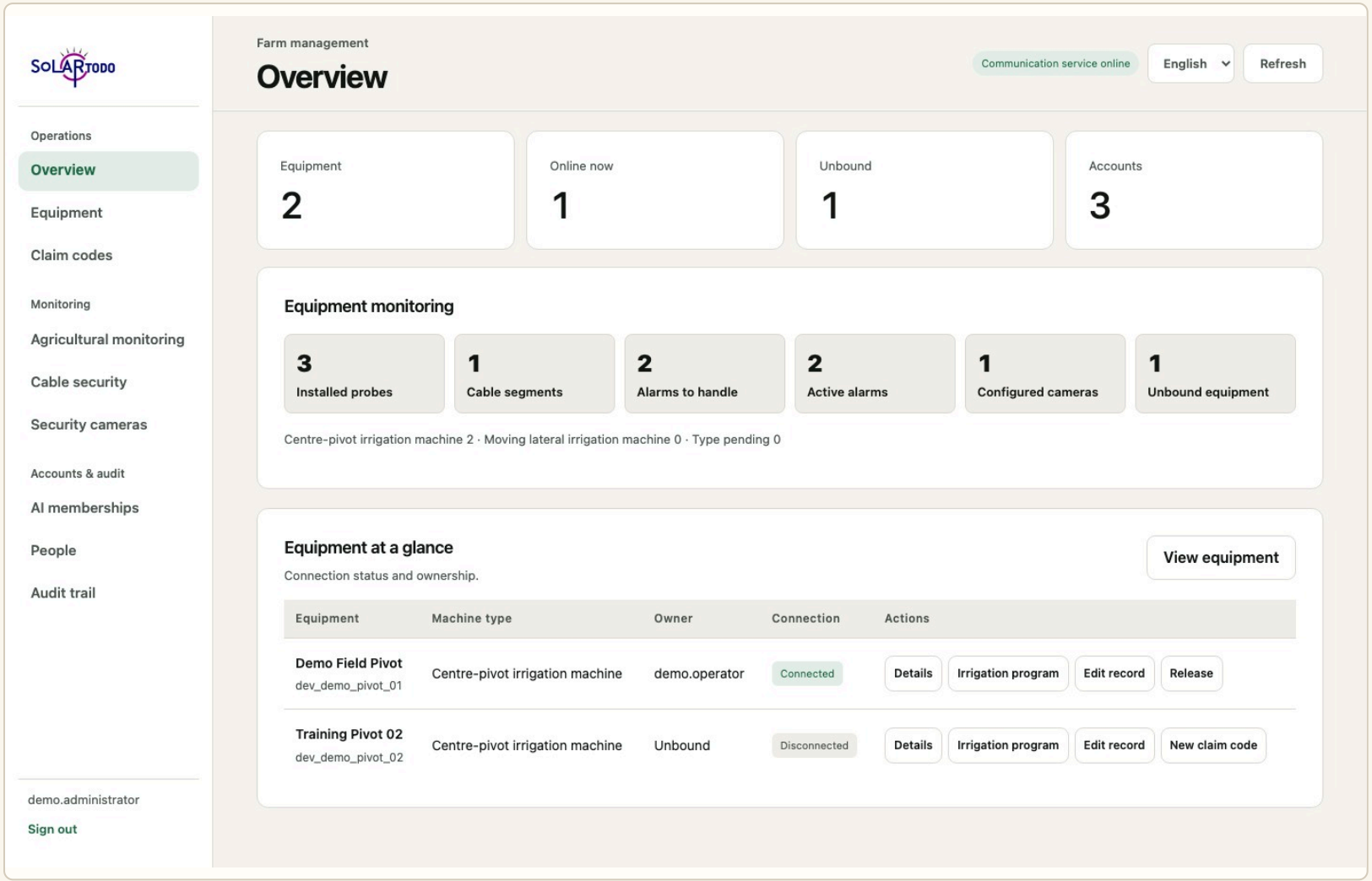
If the result differs

- If no history is listed, check your equipment assignment and query an earlier period if available.
- If the language selection does not persist, reopen Settings and verify the device storage policy.

TASK 15 · OVERVIEW

Read the overview and open the right machine

Step 1 of 5



STEP 01

Read the overview

Select Overview in the sidebar. Read Equipment, Online now, Unbound and Accounts.

Check the result

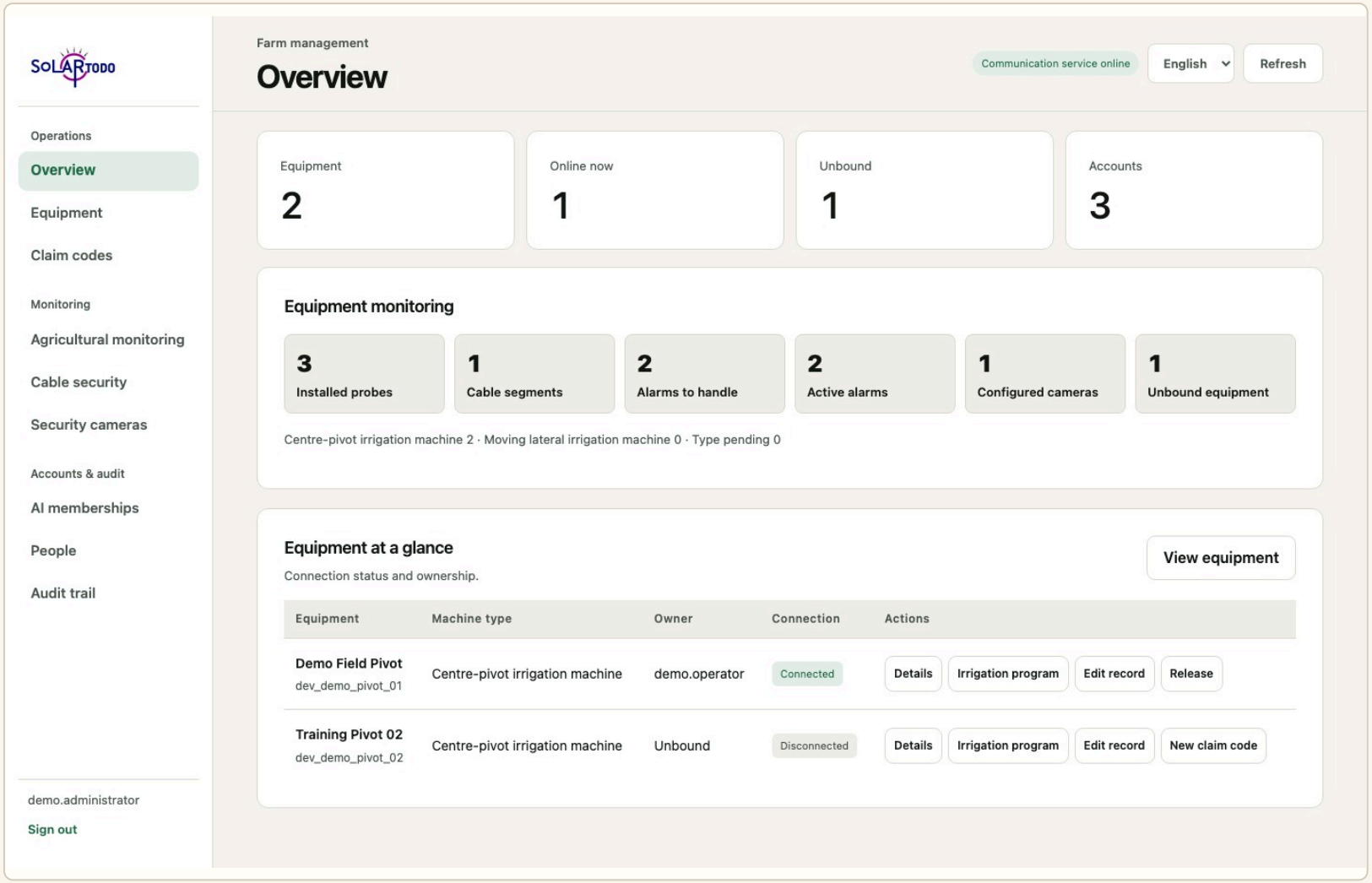
These are platform totals, not proof that any individual pivot is ready to move.

Before you begin

- Sign in as a SOLARTODO administrator.
- Know the official name or equipment reference.

TASK 15 · OVERVIEW

Read the overview and open the right machine



STEP 02

Find work requiring attention

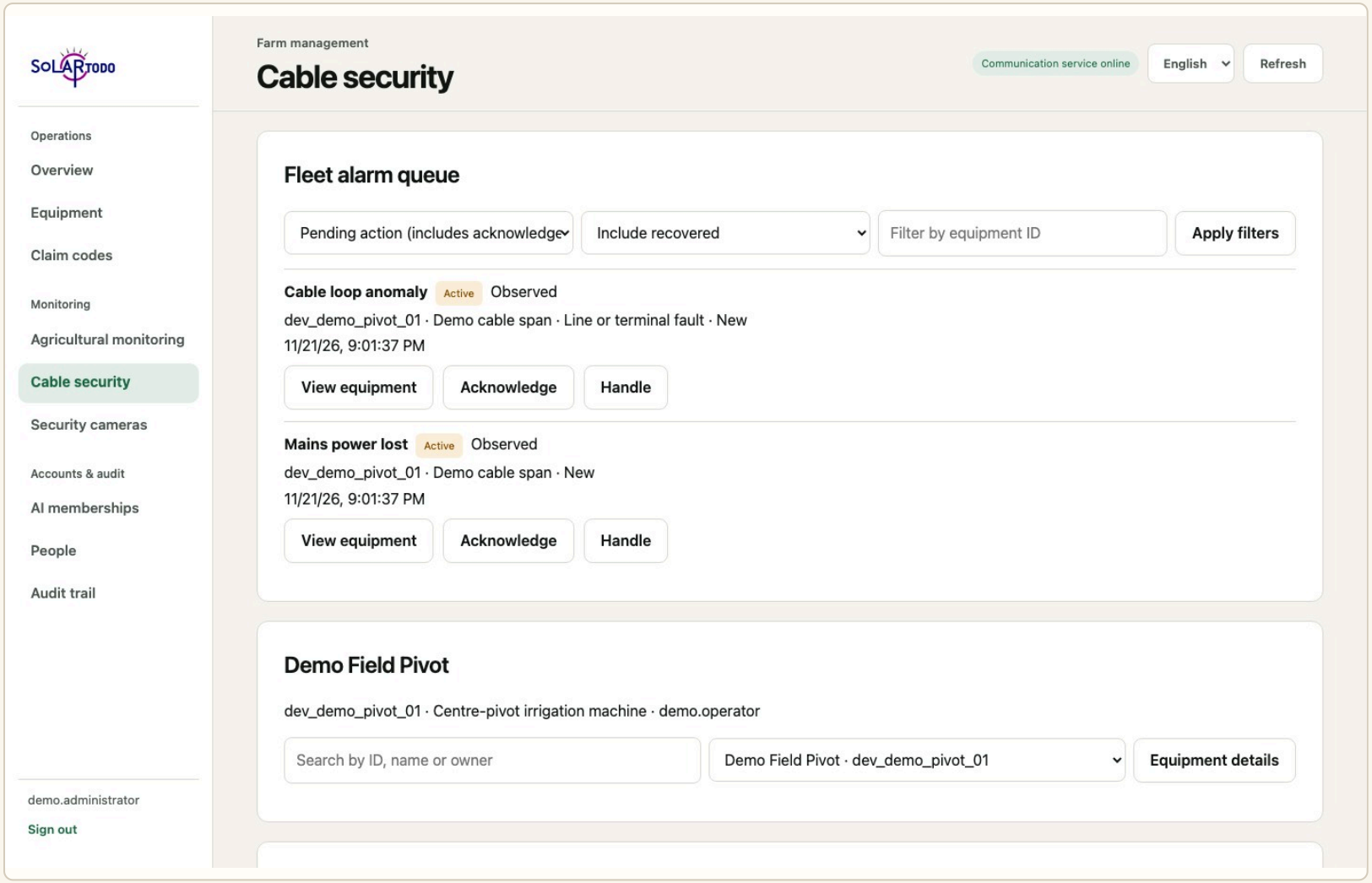
Read the Equipment monitoring cards. Select Alarms to handle to open the matching inbox.

Check the result

The list is filtered for follow-up; a physical fault can remain Active after acknowledgment.

TASK 15 · OVERVIEW

Read the overview and open the right machine



STEP 03

Open the alarm inbox

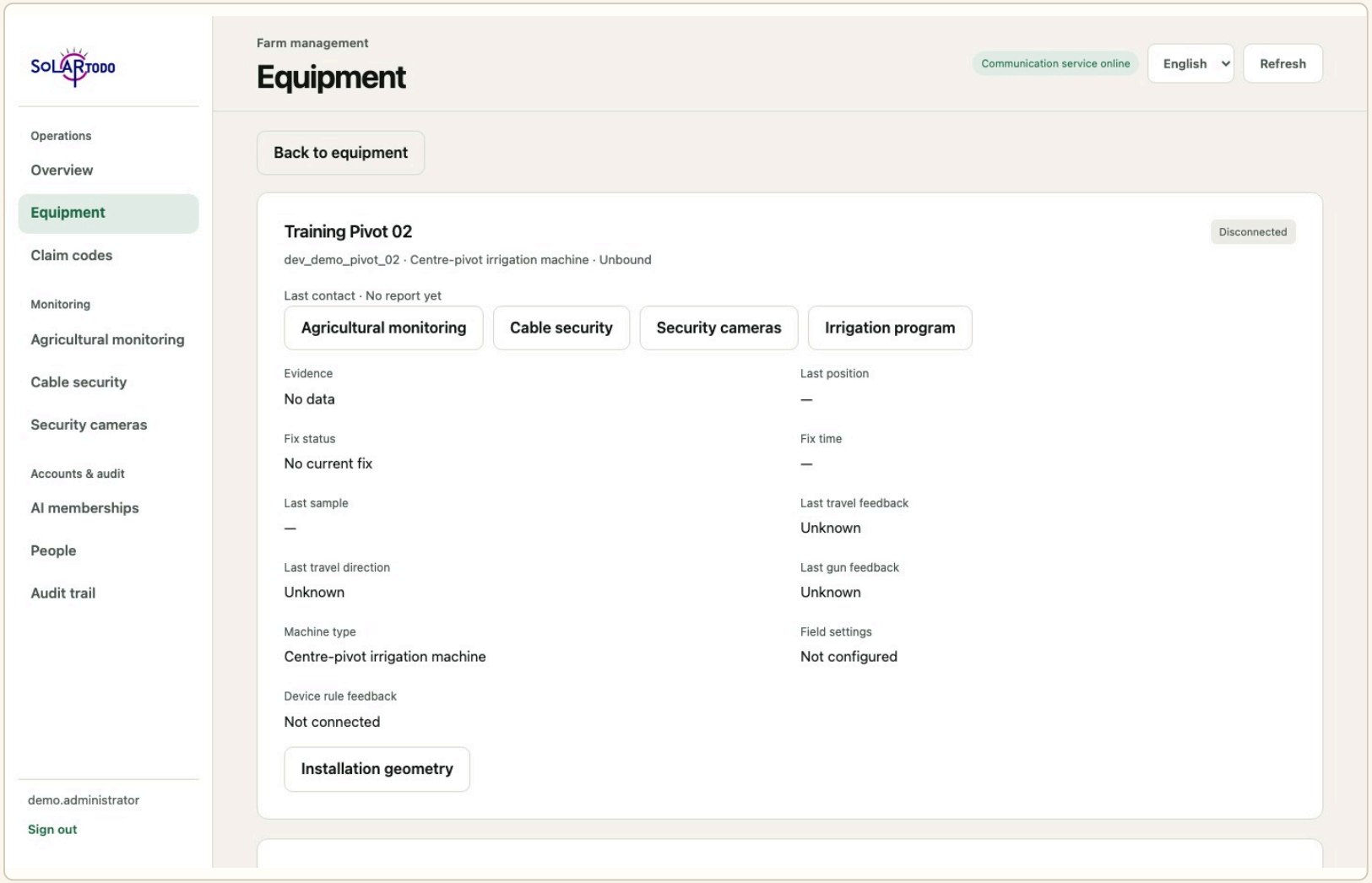
Check the filters, machine reference, time and condition before selecting a record.

Check the result

The demo alarm is generated by the local training fixture.

TASK 15 · OVERVIEW

Read the overview and open the right machine



STEP 04

Inspect an offline machine

Return to Overview and open Details for an equipment row. In this example, select Training Pivot 02.

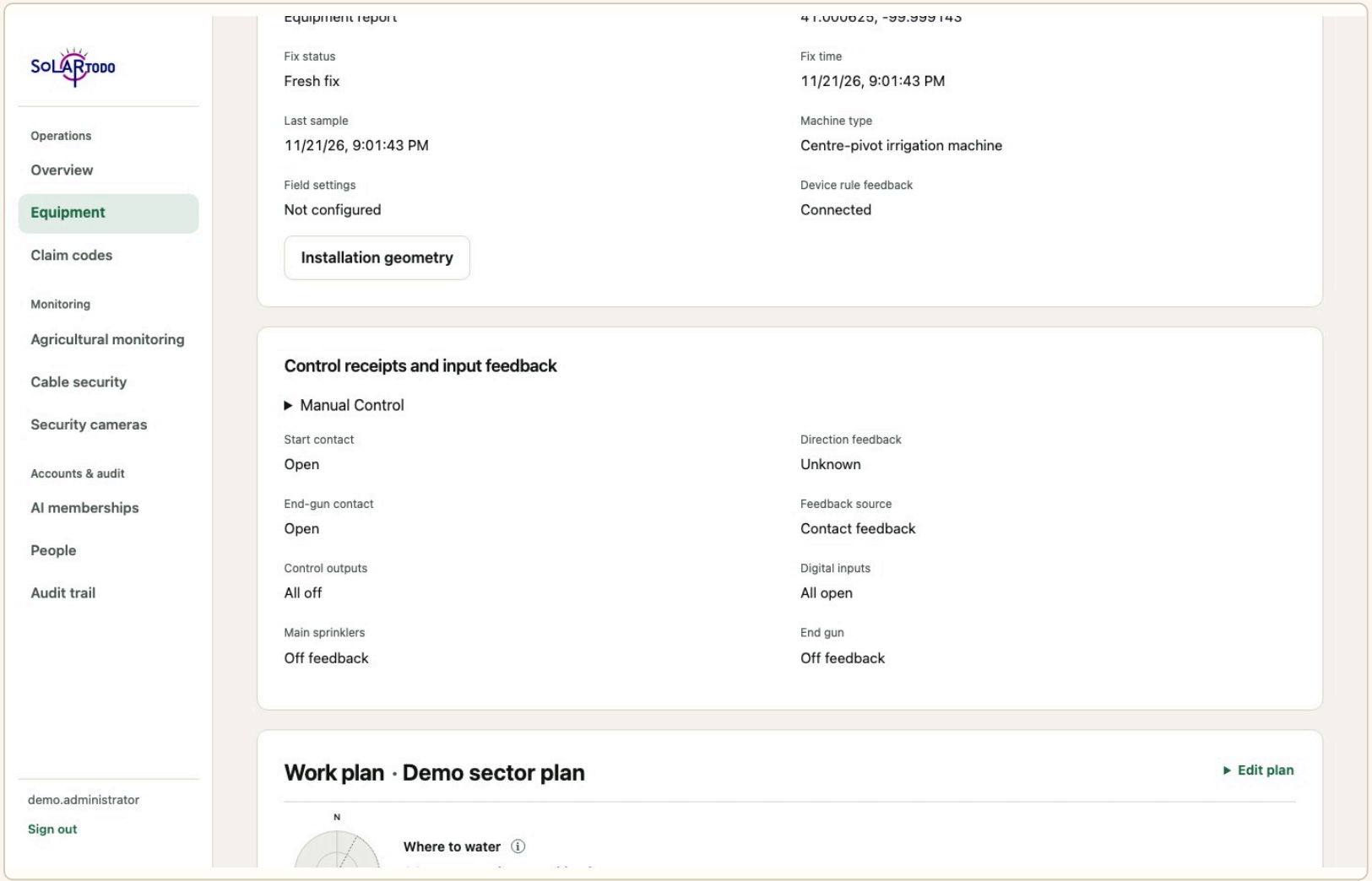
Check the result

Check ownership, connection and Last contact. This training record has no live controller.

TASK 15 · OVERVIEW

Read the overview and open the right machine

Step 5 of 5



STEP 05

Compare receiver freshness

In the connected demo machine, scroll to Dual GPS positioning. Read the positions and their timestamps.

Check the result

Treat a stale fix as a last known position. The screen uses synthetic position readings.

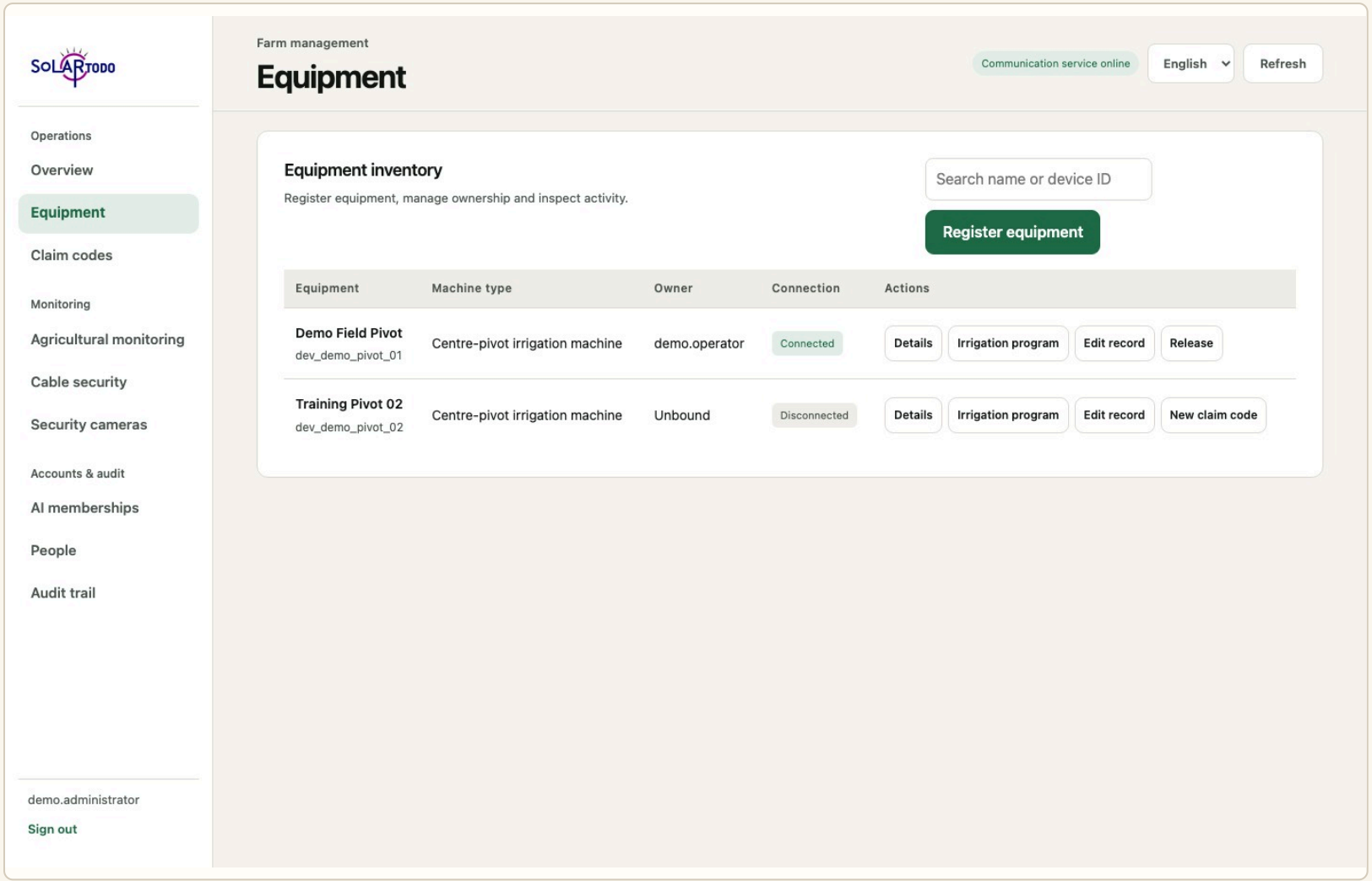
If the result differs

- If a monitoring count is unavailable, reopen Overview or use the related module.
- For an offline or stale machine, compare Last contact and the receiver timestamps with a local observation.

TASK 16 · EQUIPMENT

Register equipment and inspect installation data

Step 1 of 6



STEP 01

Open the inventory

Select Equipment and locate the Register equipment button. You can search by equipment name or ID.

Check the result

Check that the machine does not already exist.

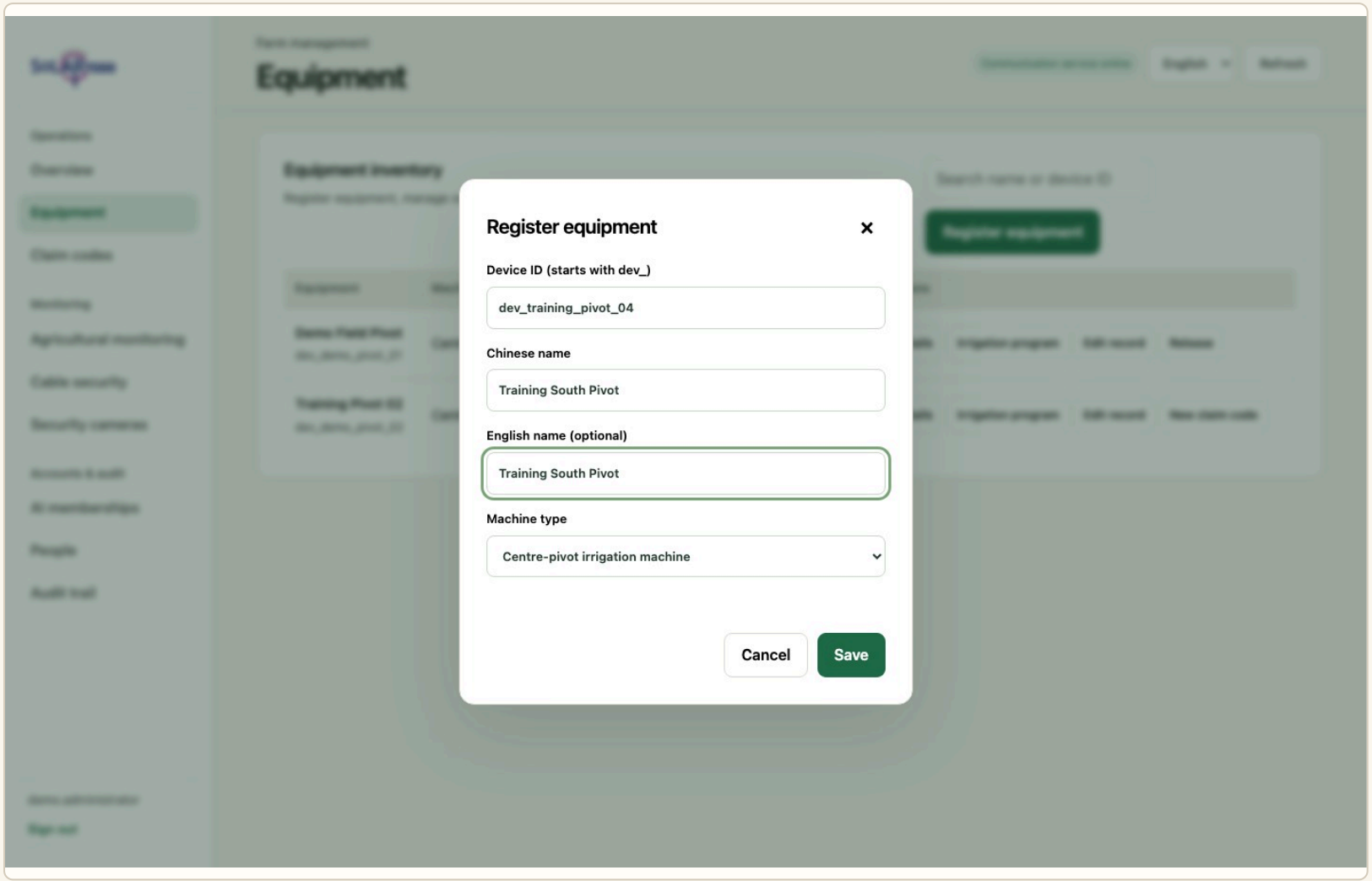
Before you begin

- Use approved equipment ID, actual machine type and a site survey if editing geometry.
- Registration does not connect or commission a controller.

TASK 16 · EQUIPMENT

Register equipment and inspect installation data

Step 2 of 6



STEP 02

Enter and review the new record

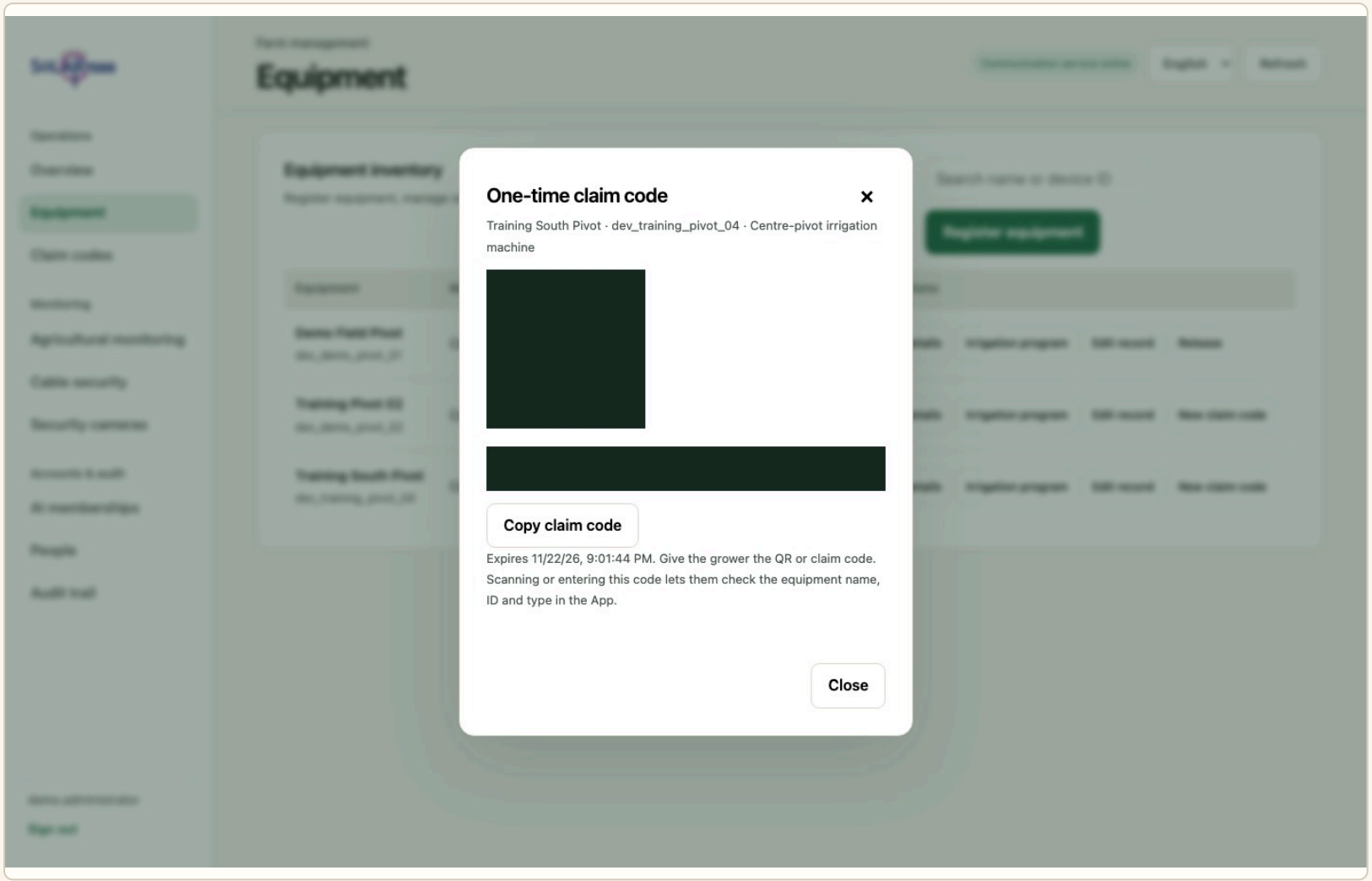
Fill Device ID and equipment name. Choose Center pivot. Add the English display name as needed.

Check the result

Match the ID to the equipment label and confirm machine type before saving.

TASK 16 · EQUIPMENT

Register equipment and inspect installation data



STEP 03

Confirm registration

Save. The console issues a one-time claim code and expiry for valid handoff to the owner.

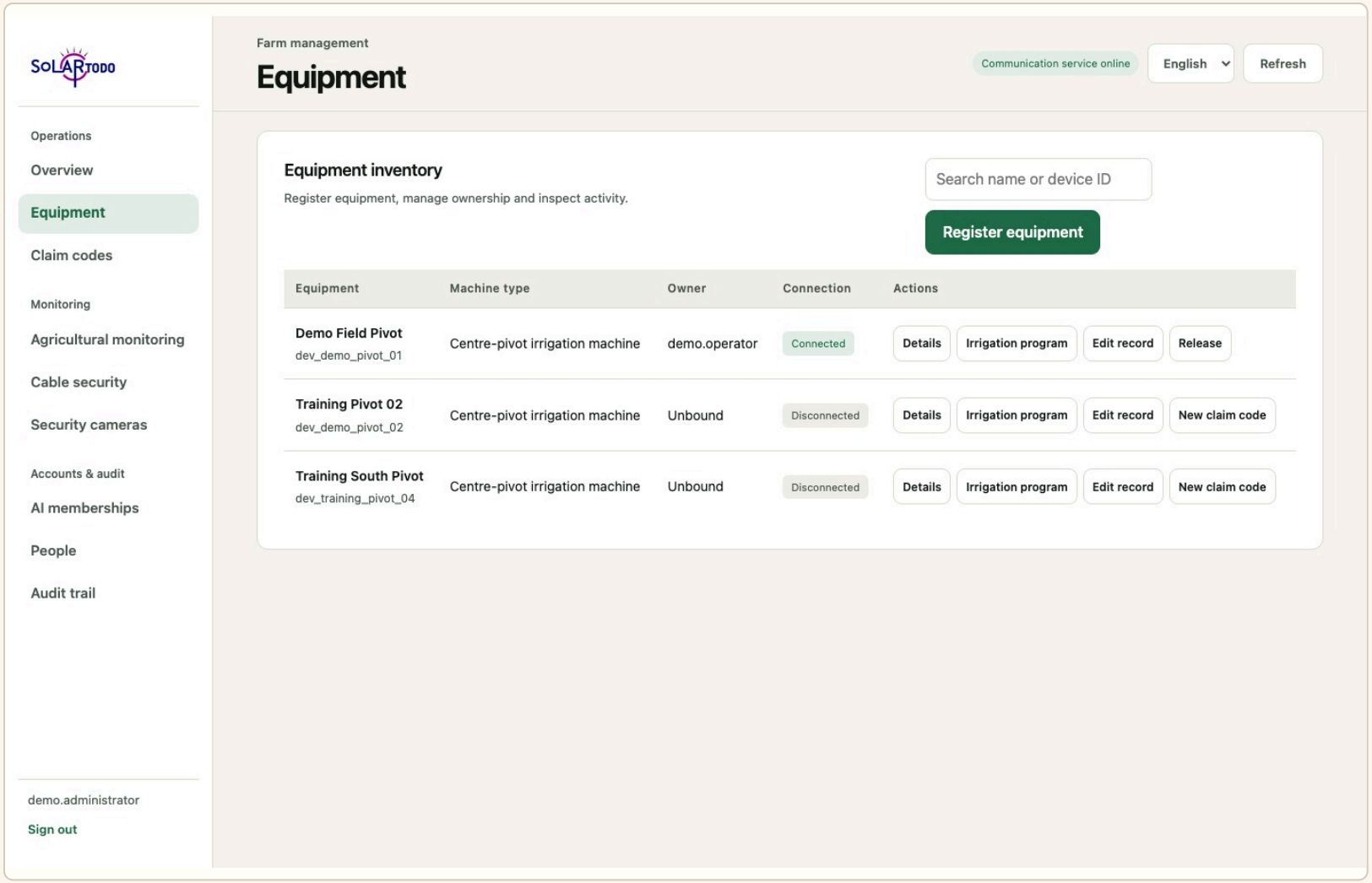
Check the result

The training code and QR are concealed in this screenshot.

TASK 16 · EQUIPMENT

Register equipment and inspect installation data

Step 4 of 6



STEP 04

Confirm the inventory row

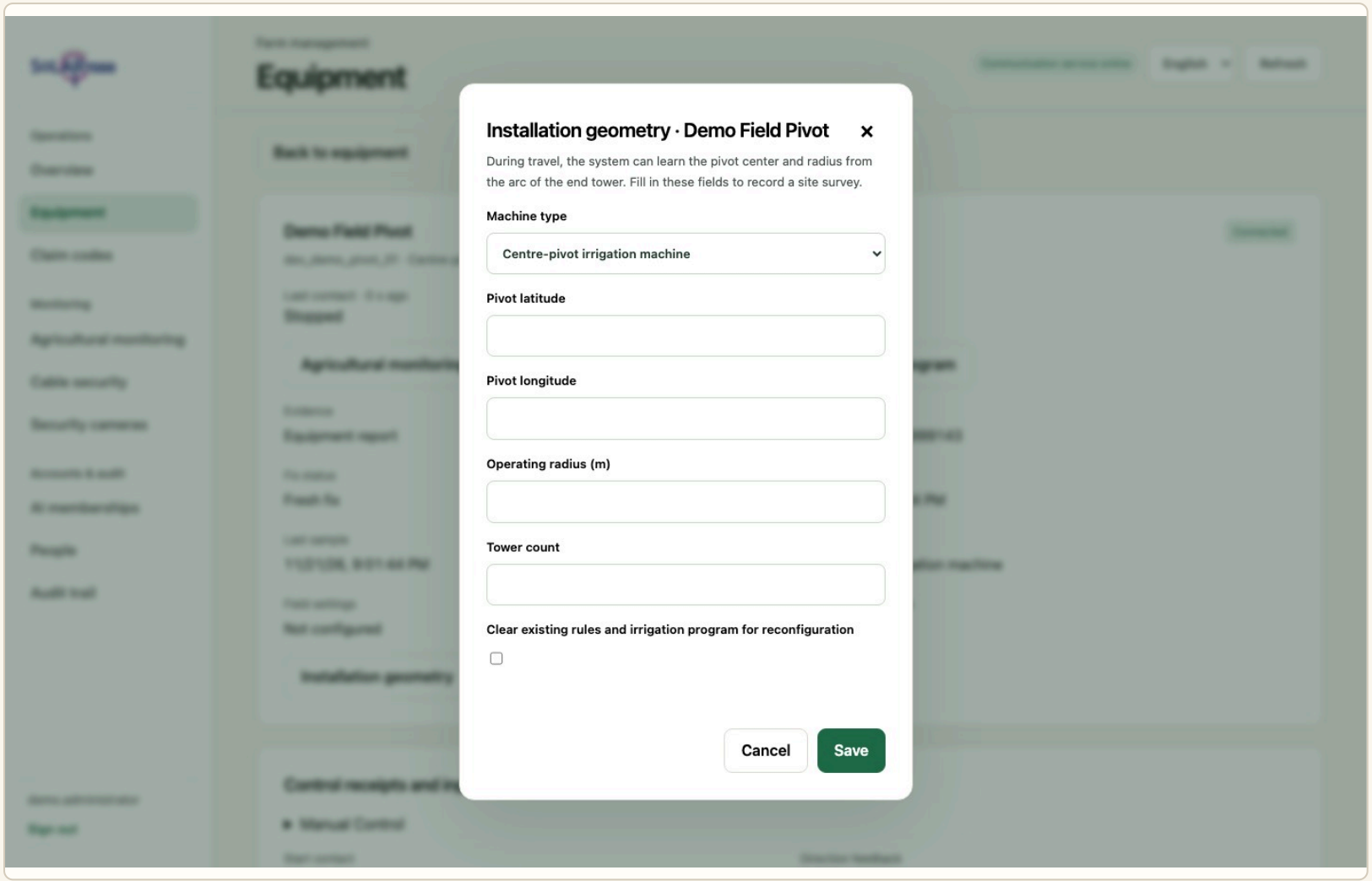
Search the newly registered name in Equipment. It remains unbound until the owner claims it.

Check the result

The new row contains the expected name and type, with no owner yet.

TASK 16 · EQUIPMENT

Register equipment and inspect installation data



STEP 05

Review the installation record

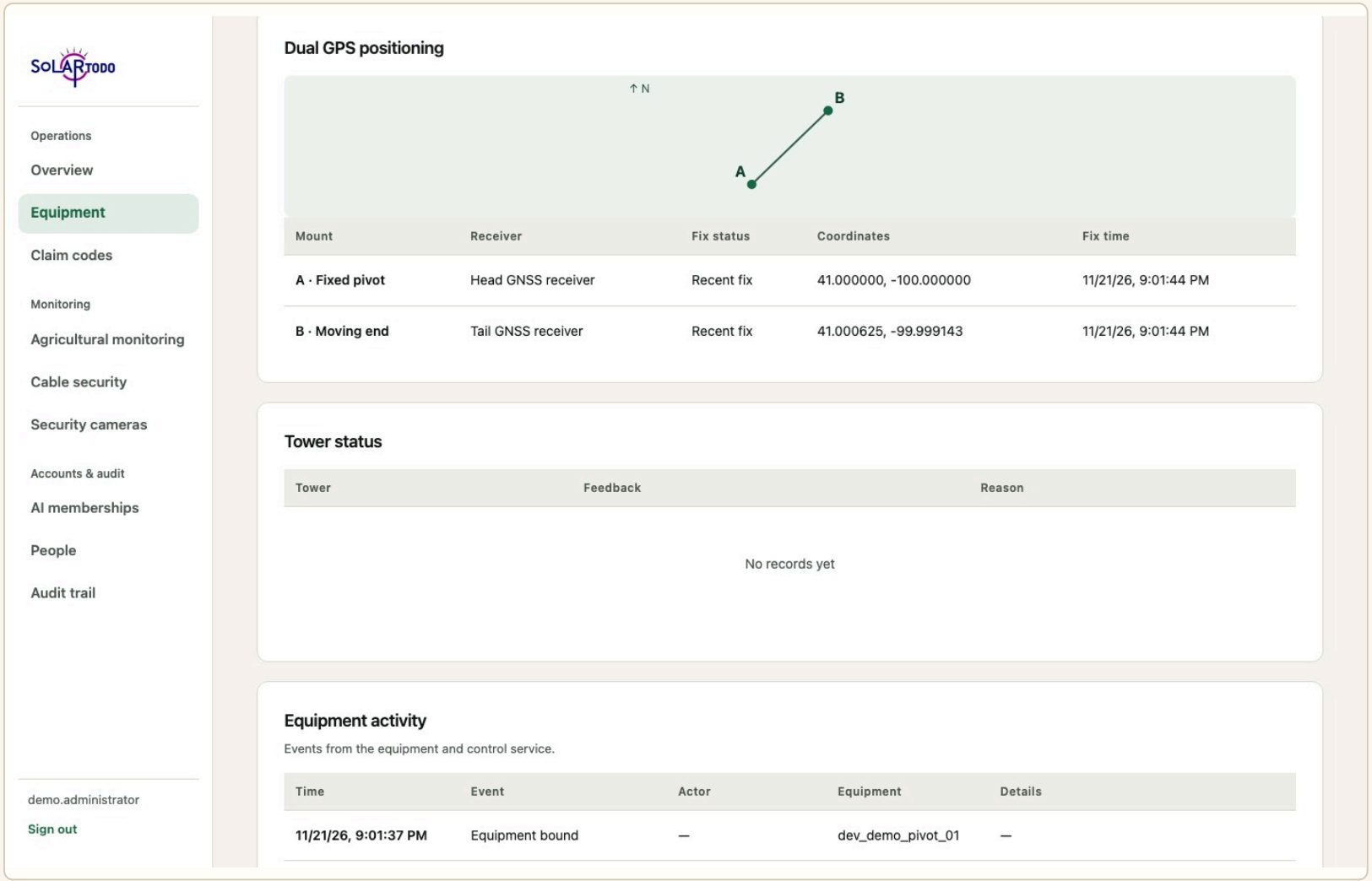
In Details, select Installation geometry. Compare the fields with the approved survey; enter surveyed values only.

Check the result

Use the recorded machine type and survey information. The example is a review, not a field survey.

TASK 16 · EQUIPMENT

Register equipment and inspect installation data



STEP 06

Review receivers and reported towers

Scroll to Dual GPS positioning and then Tower status. Check receiver roles and the latest readings.

Check the result

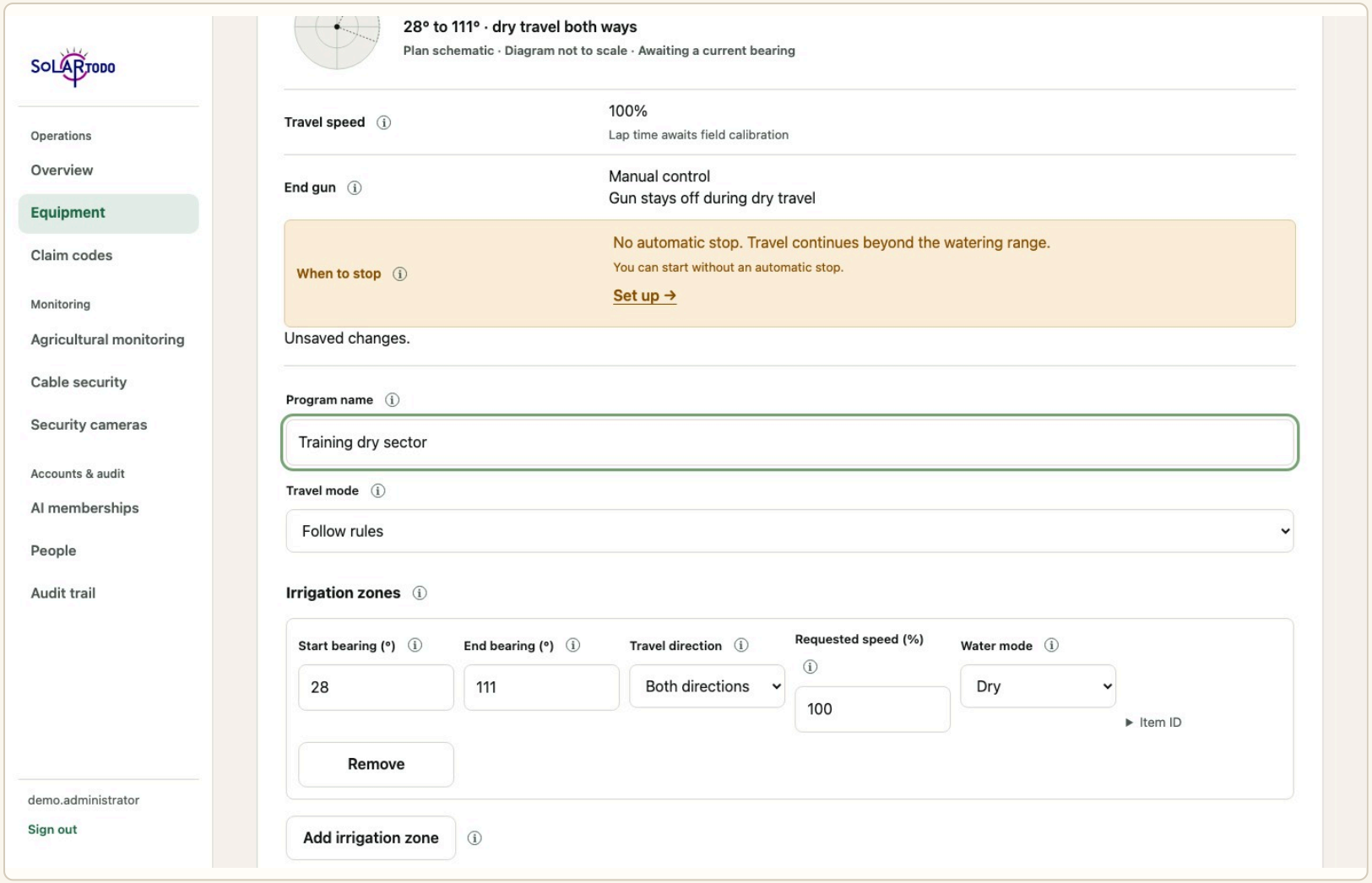
Tower data only describe connected signals. No data is not proof of a healthy tower.

If the result differs

- If the ID already exists, find the equipment in inventory and check ownership before editing.
- If the installation record changed, reopen it and compare the current values.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 01

Open the plan editor

Select Irrigation program in Details and expand Edit plan. Name the plan and review the listed sector.

Check the result

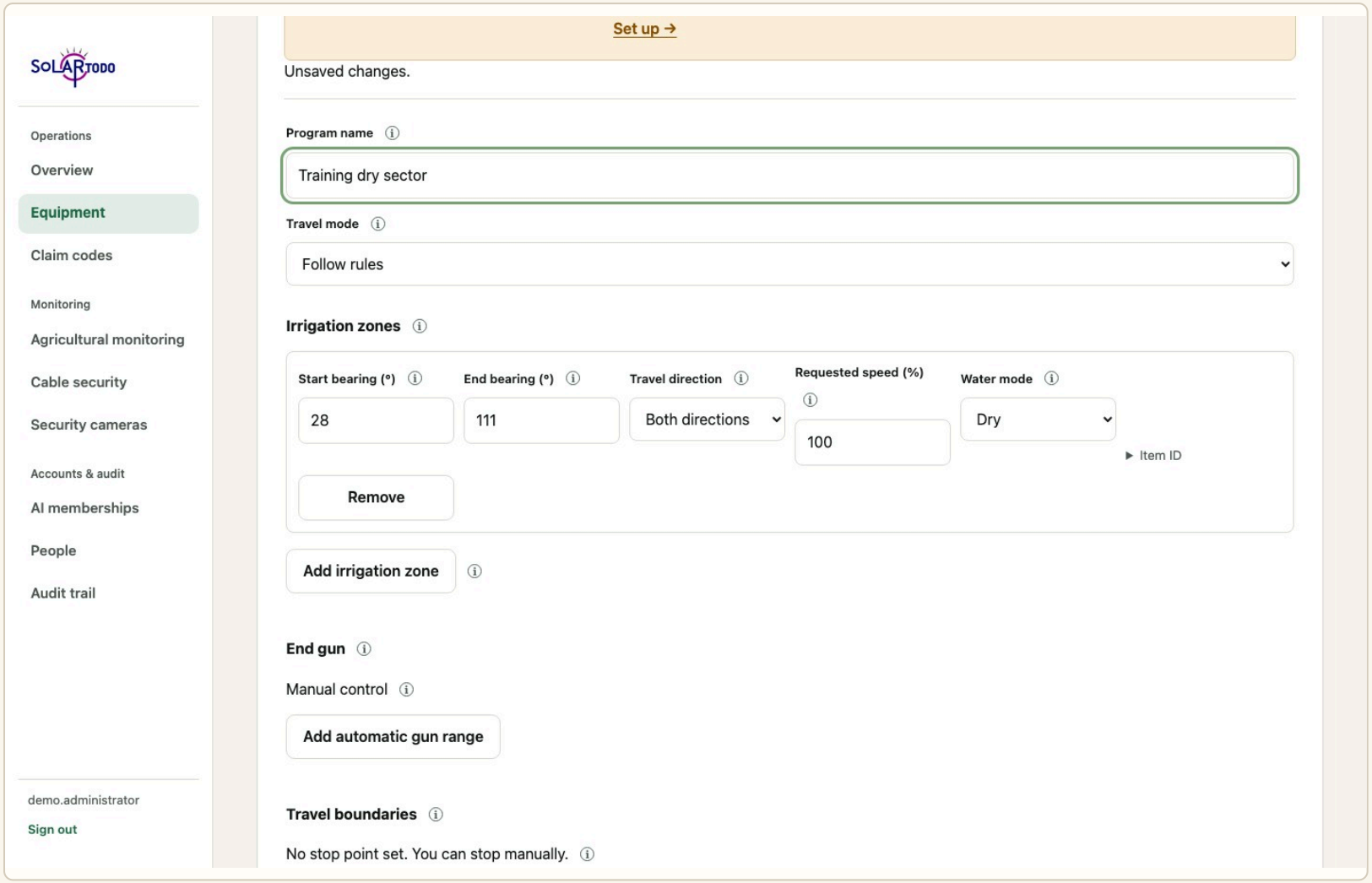
In this example the saved geometry is used and the sector is dry.

Before you begin

- Choose the connected, authorized training machine.
- Verify the field limits, water mode, travel direction and physical readiness before operating an installed machine.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 02

Inspect the sector settings

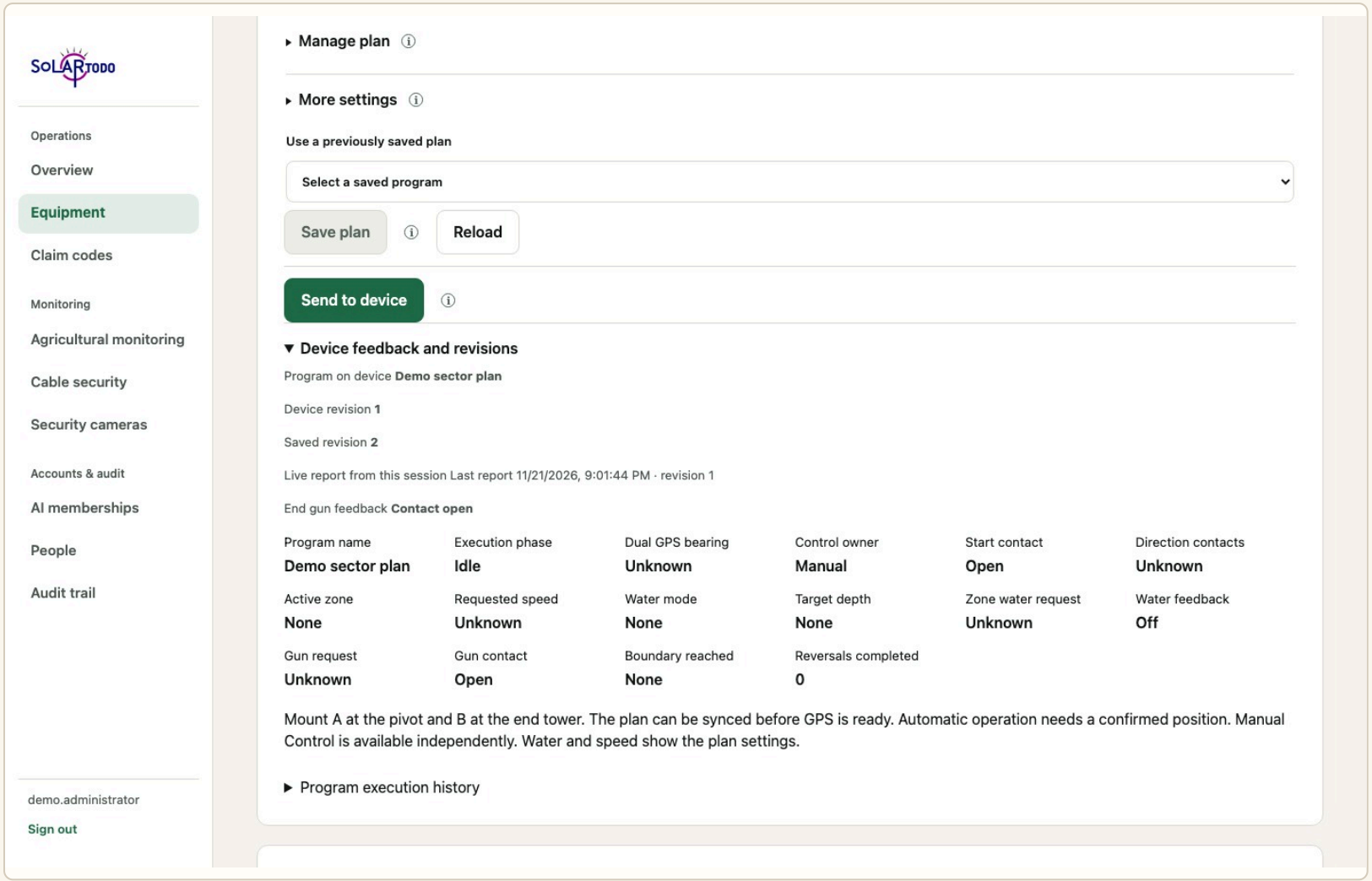
Review the sector endpoints, intended direction, speed and water mode in the plan editor.

Check the result

A saved boundary or dry zone is a configured rule, not a measured stop or water state.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 03

Save the program

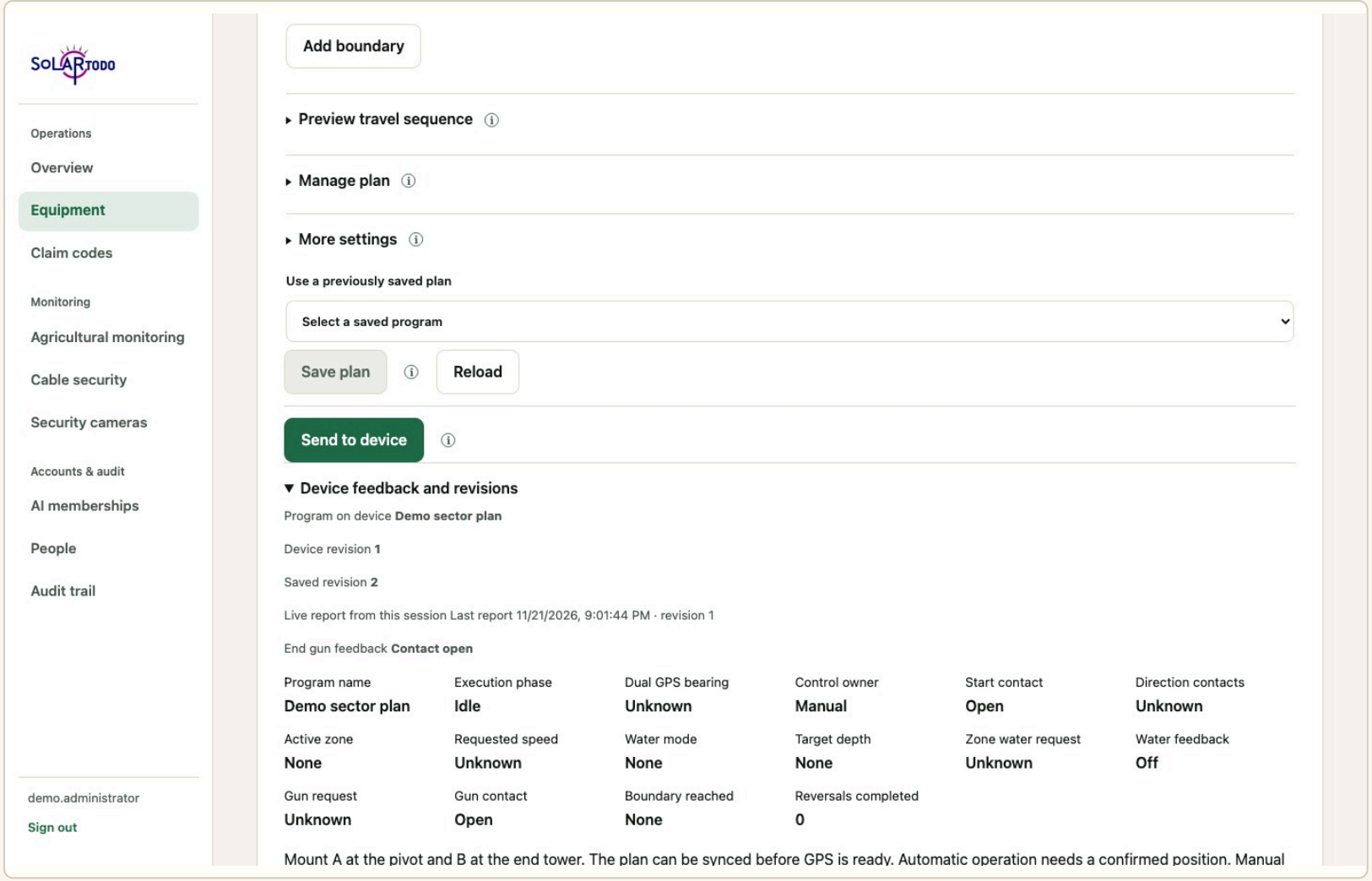
Click Save plan. Expand Device feedback and revisions to compare the stored revision with the reported revision.

Check the result

The saved name changes to Training dry sector. The machine can still report a different or unknown revision.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 04

Review the sending control

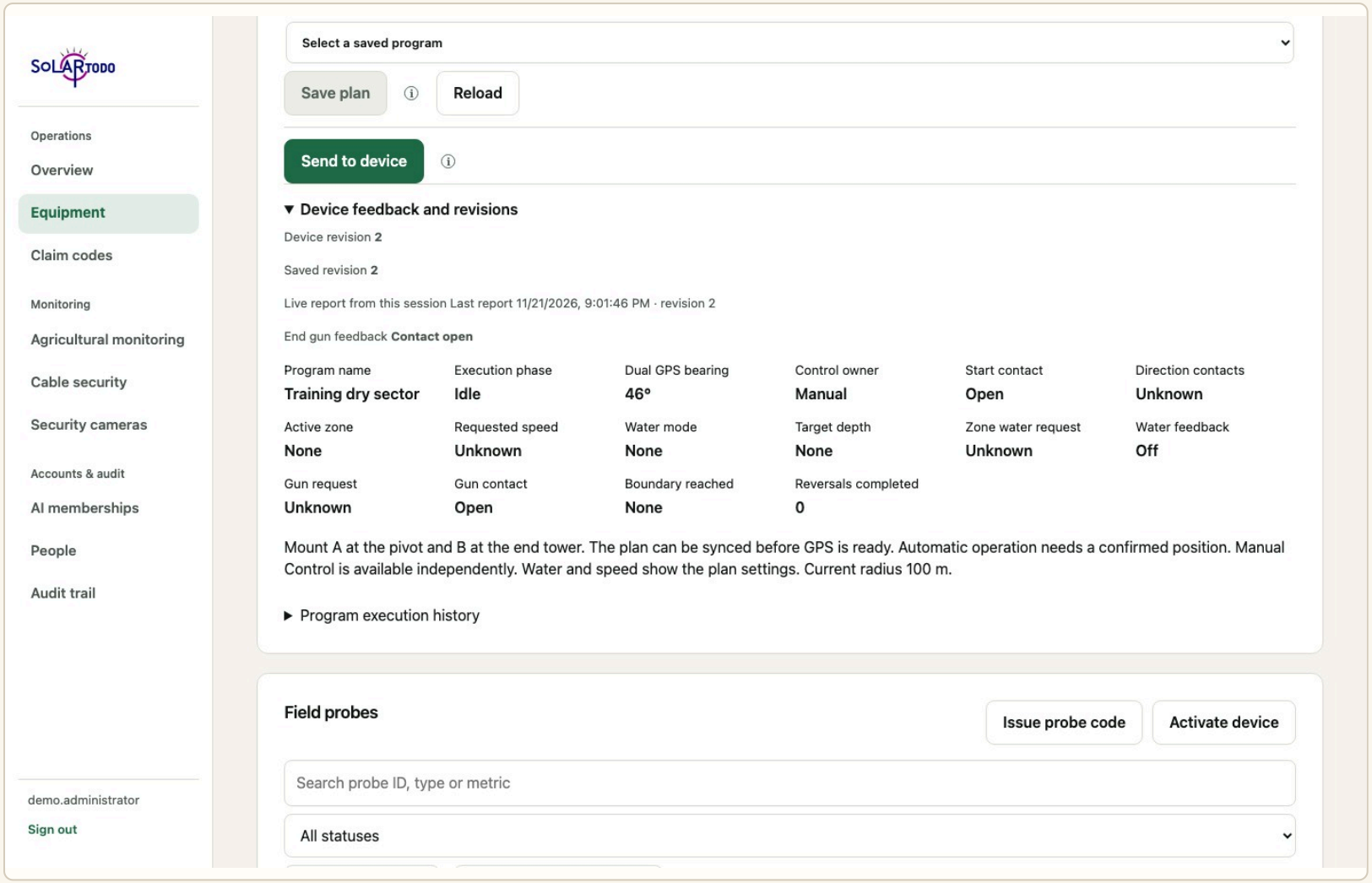
Check the selected machine, then use Send to device when it is available. The label can name a simulator or bench in other configurations.

Check the result

The current configuration has a separate send action. The button availability can depend on session freshness and support.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 05

Read the returned revision

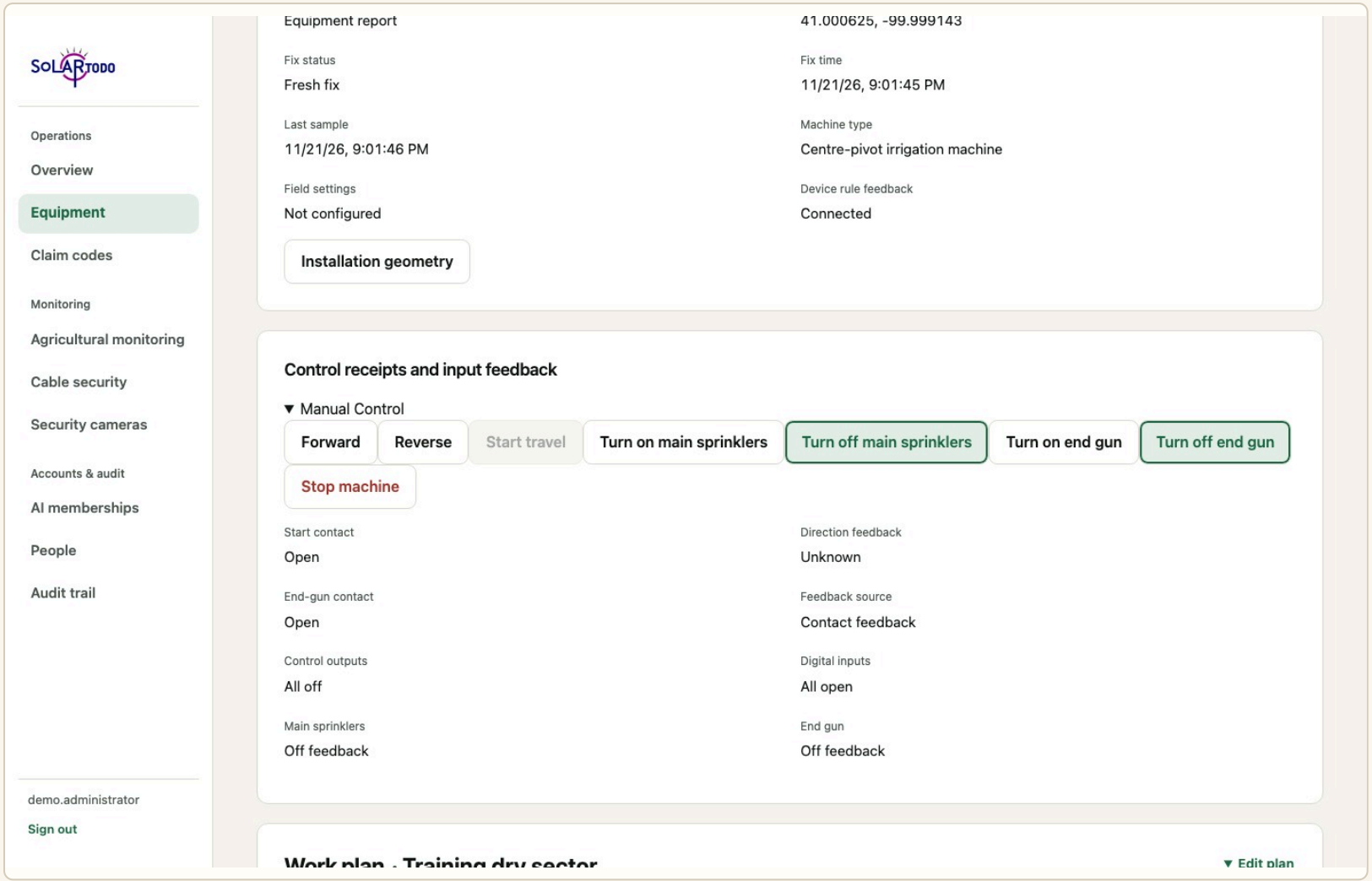
Open the live feedback block again after sending and compare the saved and device revisions.

Check the result

Proceed only after a fresh report confirms the intended revision. The training controller uses simulated inputs.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 06

Review manual controls

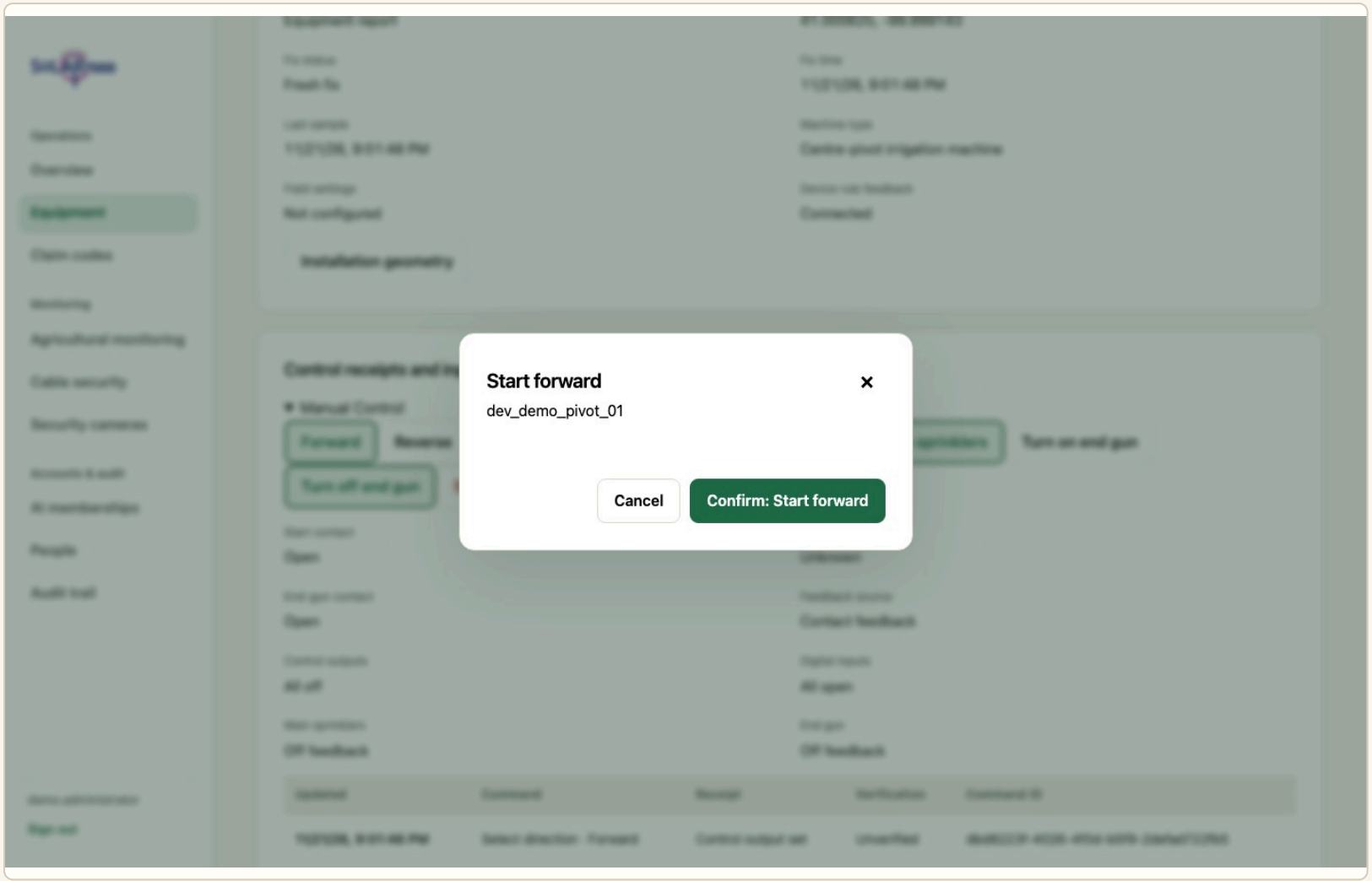
On the same authorized machine, expand Manual Control. Select a direction before using the start request. Stop is a separate action.

Check the result

Verify site readiness and wait for independent feedback before assuming that a movement command has taken effect.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 07

Confirm a local demonstration start

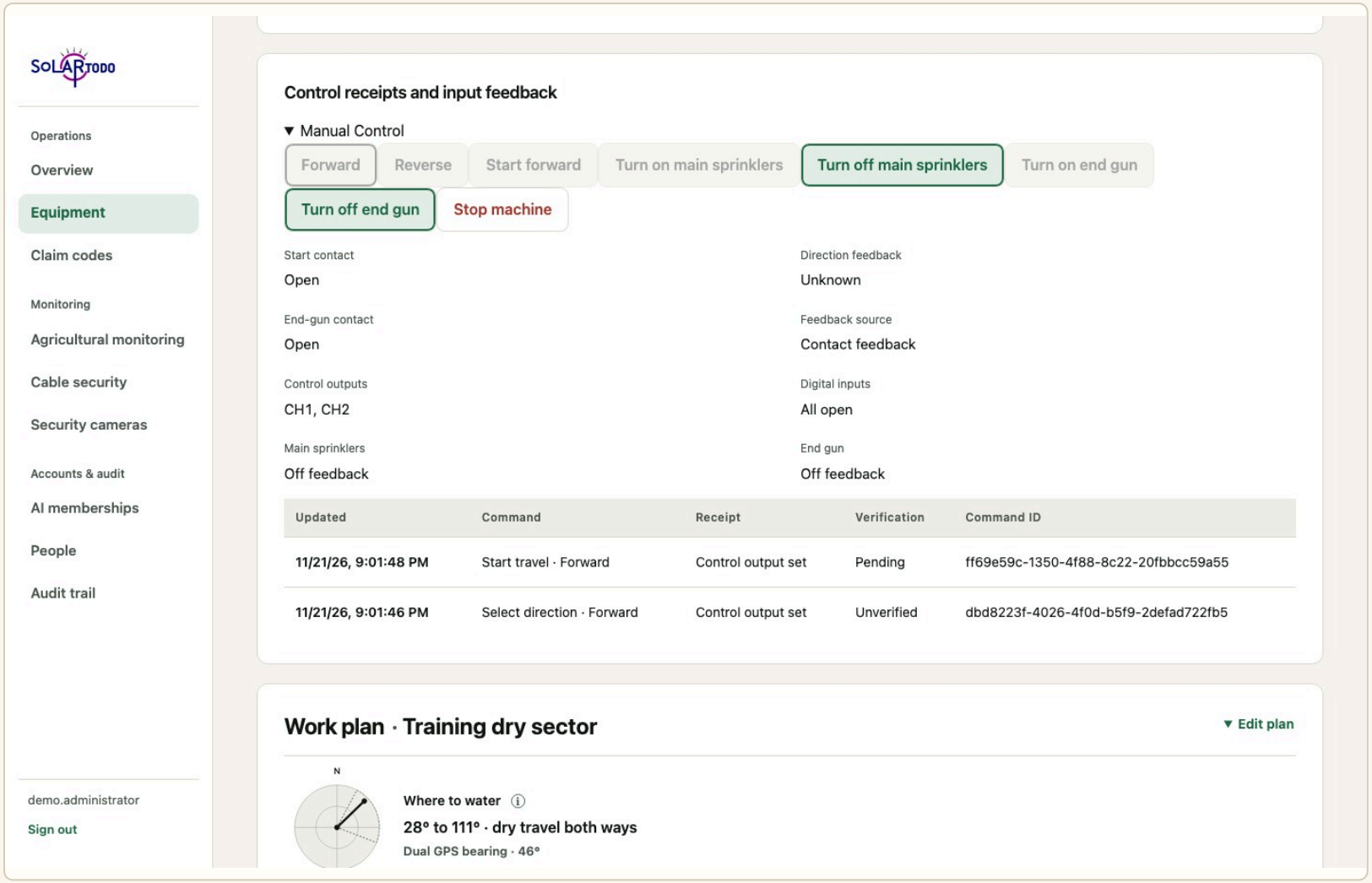
Check the machine and chosen direction in the confirmation. Submit only after preconditions are met.

Check the result

The local simulator is isolated from physical machines.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 08

Wait for the run and direction feedback

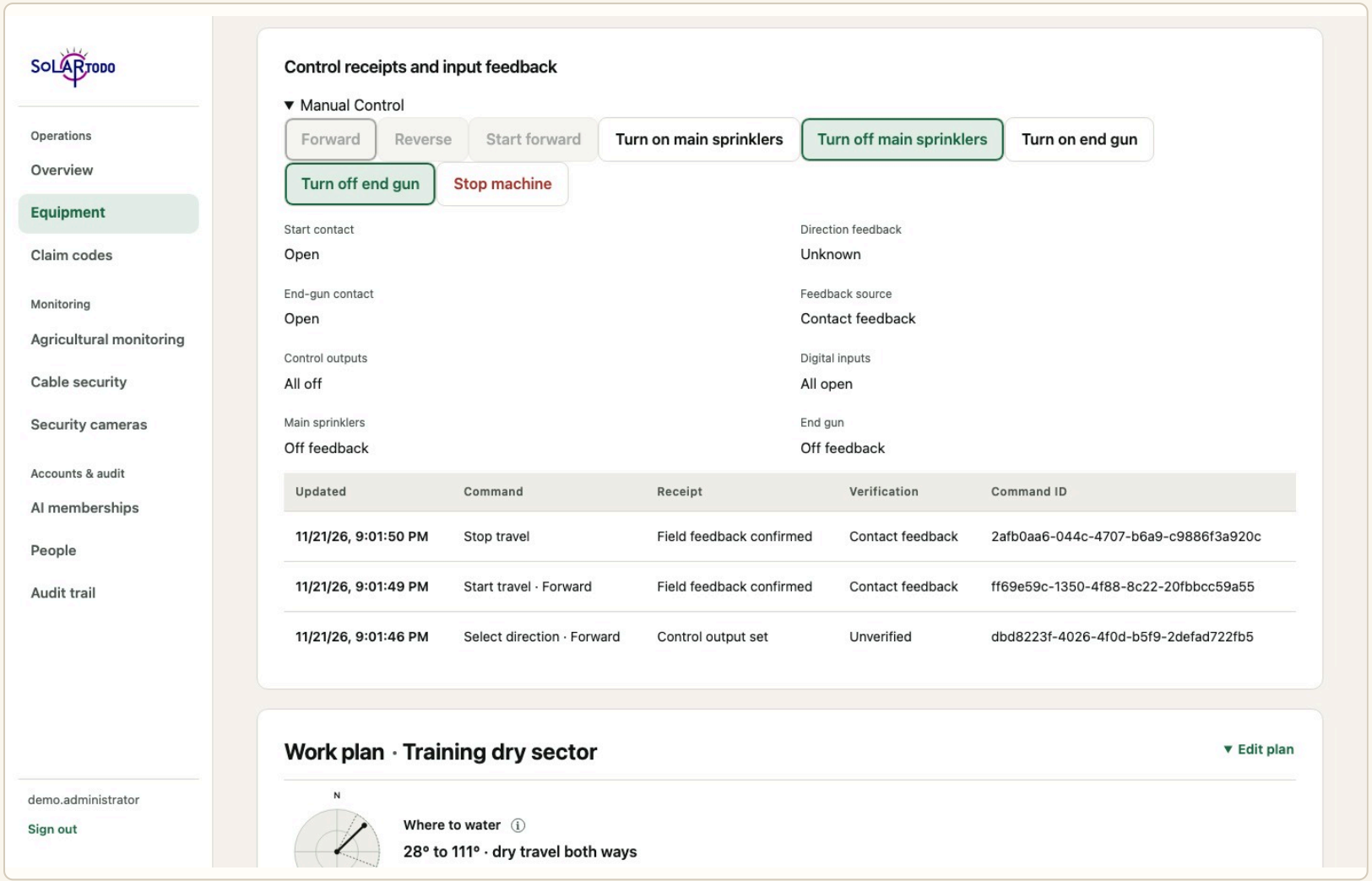
Read the independent input feedback after command submission. In the example the simulator confirms the forward input.

Check the result

A closed run contact plus the expected direction is separate from receipt of the command.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 09

Stop and verify the inputs open

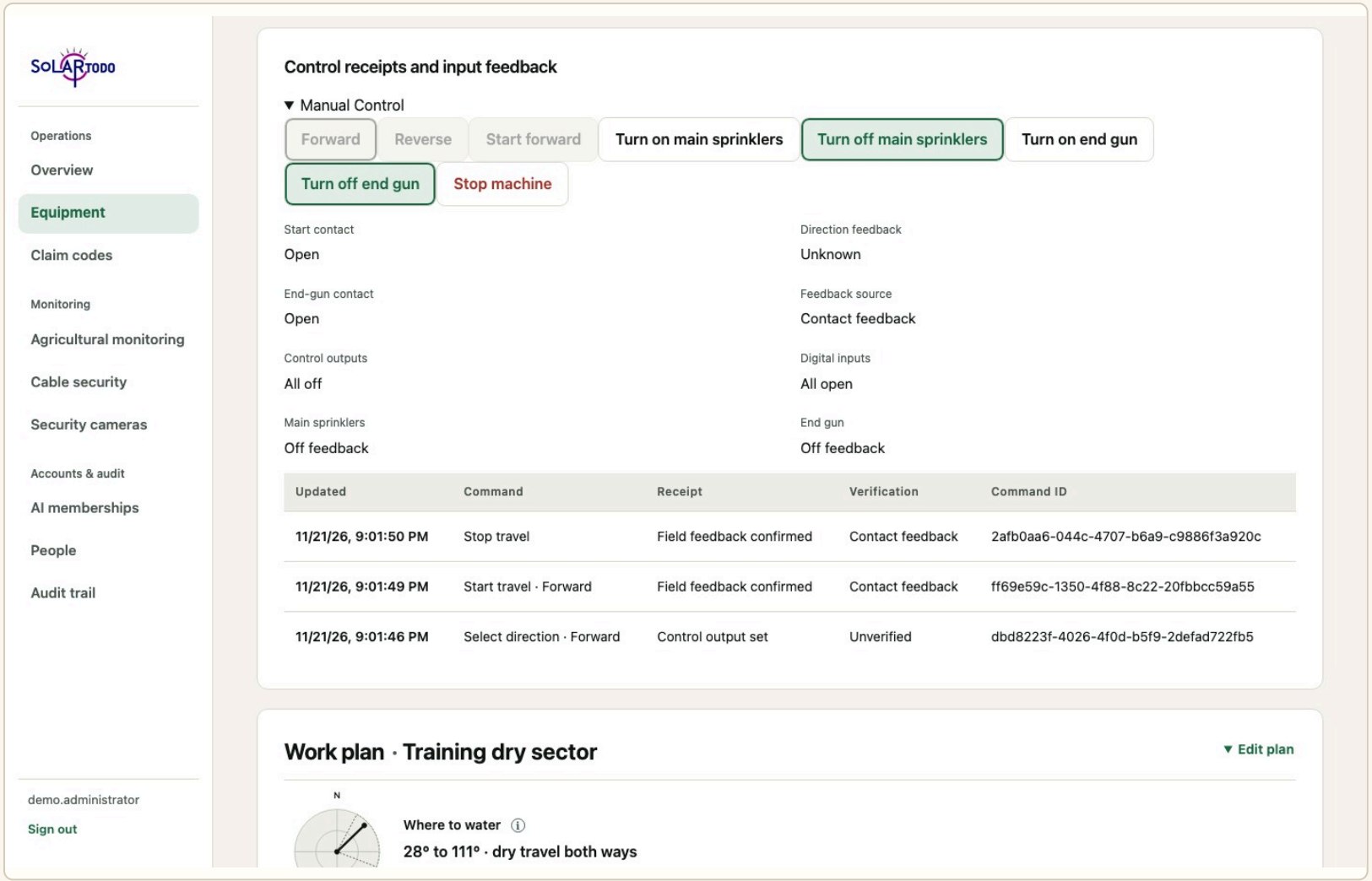
Use Stop machine and wait for returned inputs.

Check the result

The demonstrator’s run and direction inputs are open. An onsite team independently verifies physical standstill.

TASK 17 · EQUIPMENT

Edit, send and verify an irrigation program



STEP 10

Read device-level feedback

Read the connection and feedback above the plan. Use the equipment activity below Details to check control events.

Check the result

A command entry and independent feedback carry different information.

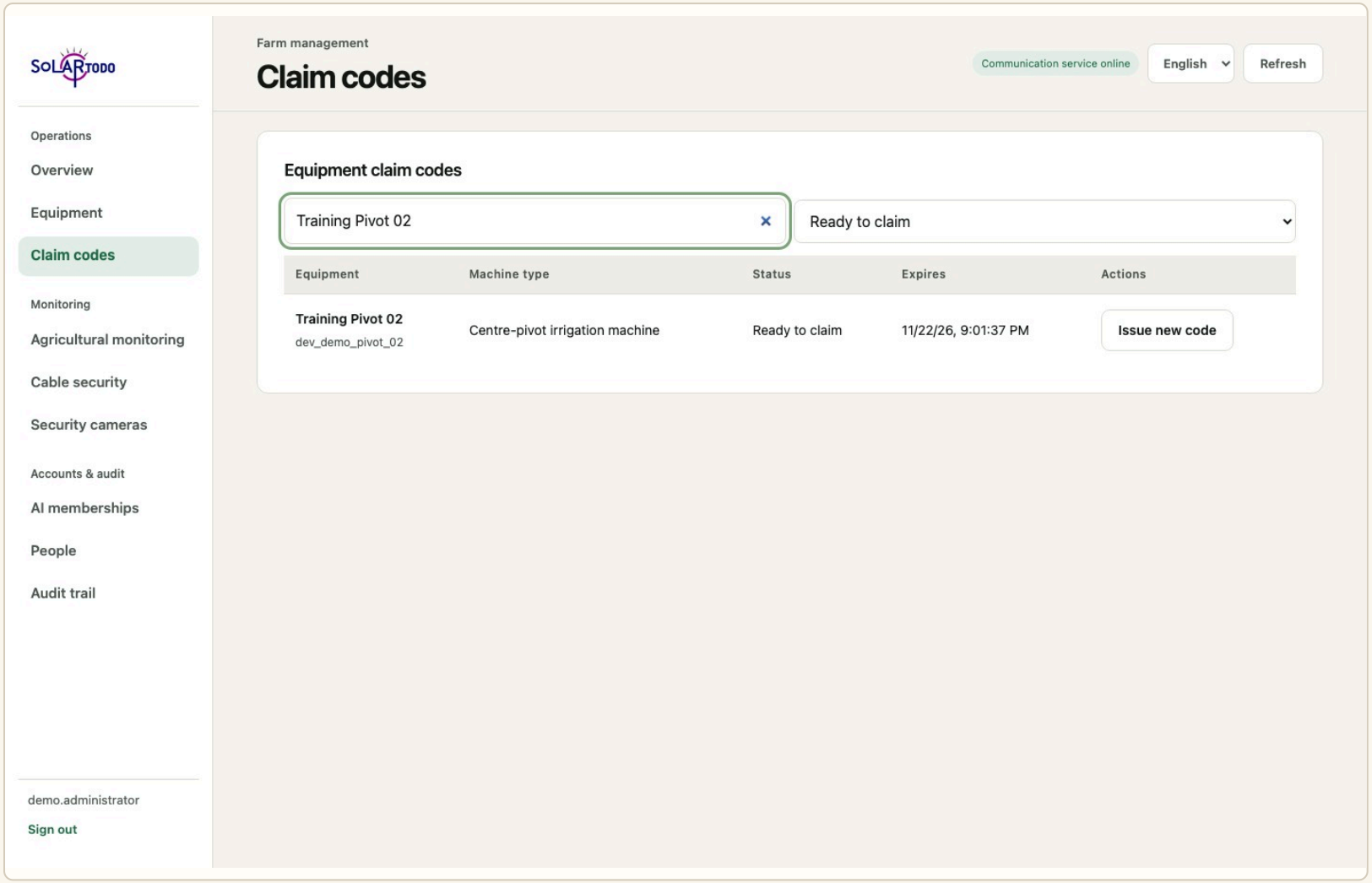
If the result differs

- If the report is stale, reconnect and compare the revisions again.
- If the revisions differ, investigate before starting the new plan. Saving and sending are separate steps.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership

Step 1 of 10



STEP 01

Filter the claim desk

Select Claim codes, enter the machine name and choose Ready to claim from Claim status.

Check the result

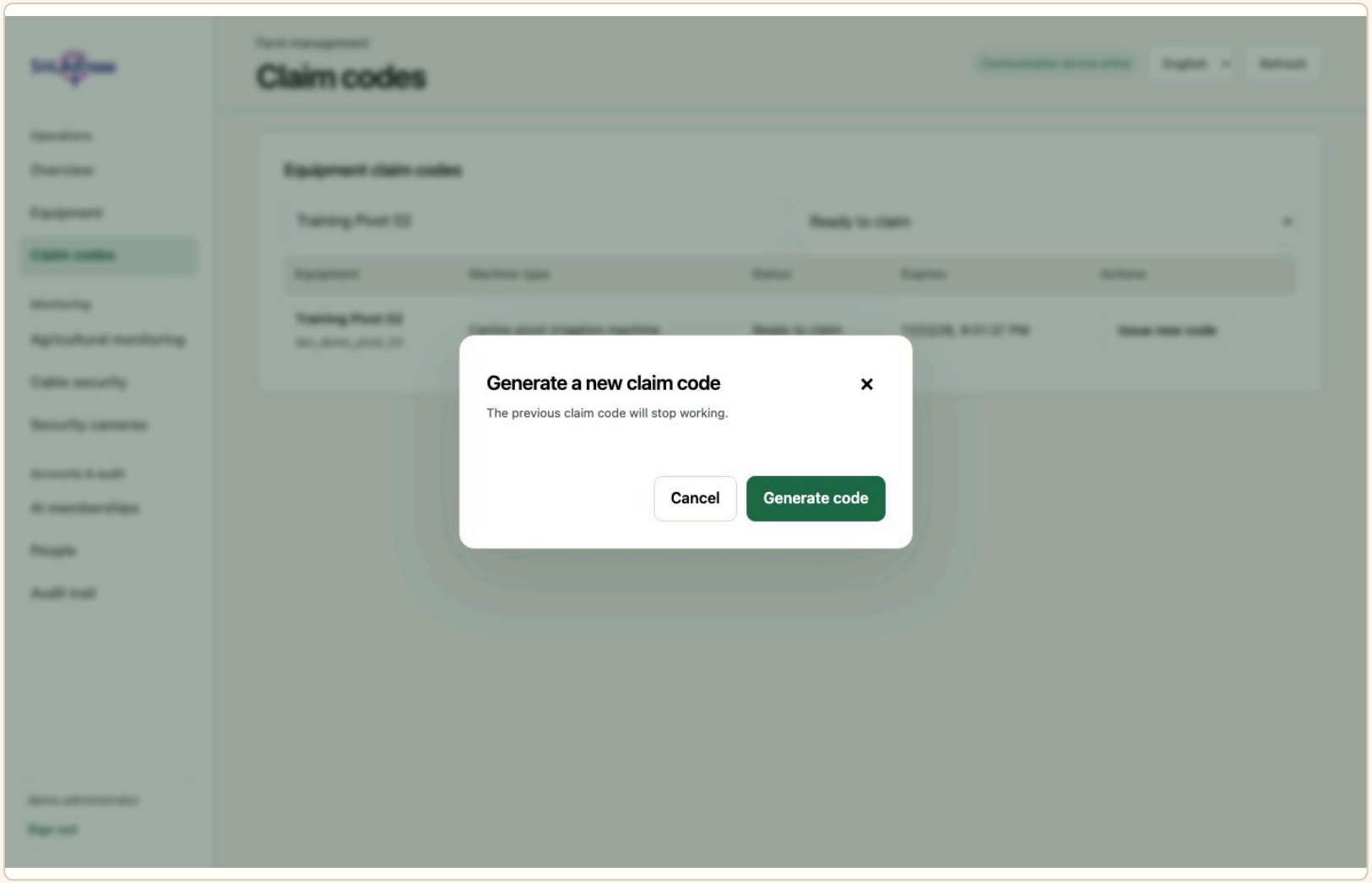
The row shows the correct machine, type, status and expiry.

Before you begin

- Use the exact equipment ID and confirm the intended owner.
- The training machine must be unbound before a replacement is issued.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership



STEP 02

Review the replacement warning

Select Issue new code. Read the warning and check the intended machine before you generate a replacement.

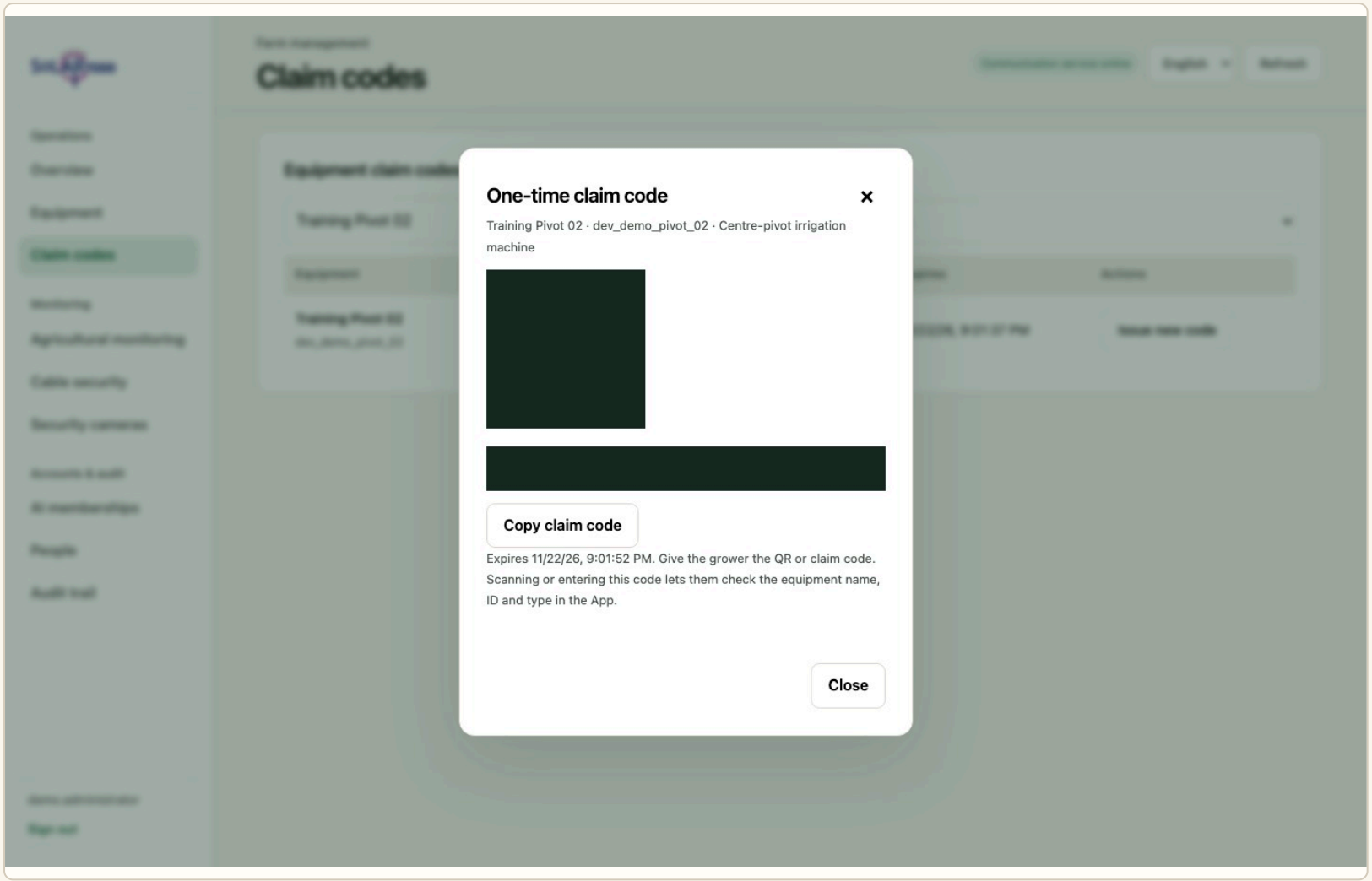
Check the result

Generating the replacement invalidates the earlier code immediately.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership

Step 3 of 10



STEP 03

Give the code to the intended owner

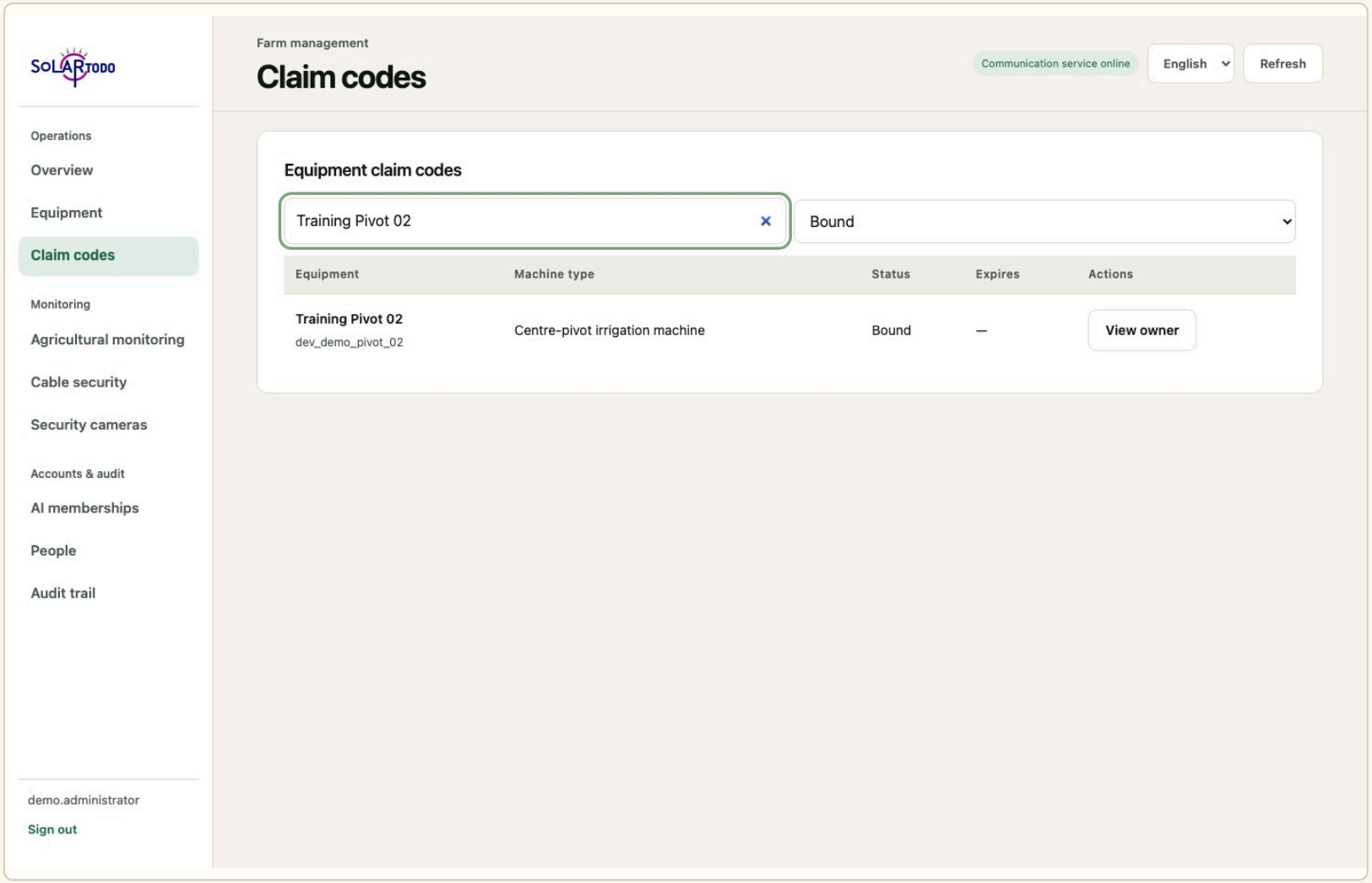
Use Copy claim code or the displayed QR. The owner checks the device name and type in the App before confirming.

Check the result

The training code and QR are concealed here. Read the expiry in the real workflow.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership



STEP 04

Verify the Bound status

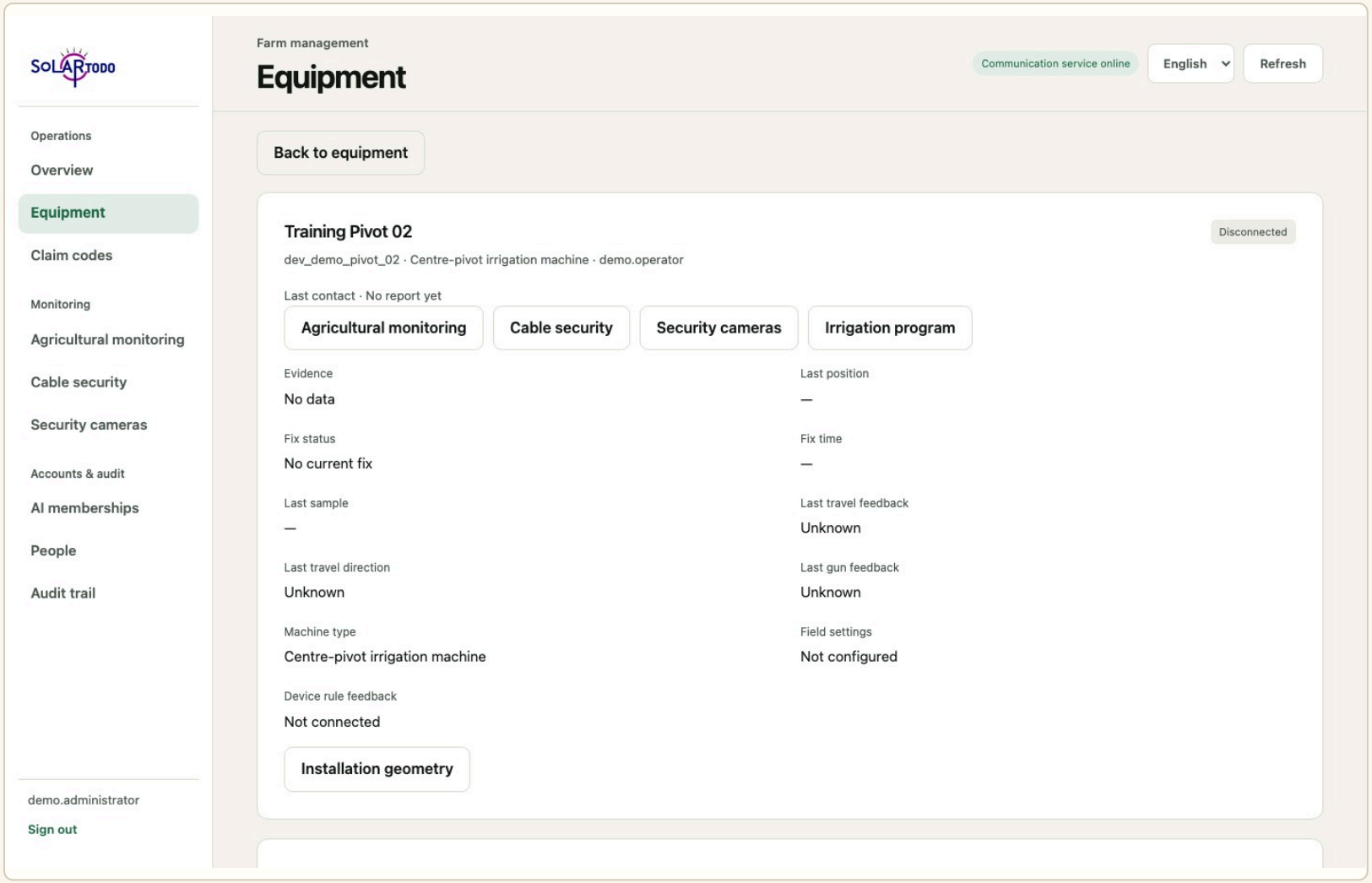
After the owner confirms in the App, re-open or refresh Claim codes and choose Bound.

Check the result

The intended record appears as Bound. The demonstration exercised the owner claim API in the isolated environment.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership



STEP 05

Open the assigned owner record

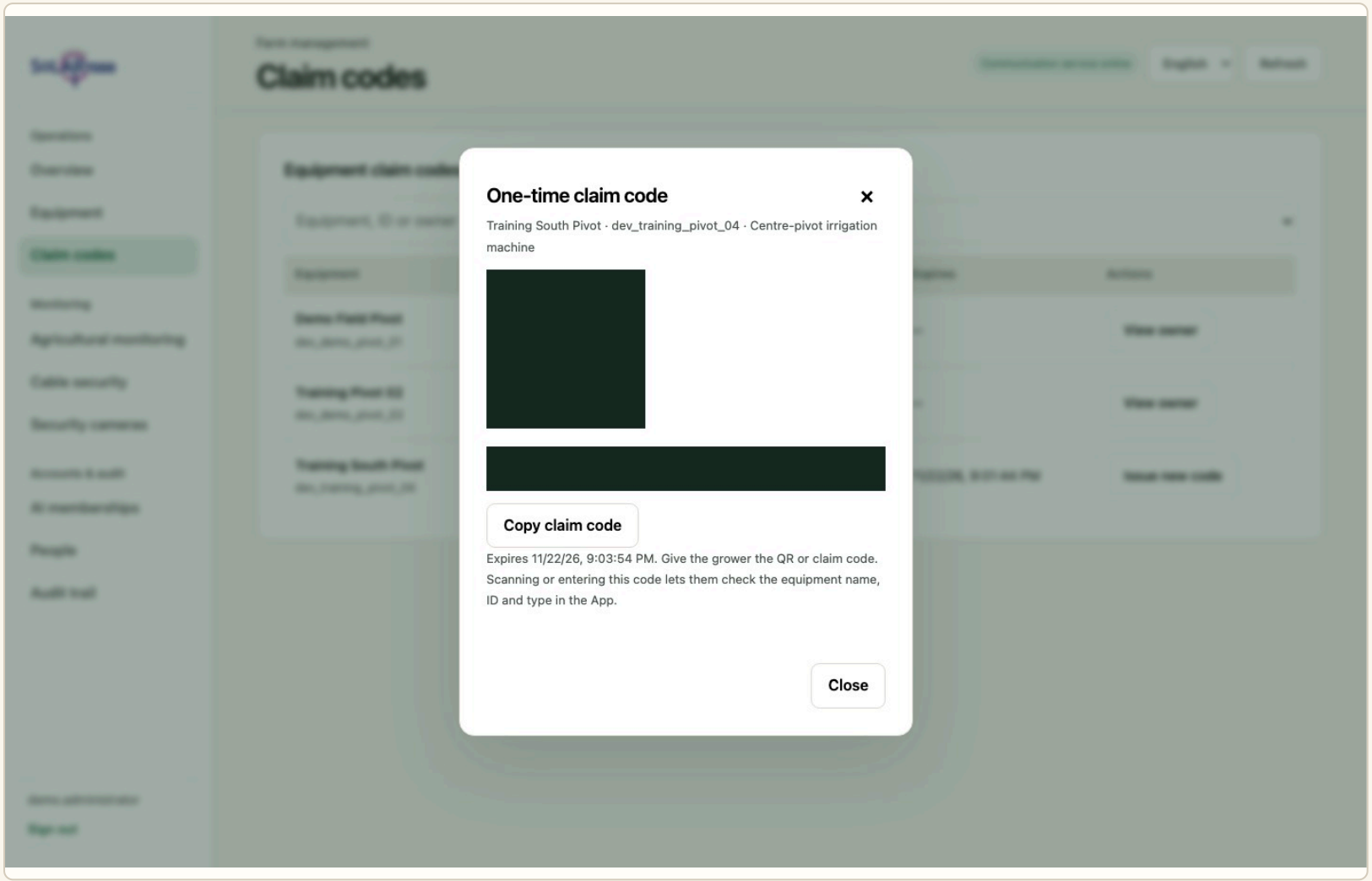
Select View owner and read the owner name in equipment details.

Check the result

The owner matches the intended account.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership



STEP 06

Issue a code for Training South Pivot

In Claim codes find the unbound training pivot. Issue a new code for the authorized recipient.

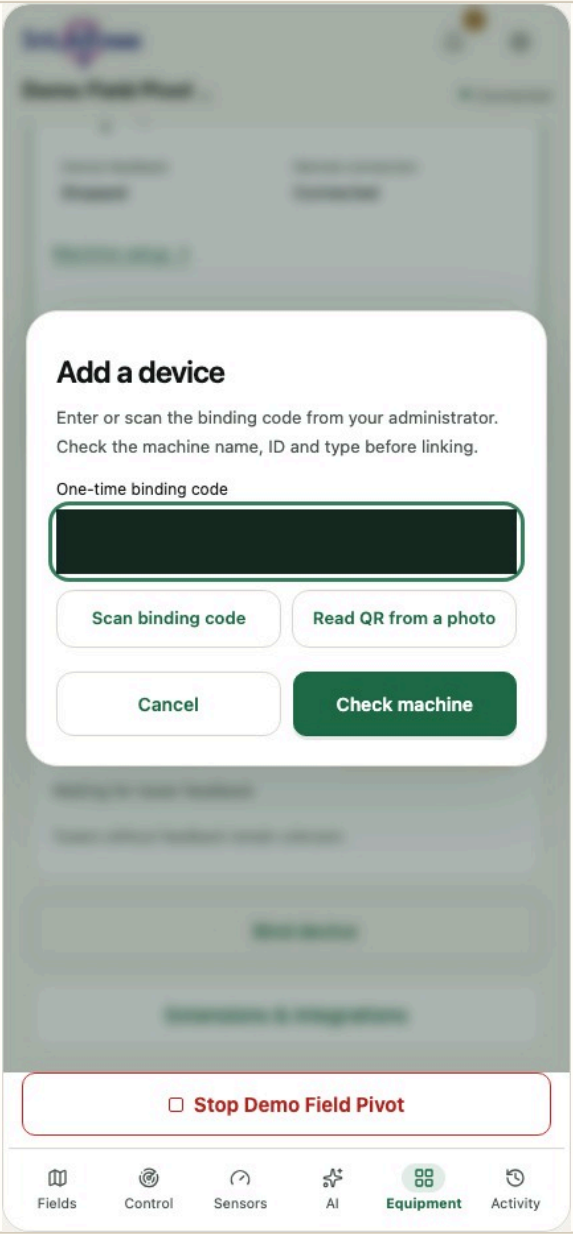
Check the result

The code and QR are concealed. The machine name, type and expiry remain visible.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership

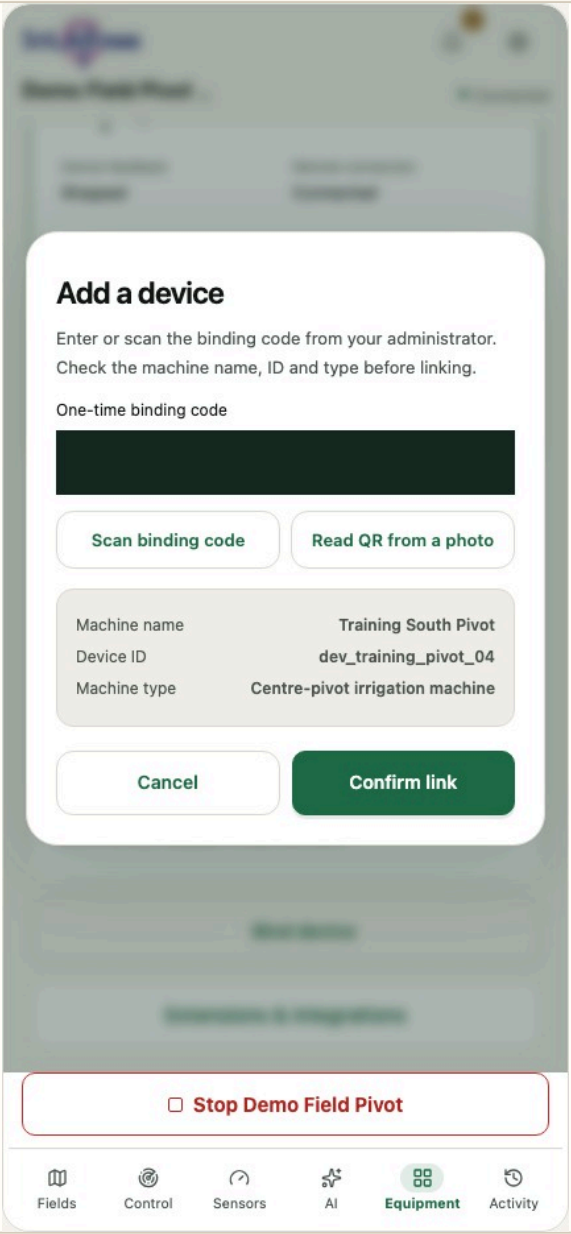
Steps 7–8 of 10



07 Enter the code from administration

In Equipment, open the bind form and enter the one-time code you were given.

Check The training code is concealed. Verify it was issued for this machine.



08 Review the machine before binding

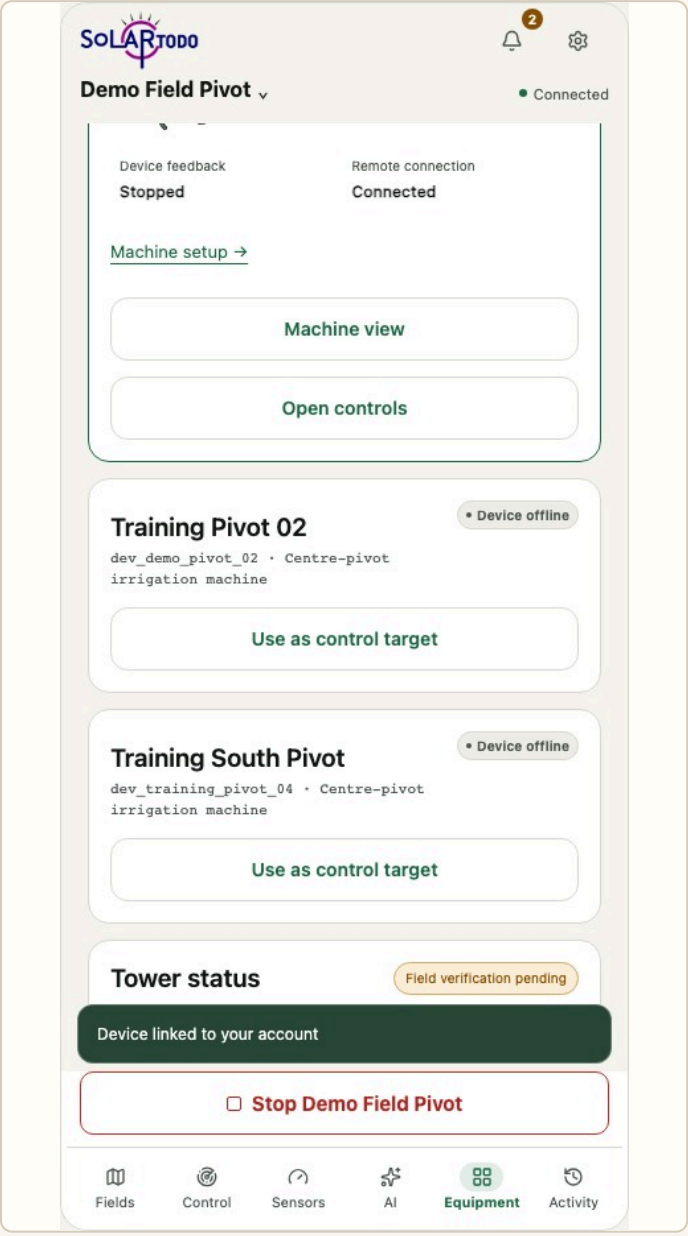
Read the machine name, equipment ID and type in the preview. Confirm only when they match.

Check The preview matches Training South Pivot from the web console.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership

Step 9 of 10



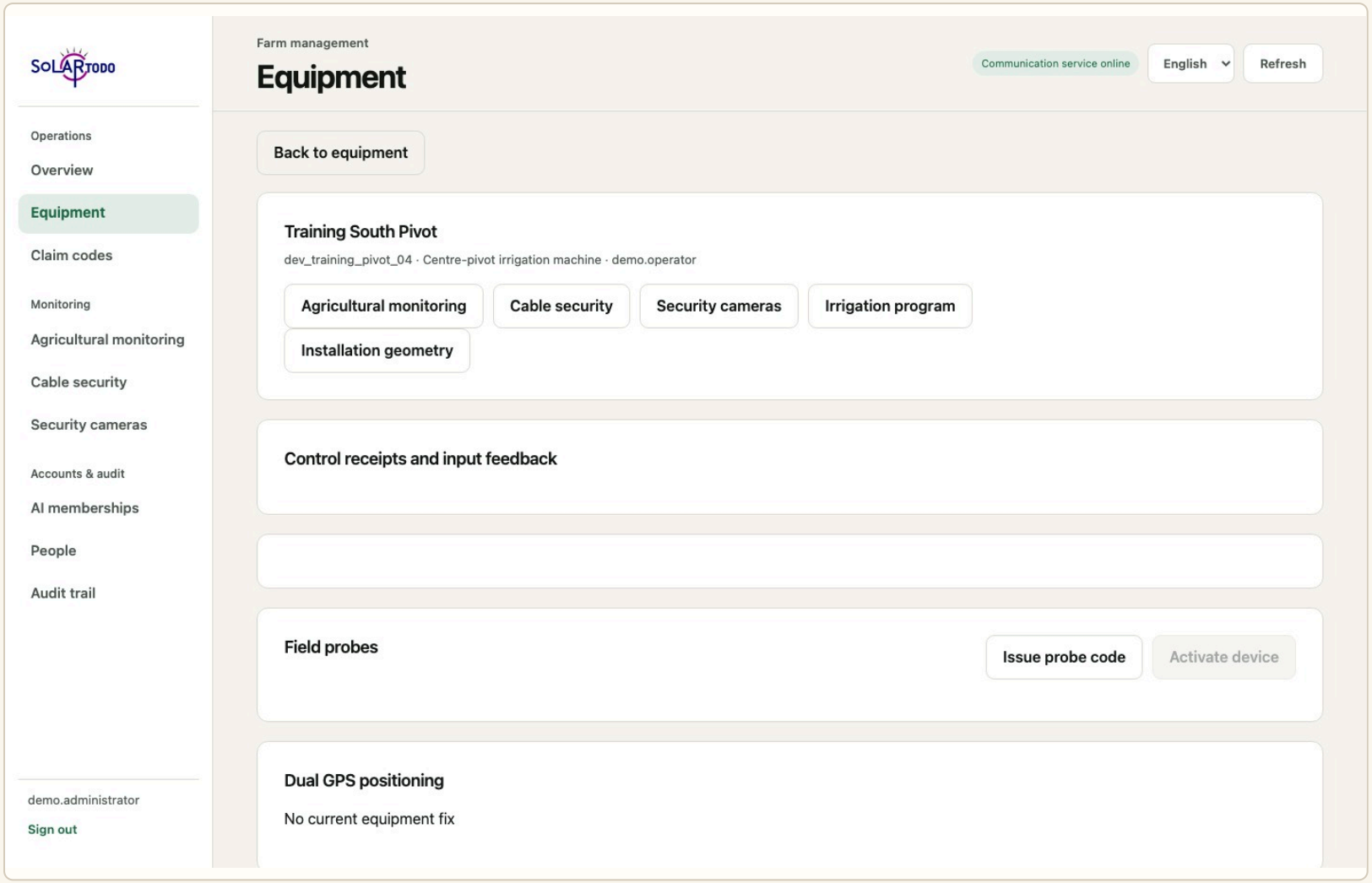
09 Verify assignment in the App

Return to Equipment and find the newly claimed pivot in your list.

Check Training South Pivot is now assigned to the training owner.

TASK 18 · CLAIM CODES

Issue a replacement claim code and verify ownership



STEP 10

Verify the same binding in administration

Refresh Claim codes, verify Bound, then select View owner.

Check the result

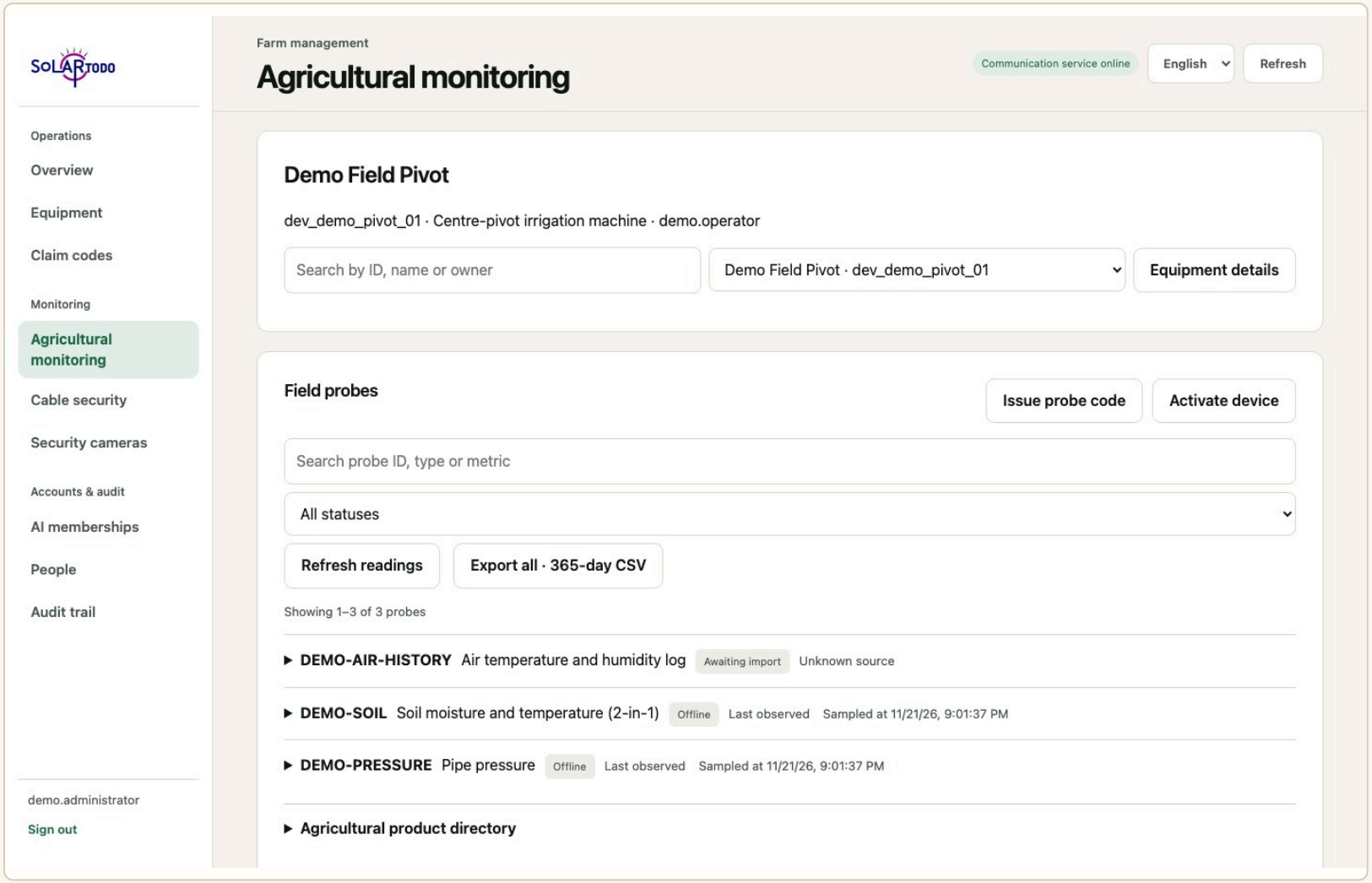
The equipment details name the same training owner.

If the result differs

- The previous code stops working when a replacement is issued. Have the owner use the new code.
- If a machine is already bound, use View owner to confirm the current binding before changing access.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 01

Choose the machine and probe workspace

Select Agricultural monitoring. Search or select the pivot, then read its Field probes panel.

Check the result

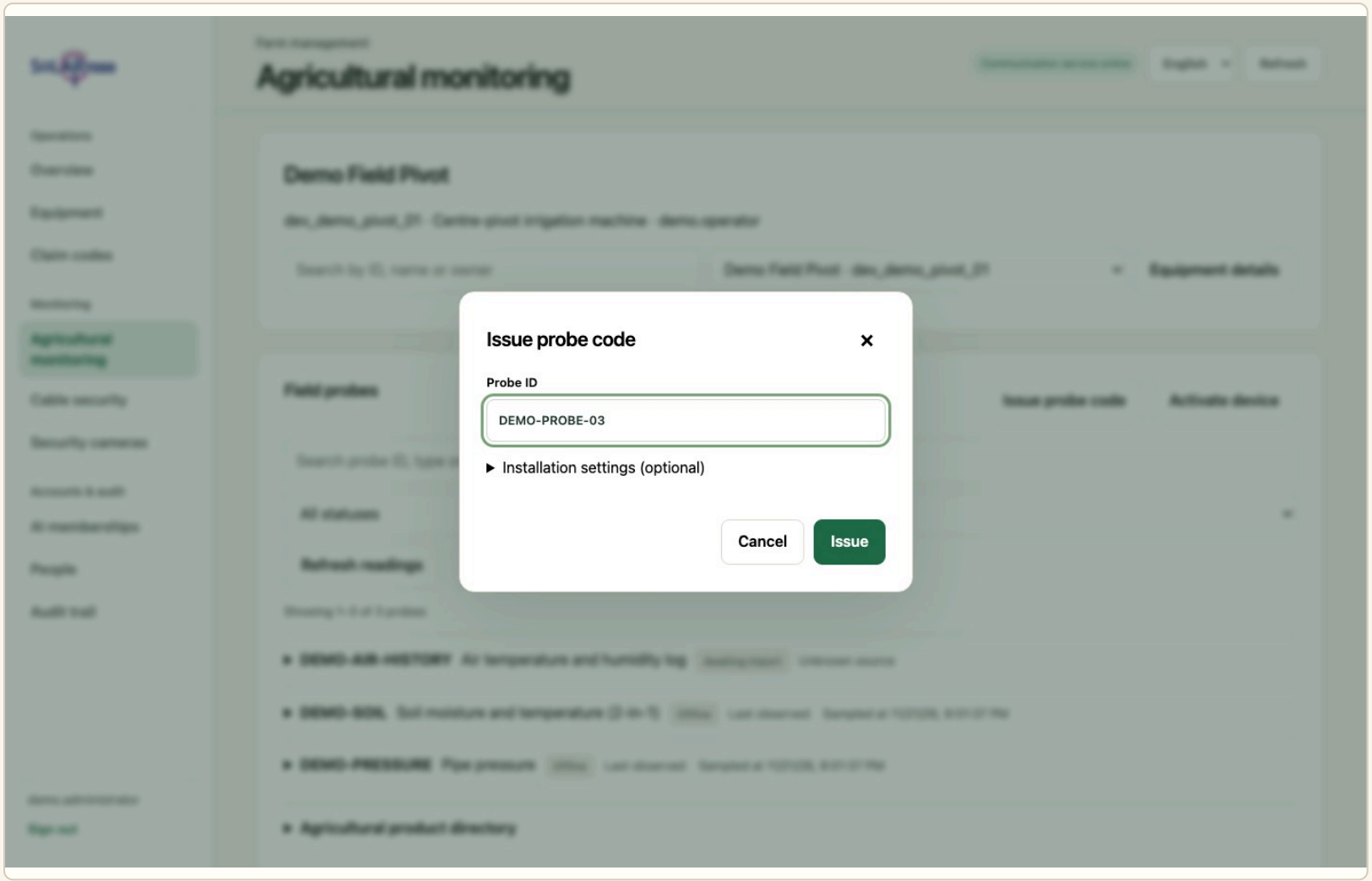
The equipment name and existing probe list match the intended machine.

Before you begin

- Select the correct machine and complete any needed wiring verification.
- Confirm the probe type and its allowed address before activation.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 02

Issue a probe activation code

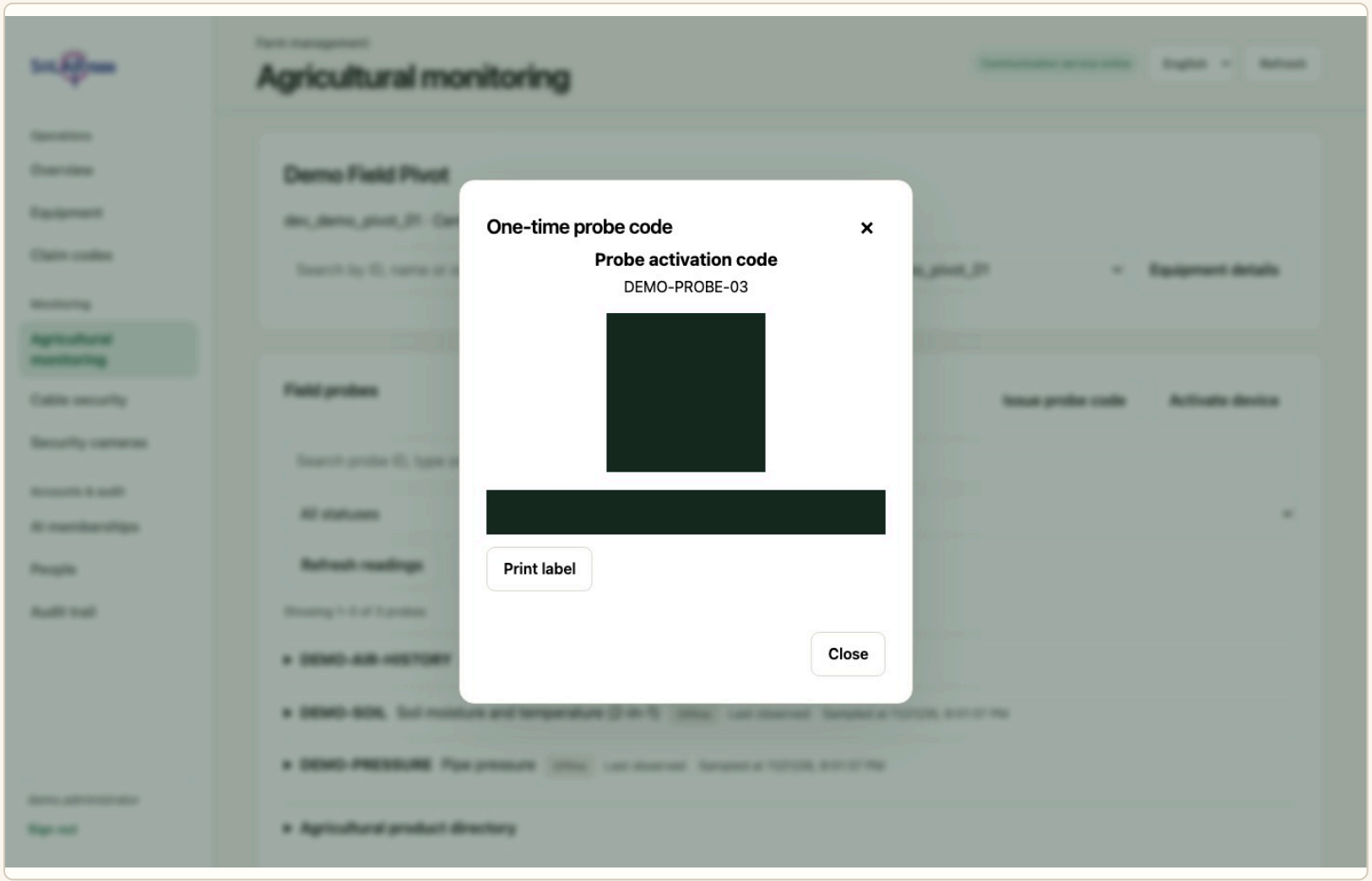
Click Issue probe code and enter the probe identifier. Expand Installation settings when a confirmed bus address should be provisioned.

Check the result

The code is for the probe and is distinct from the machine claim code.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 03

Review the probe label

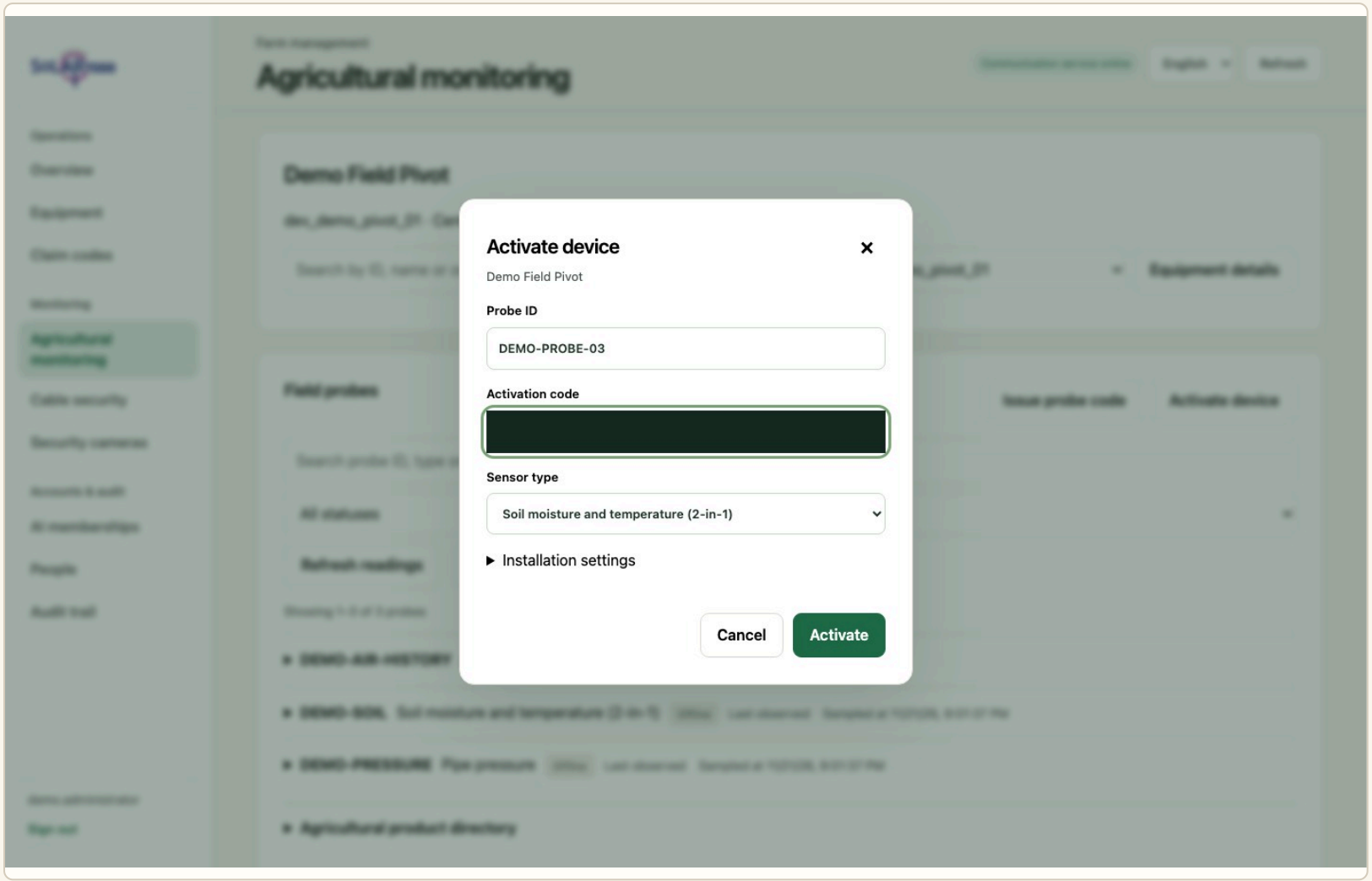
Issue the code. Match the code/label to the probe identifier and distribute it through the intended handoff.

Check the result

The training code and QR are masked. The console supports printing the probe label.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 04

Review the activation form

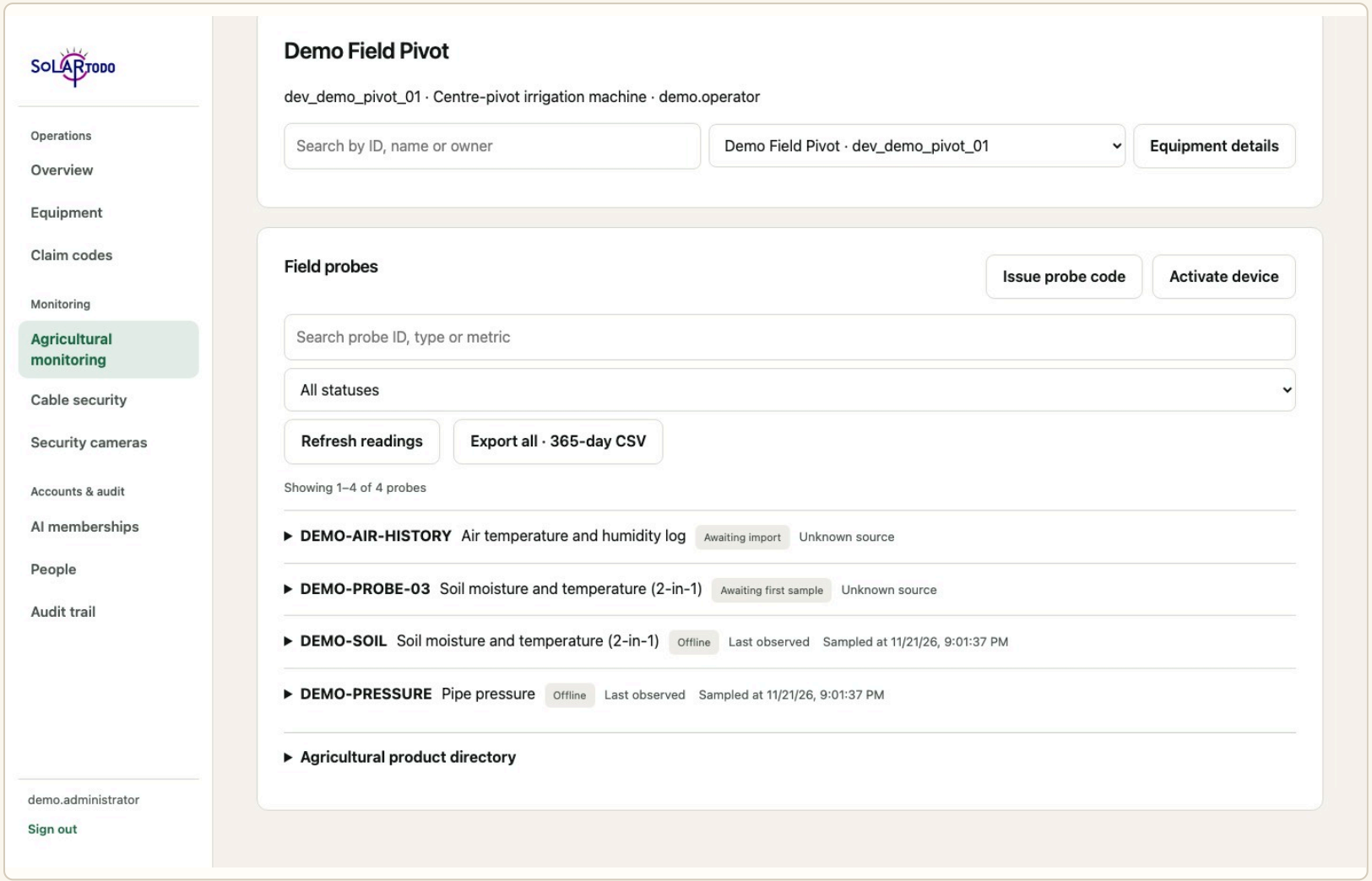
Click Activate device. Enter probe ID and activation code, choose the compatible sensor type, and review the installation setting.

Check the result

The selected type corresponds to the physical probe. The screenshot masks the activation code.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 05

Check the newly activated probe

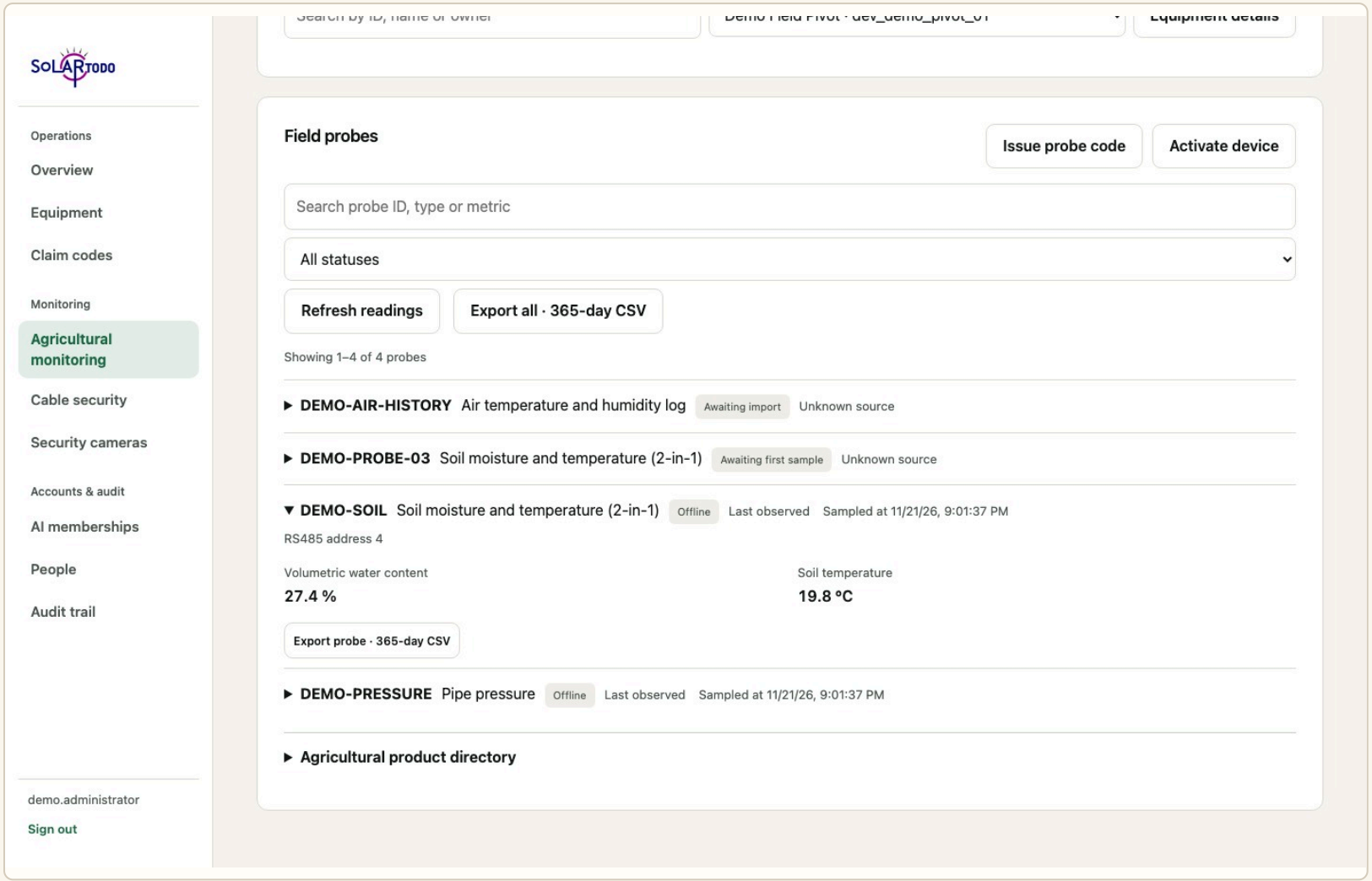
Find the newly assigned probe and read its current data status. This example has just been activated.

Check the result

Awaiting first sample indicates the software is waiting for the first reading from the assigned field sensor.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 06

Read the first report and units

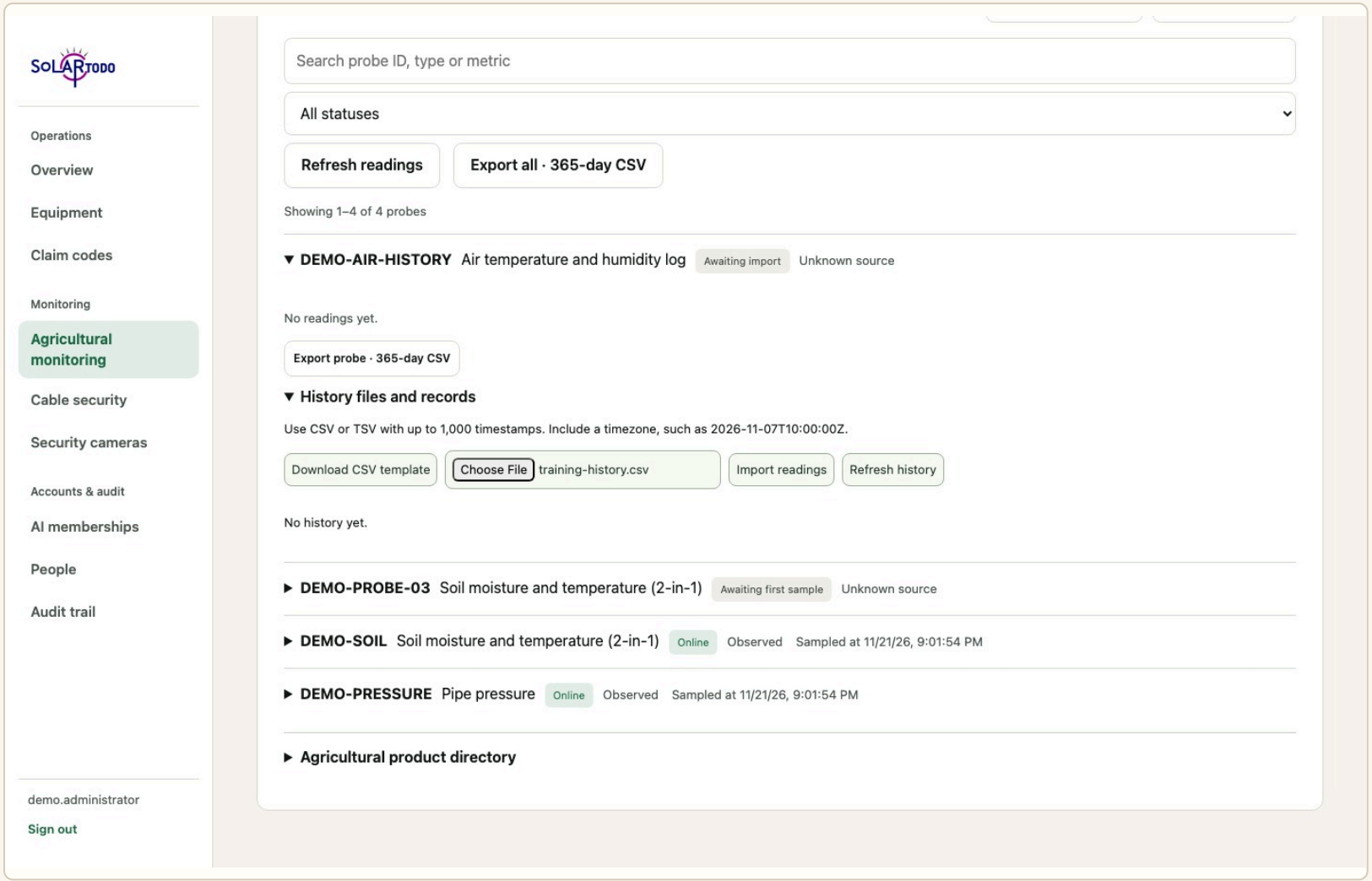
Expand a configured probe. Confirm observation time, units and sensor identity before comparing values.

Check the result

The open card shows the software reporting model using fresh local training readings.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 07

Upload a historical sample

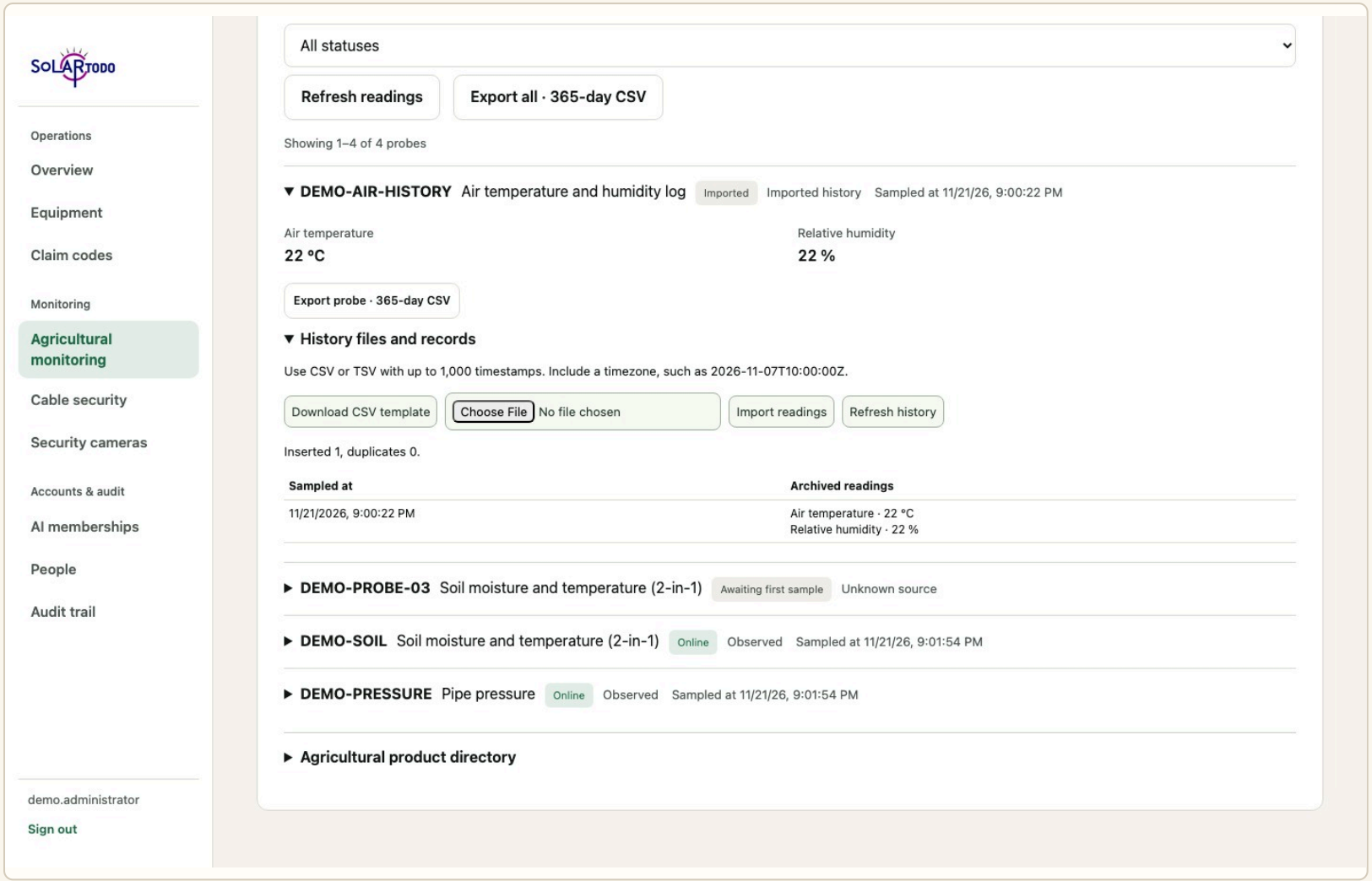
Use the probe CSV template. Keep the existing headers and supply a valid timestamp and corresponding metric values. Choose the file and select Import readings.

Check the result

The training file is explicitly historical; it does not become a fresh controller observation.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 08

Check the import result

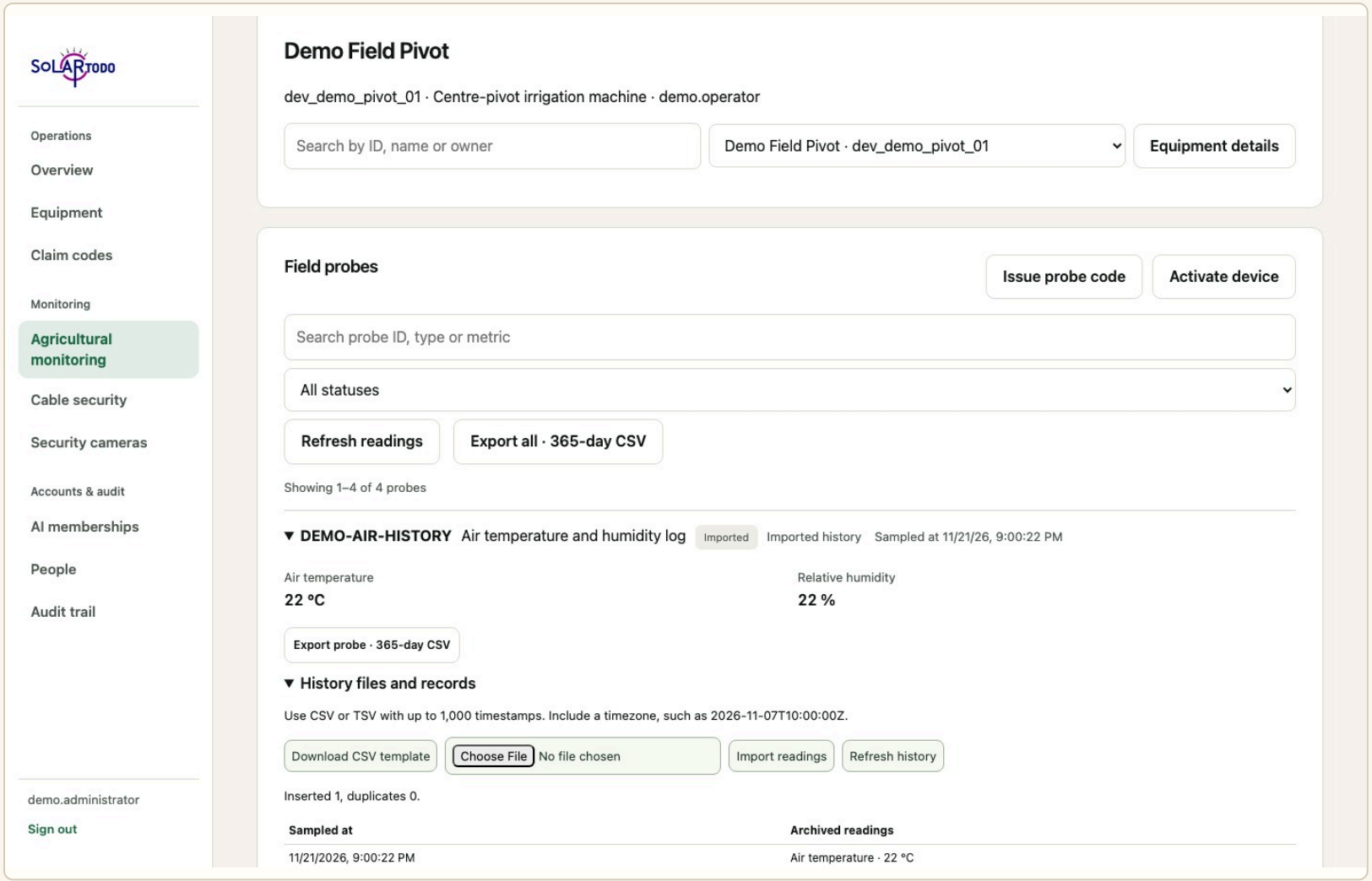
Review the imported and duplicate counts and inspect the history list.

Check the result

The sample is available through the archived history workflow.

TASK 19 · AGRICULTURAL MONITORING

Provision a probe, review readings and export data



STEP 09

Export all readings for this machine

Use Export all · 365-day CSV for the selected equipment. Check the downloaded file and headings.

Check the result

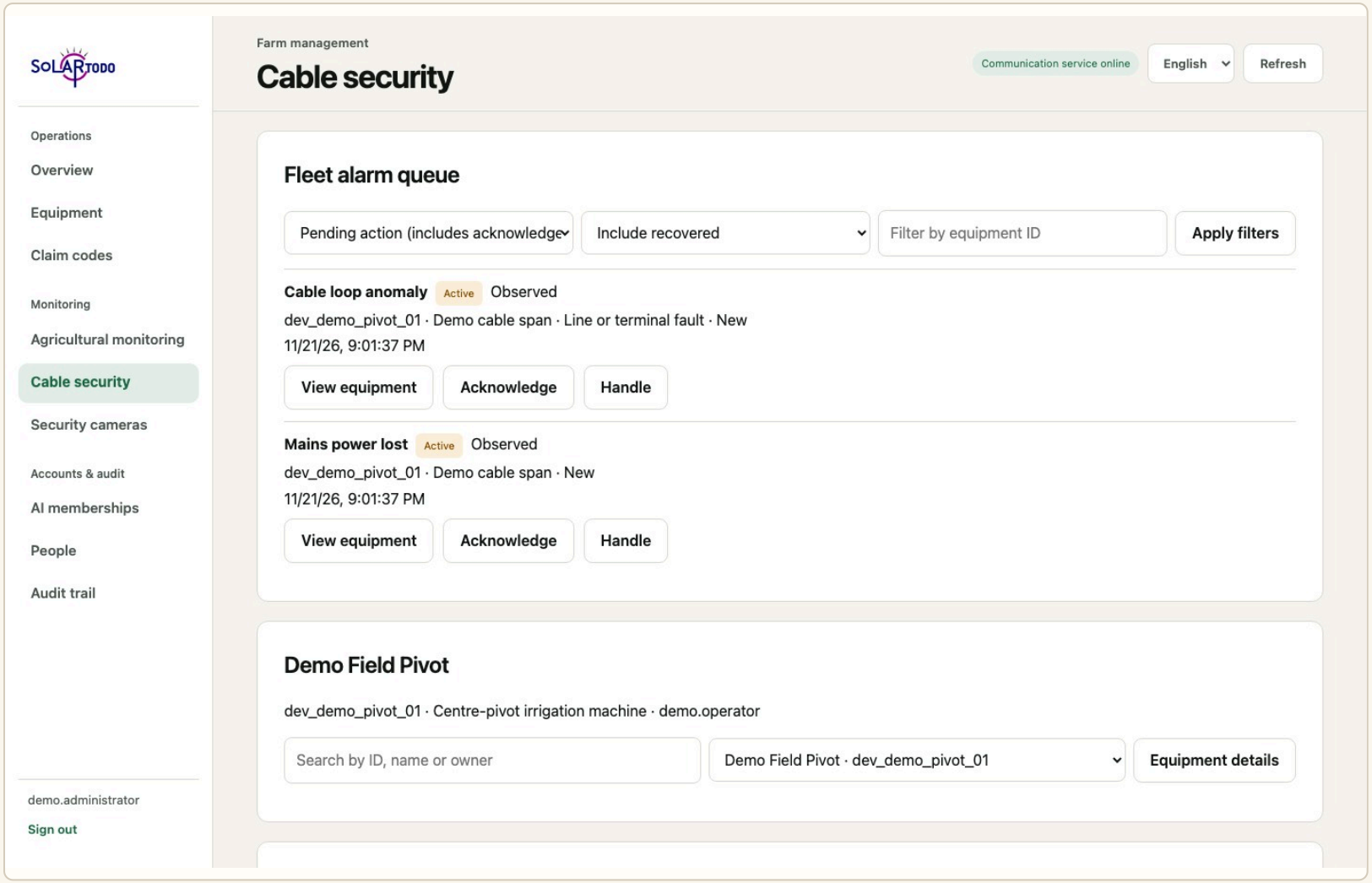
The training download is a real CSV from the local application. Its values are demonstrations.

If the result differs

- A registered probe can be Awaiting first report until it sends a sample.
- If address or setup conflicts, review the physical installation and the registered settings before retrying.

TASK 20 · CABLE SECURITY

Review cable segments and process an alarm



STEP 01

Review the alarm context

Select Cable security. Check workflow, equipment, segment, detection time and current condition.

Check the result

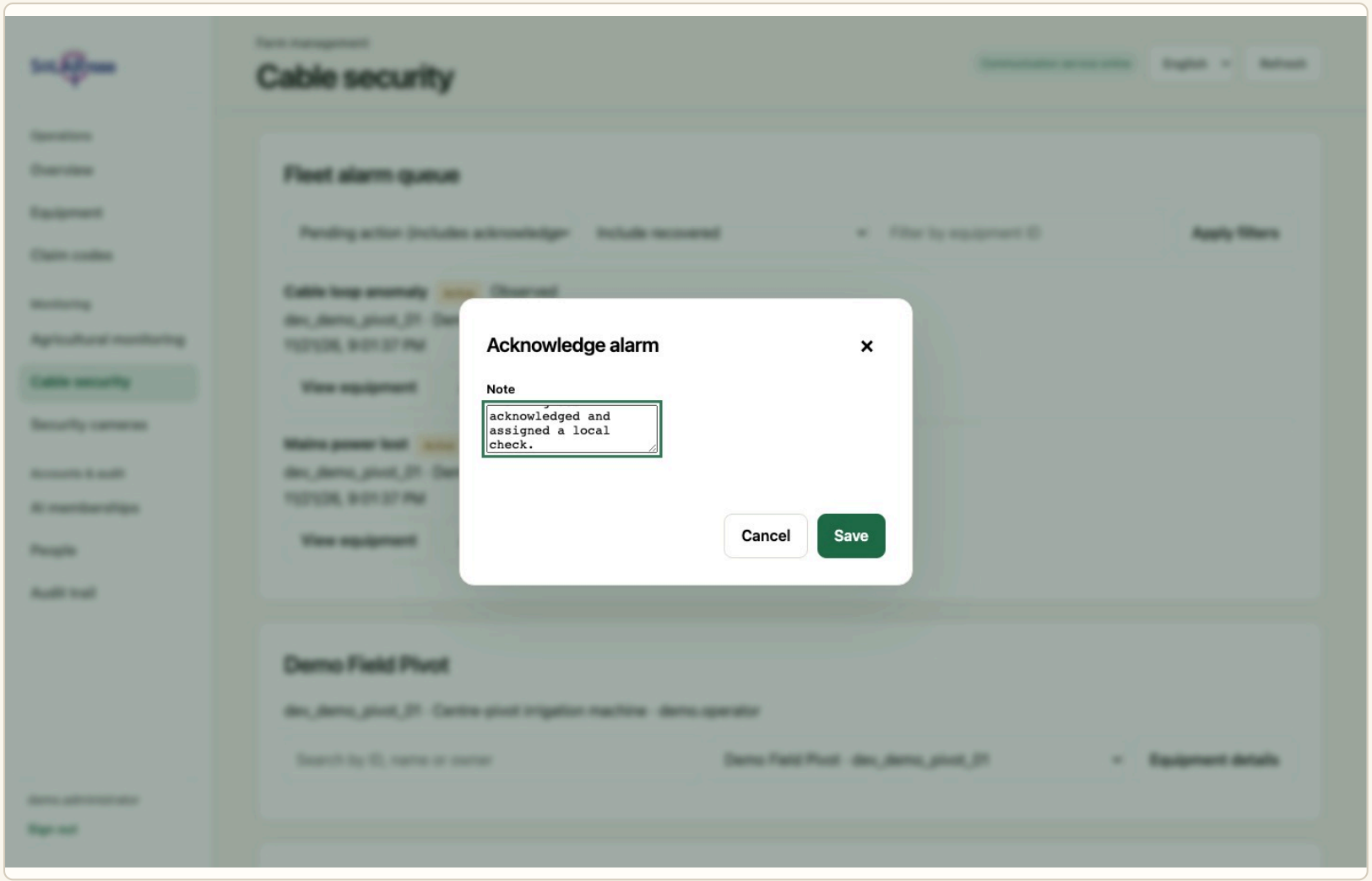
The alarms shown were injected by the local training fixture.

Before you begin

- Have the exact machine and segment reference. A physical inspection follows the site procedure.

TASK 20 · CABLE SECURITY

Review cable segments and process an alarm



STEP 02

Acknowledge the alarm

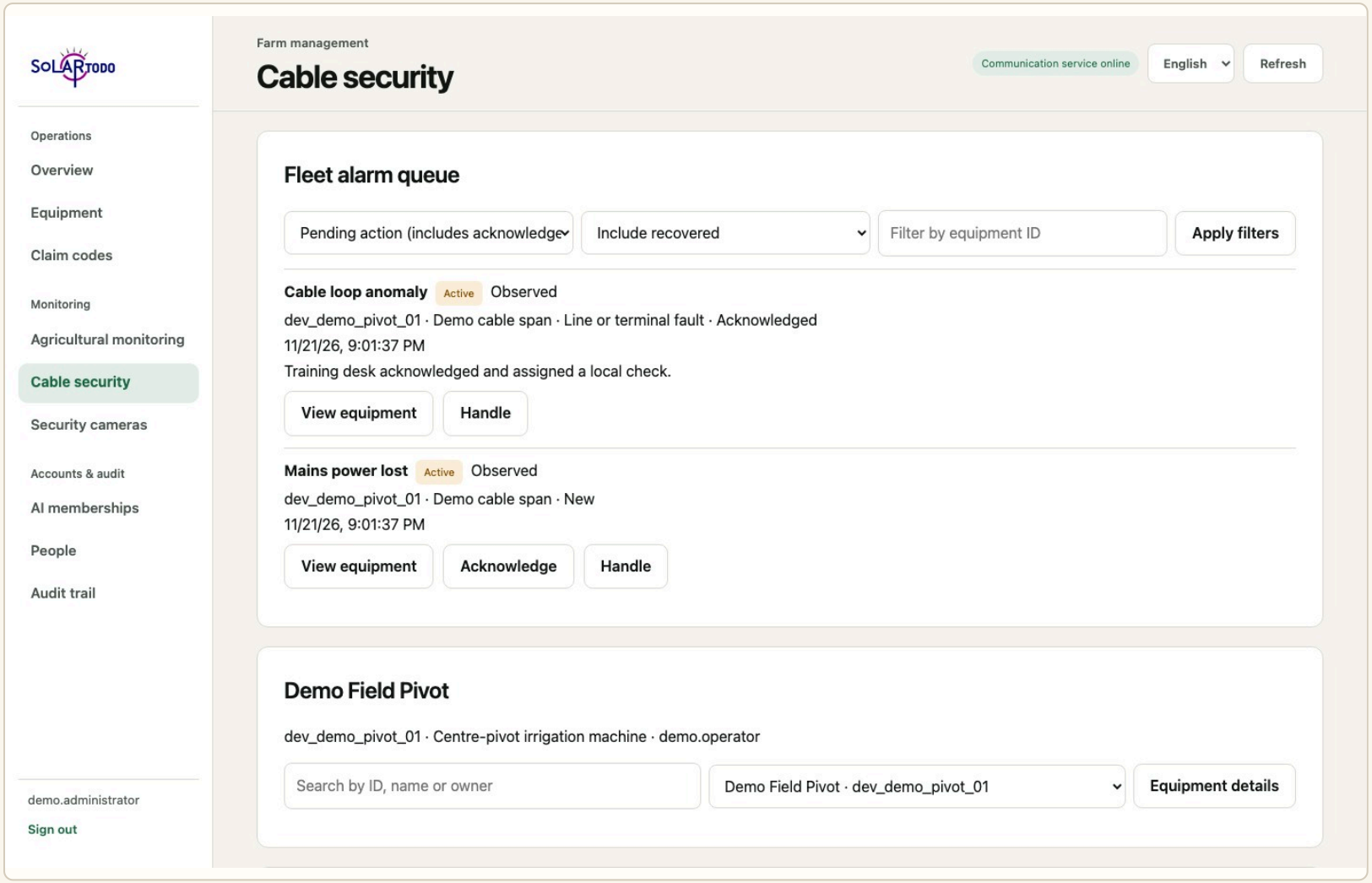
Select Acknowledge, enter the note as required for your process, then confirm.

Check the result

The alarm record keeps the note. Acknowledgment does not repair a physical fault.

TASK 20 · CABLE SECURITY

Review cable segments and process an alarm



STEP 03

Verify the acknowledgment

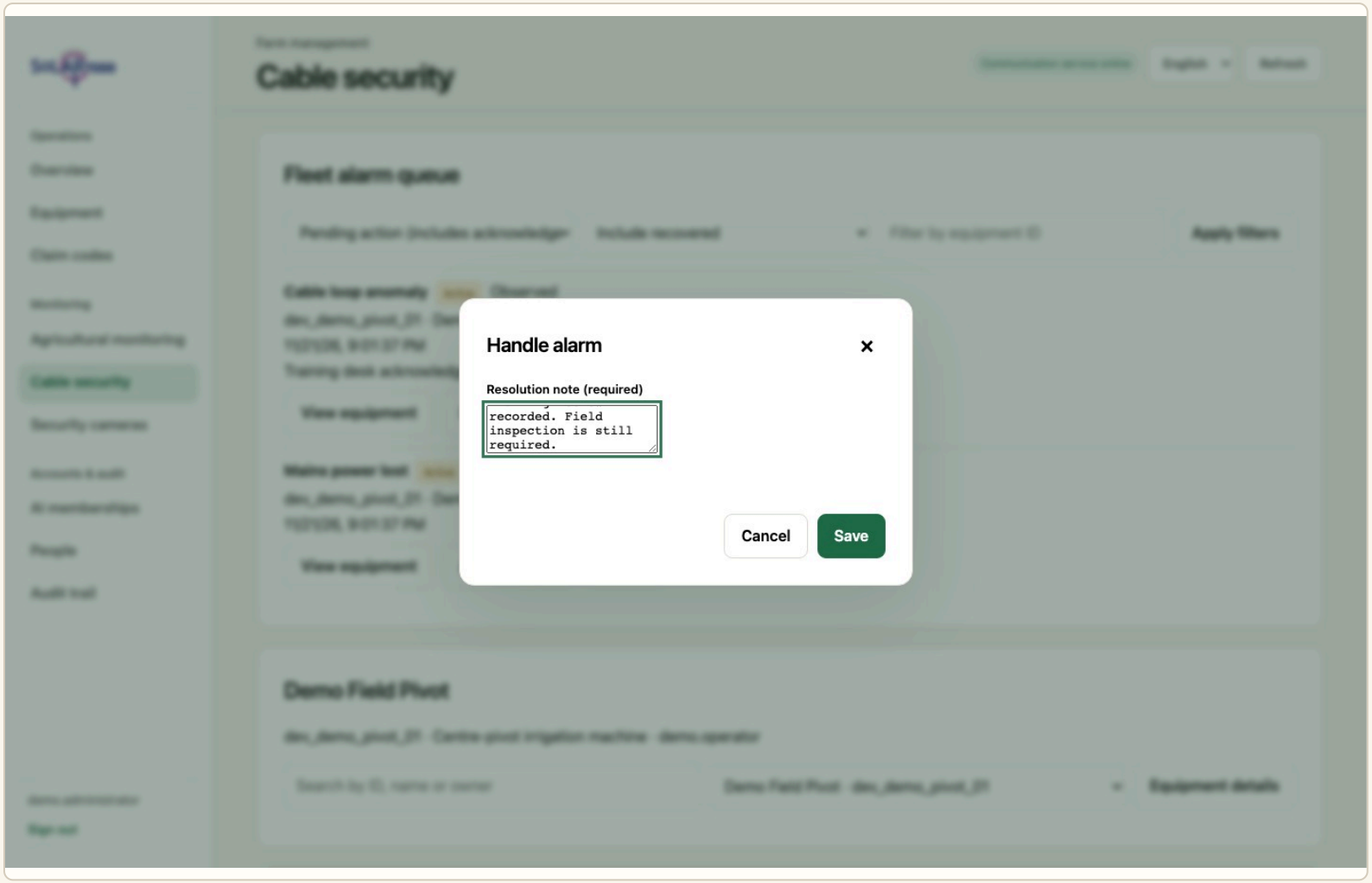
Read the status, current condition and newly saved note.

Check the result

This is a staff action. Verify the condition separately.

TASK 20 · CABLE SECURITY

Review cable segments and process an alarm



STEP 04

Record the disposition

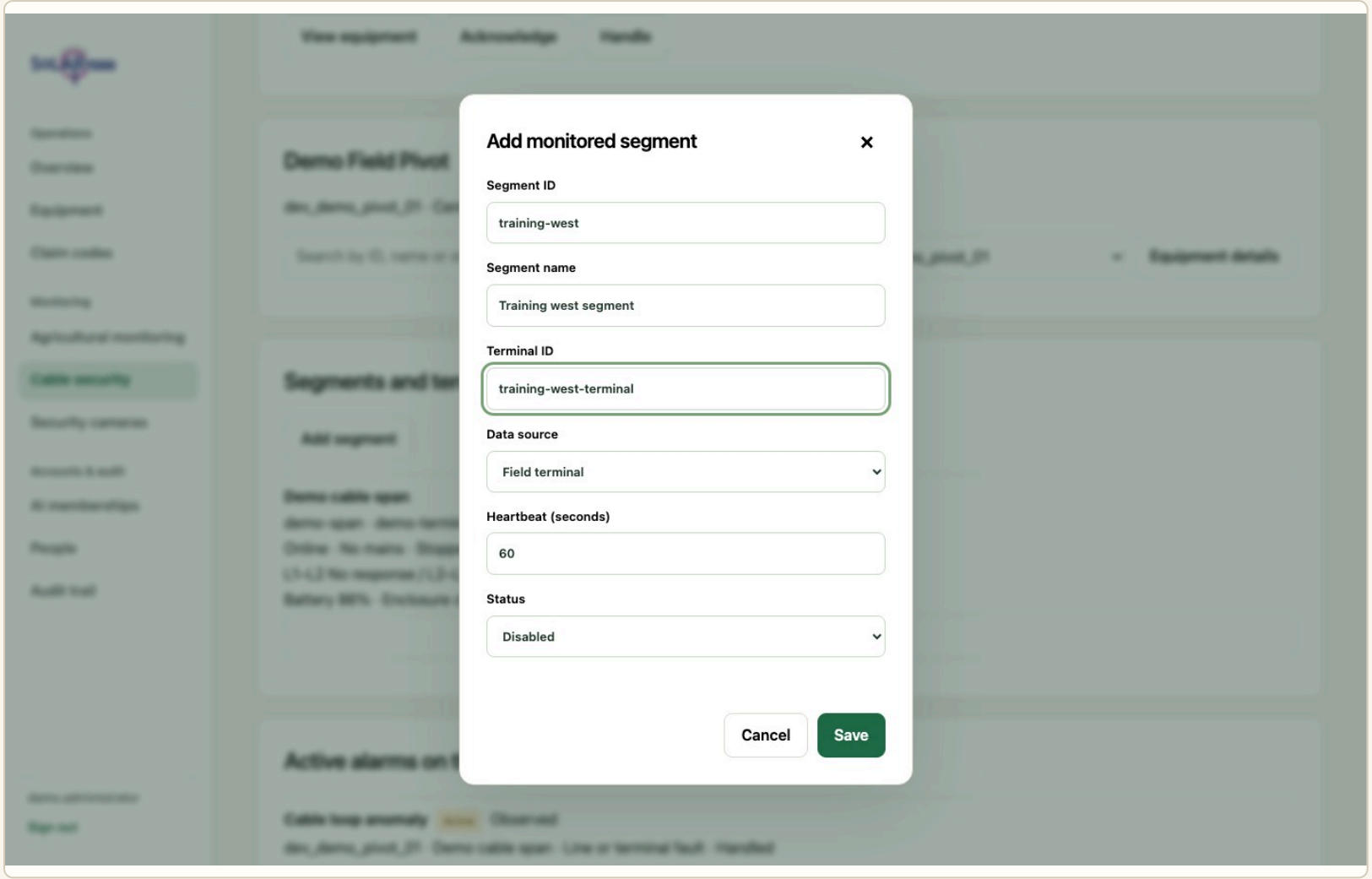
Select Handle and enter the requested resolution note. Confirm after the prescribed investigation.

Check the result

The note records the operator's action independently of the electrical condition.

TASK 20 · CABLE SECURITY

Review cable segments and process an alarm



STEP 05

Review how a segment is configured

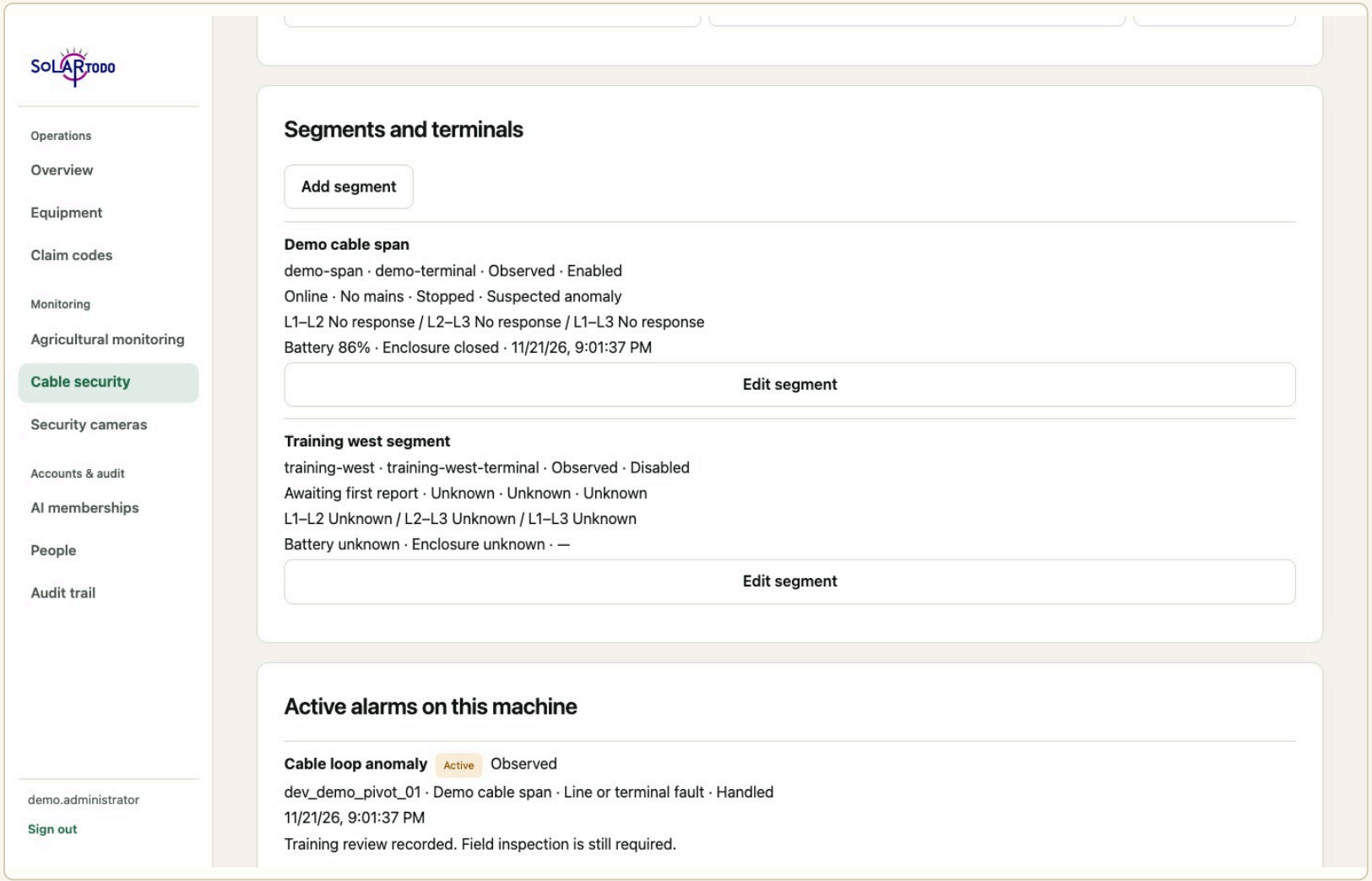
In Segments and terminals, select Add segment. Match the unique segment and terminal identifiers and the required heartbeat configuration.

Check the result

Leave the segment disabled unless the site is ready to start monitoring.

TASK 20 · CABLE SECURITY

Review cable segments and process an alarm



STEP 06

Read segment status

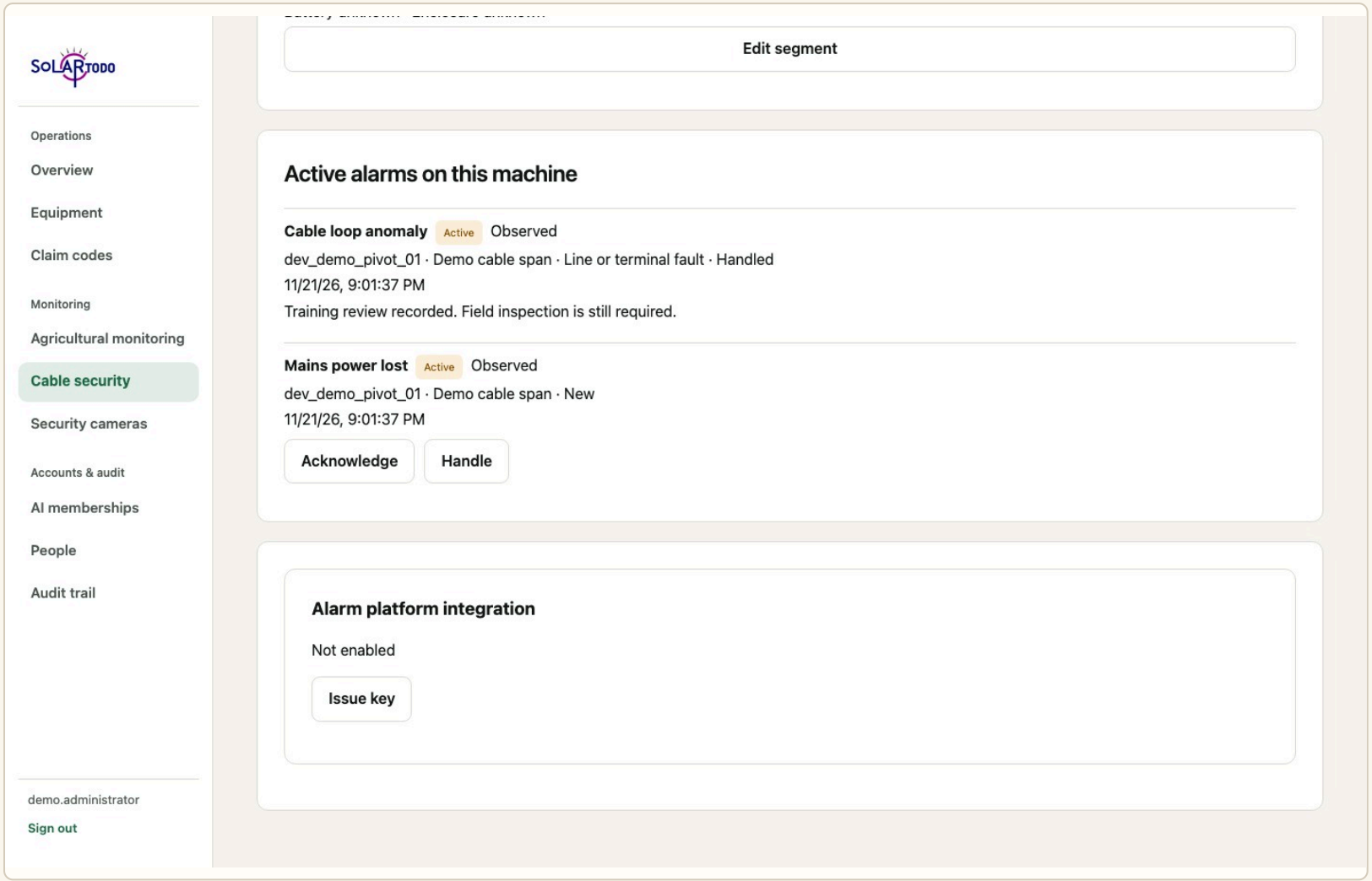
Find the new segment. Check whether it is enabled and whether it has submitted a report.

Check the result

The training segment is disabled and has no verified field terminal.

TASK 20 · CABLE SECURITY

Review cable segments and process an alarm



STEP 07

Locate the read-only integration

Scroll to Alarm platform integration. Keep export/access credentials restricted to the nominated integration.

Check the result

The integration and alarm handling are separate controls.

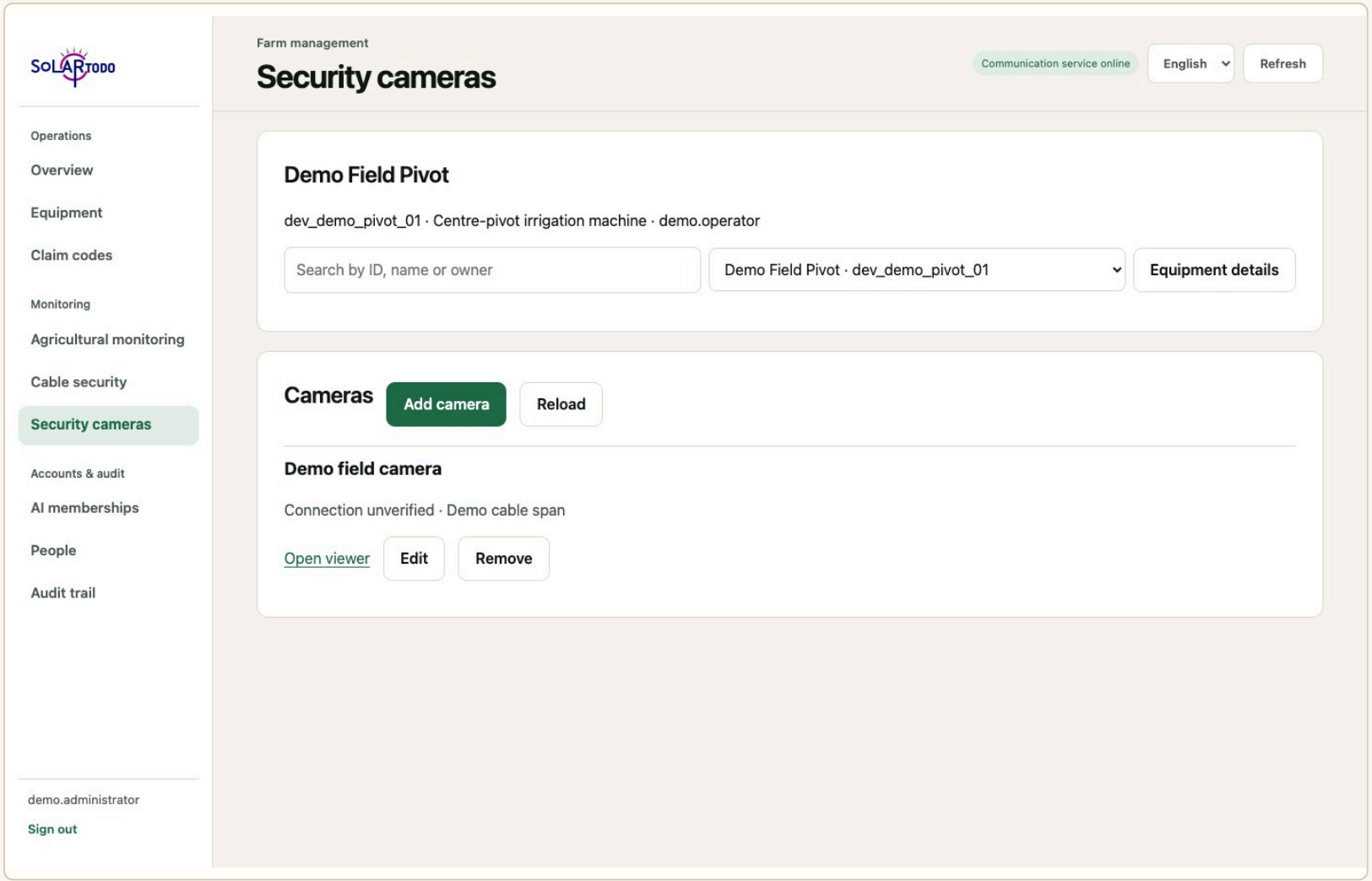
If the result differs

- Acknowledged and Handled reflect staff workflow. Active and Recovered reflect the condition.
- An external read-only alert feed cannot change the owner's alarm status.

TASK 21 · SECURITY CAMERAS

Register, link and remove a security camera

Step 1 of 5



STEP 01

Choose the machine

Select Security cameras and choose the intended bound machine. Read the existing camera list.

Check the result

The camera belongs to the selected machine.

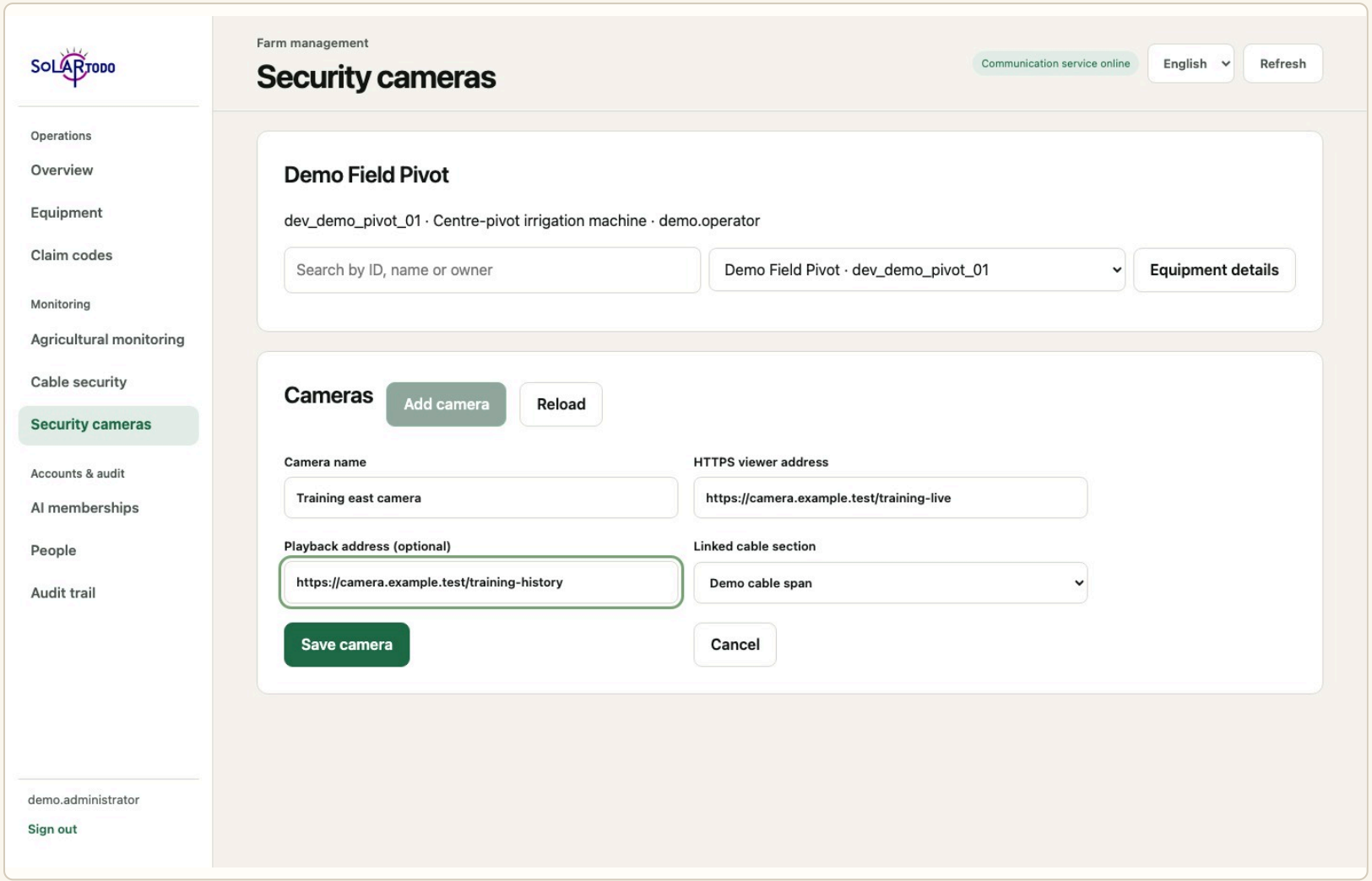
Before you begin

- Choose a bound machine and a permitted HTTPS viewer address.
- Obtain site approval and any playback link before configuring access.

TASK 21 · SECURITY CAMERAS

Register, link and remove a security camera

Step 2 of 5



STEP 02

Enter the camera link

Add camera. Enter name, the HTTPS viewer address and optional playback. Select a linked cable section if applicable.

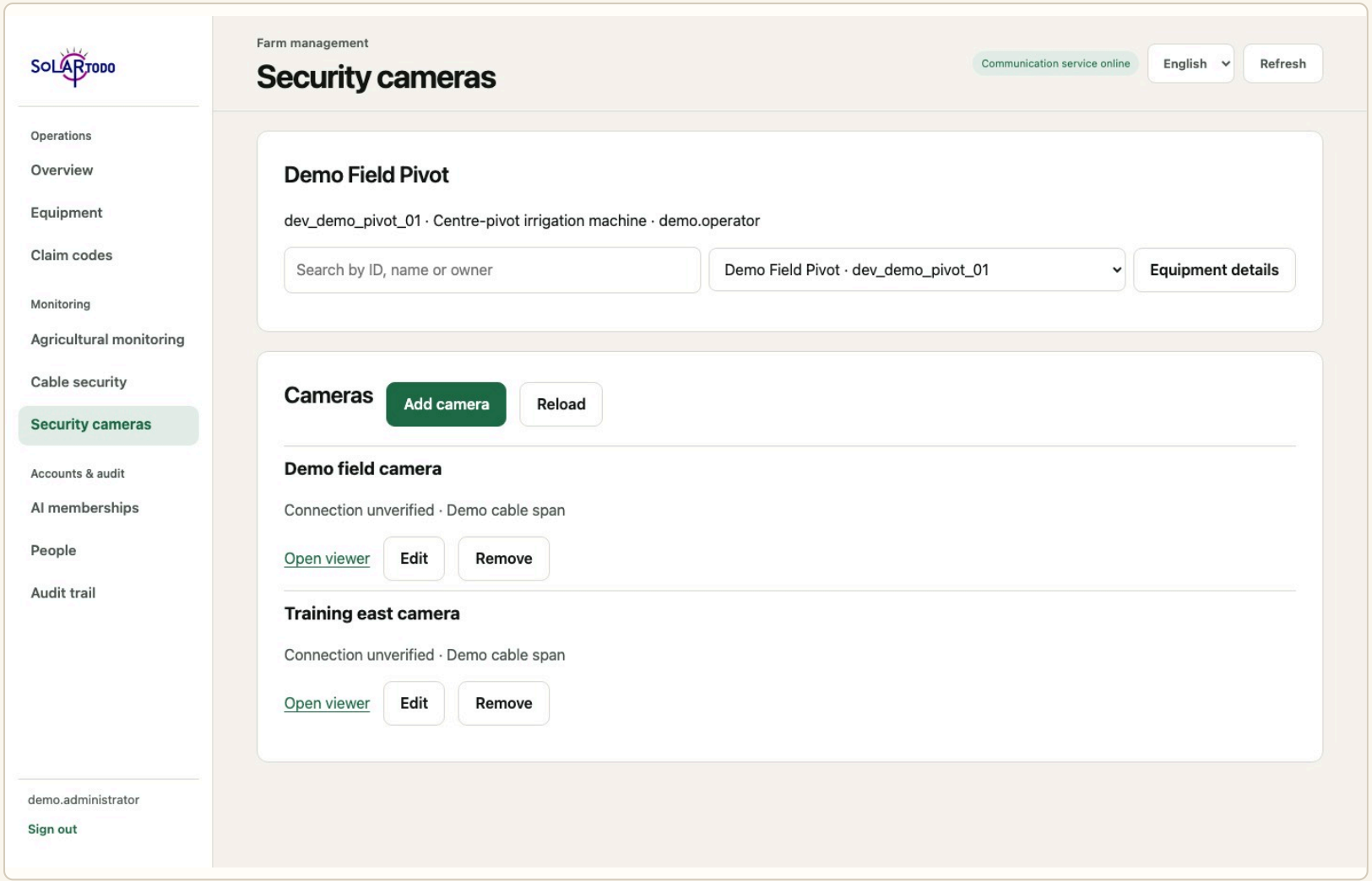
Check the result

The examples are reserved training URLs. In the field check that the addresses are authorized.

TASK 21 · SECURITY CAMERAS

Register, link and remove a security camera

Step 3 of 5



STEP 03

Confirm the saved entry

Read the name, associated section and Connection unverified status. Edit or review the viewer as appropriate.

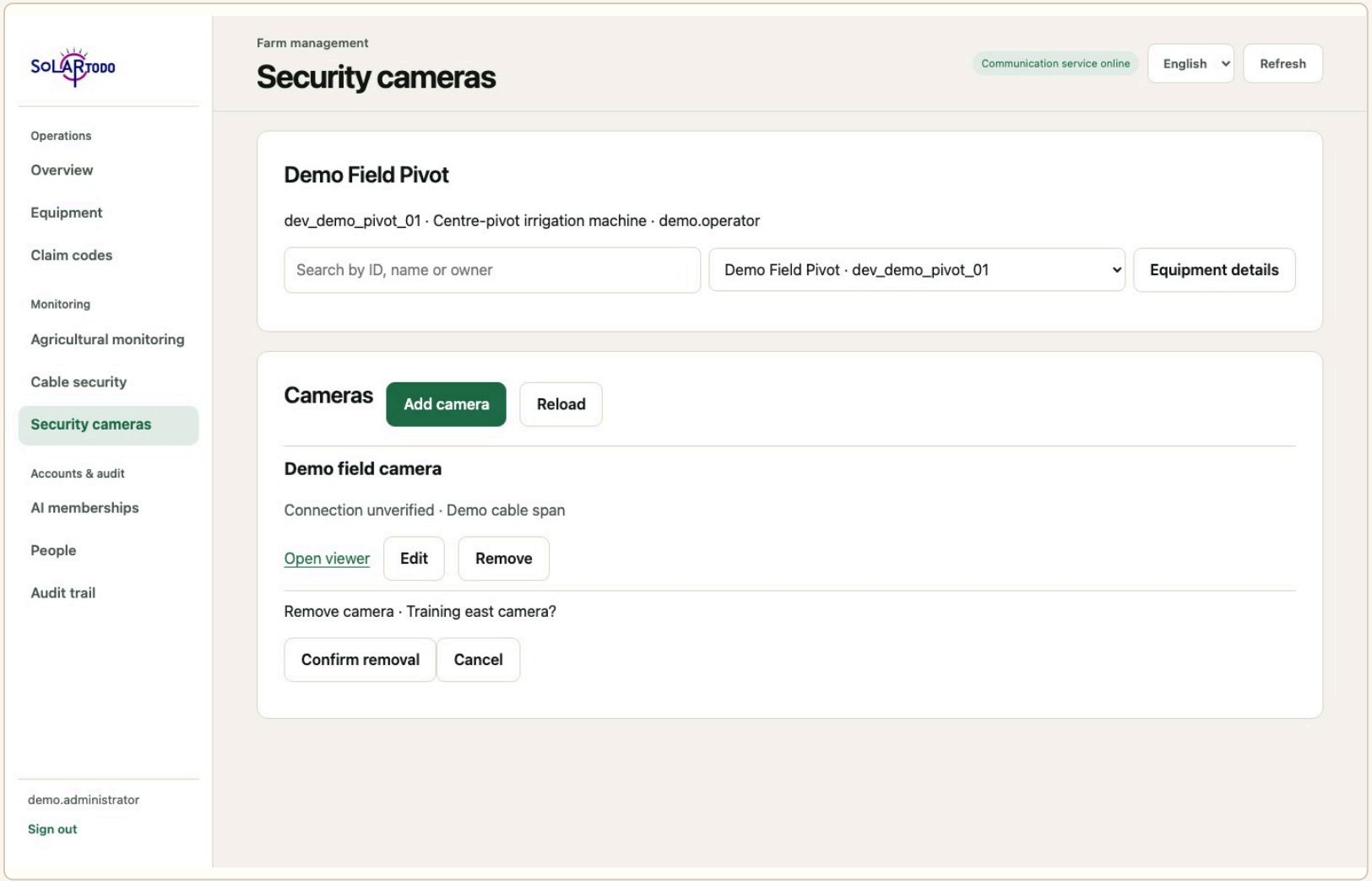
Check the result

The local console saved the camera record. A working viewer requires separate validation.

TASK 21 · SECURITY CAMERAS

Register, link and remove a security camera

Step 4 of 5



STEP 04

Check before removing

In the intended entry select Remove and review the confirmation. Select Confirm removal only when the owner has approved the change.

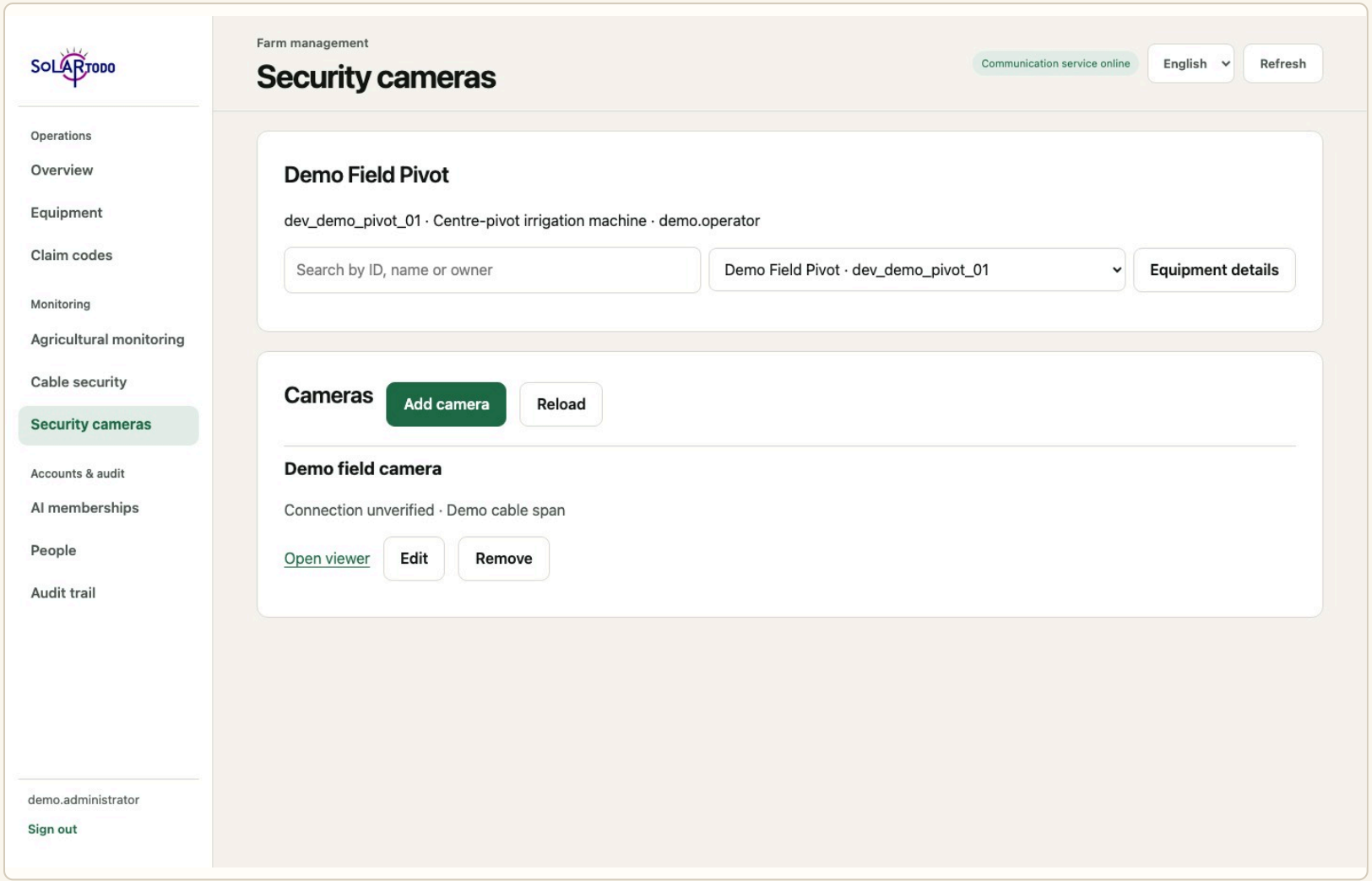
Check the result

Check the camera name before proceeding.

TASK 21 · SECURITY CAMERAS

Register, link and remove a security camera

Step 5 of 5



STEP 05

Confirm removal

Review the refreshed list. The removed training camera is gone.

Check the result

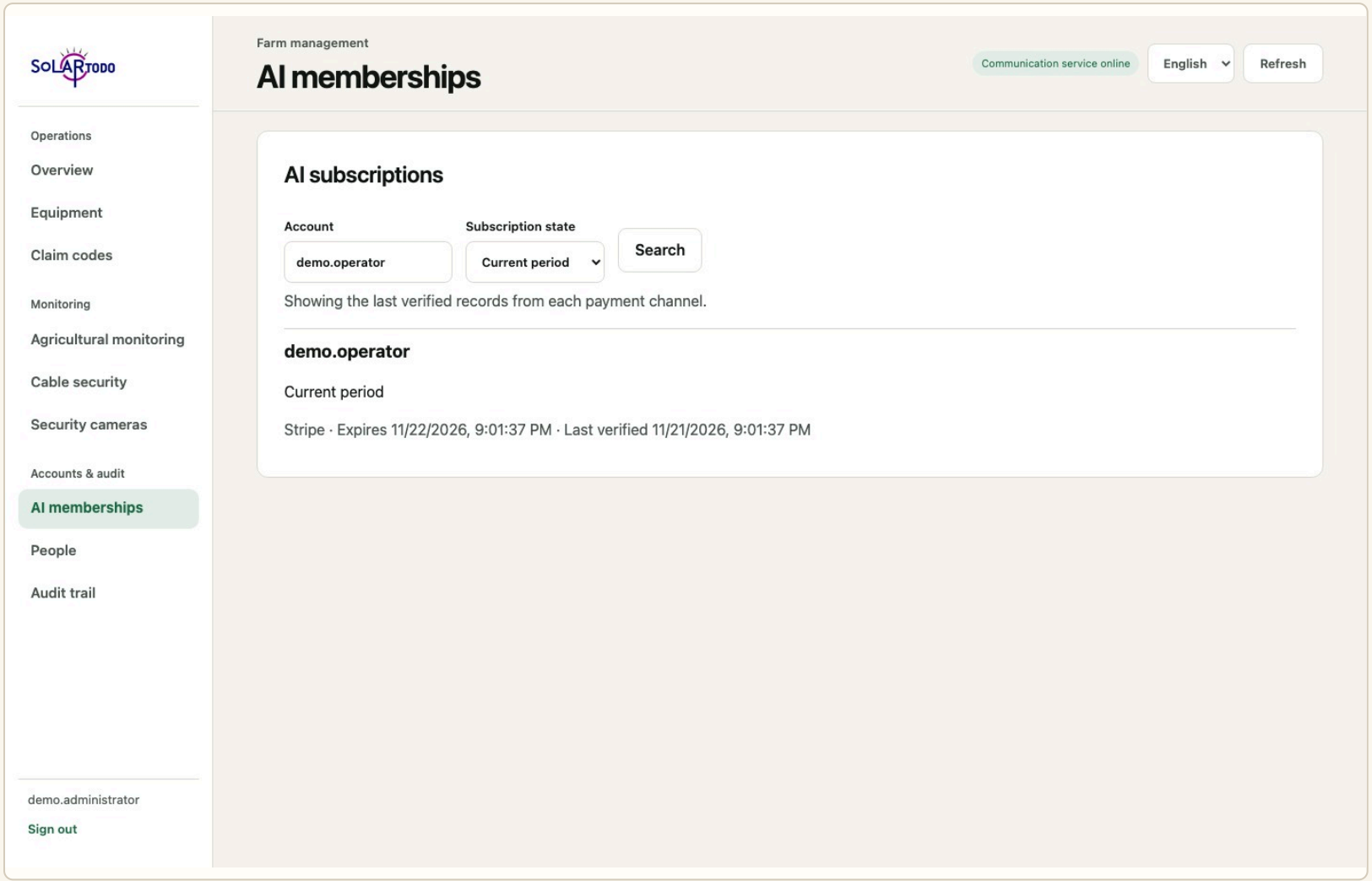
The other equipment camera remains listed.

If the result differs

- Connection unverified means the listing alone did not prove viewer access.
- Confirm camera permissions and the network link directly with the site owner.

TASK 22 · AI MEMBERSHIPS

Look up an AI subscription entitlement



STEP 01

Find the current entitlement

Select AI memberships, enter the account and choose Current period, then select Search.

Check the result

Review the provider, expiry and Last verified. The example is a synthetic entitlement with no charge.

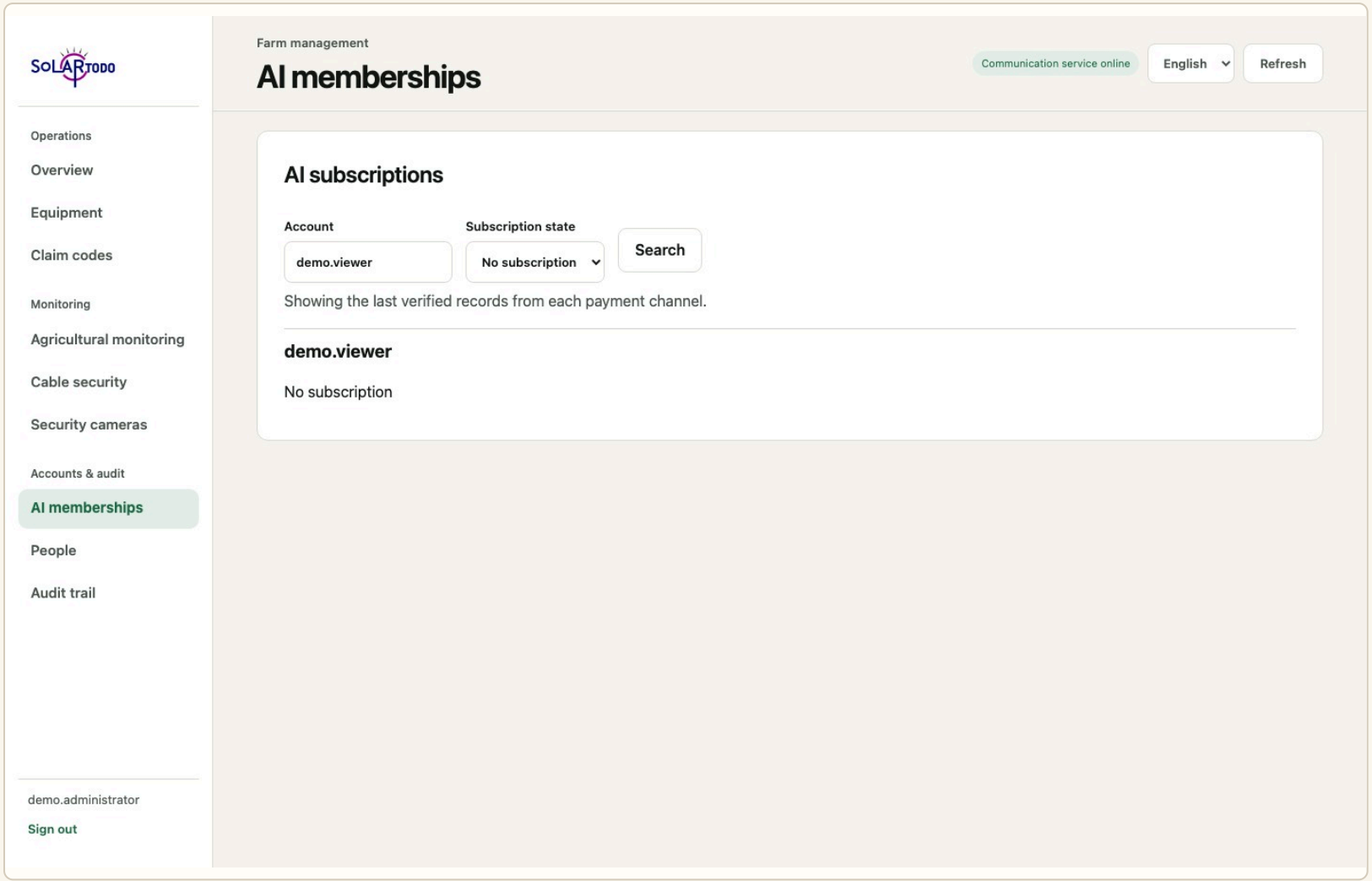
Before you begin

- Know the exact account name.
- The payment status is reported from the last provider verification.

TASK 22 · AI MEMBERSHIPS

Look up an AI subscription entitlement

Step 2 of 3



STEP 02

Compare an account without a subscription

Search the second training account and choose No subscription.

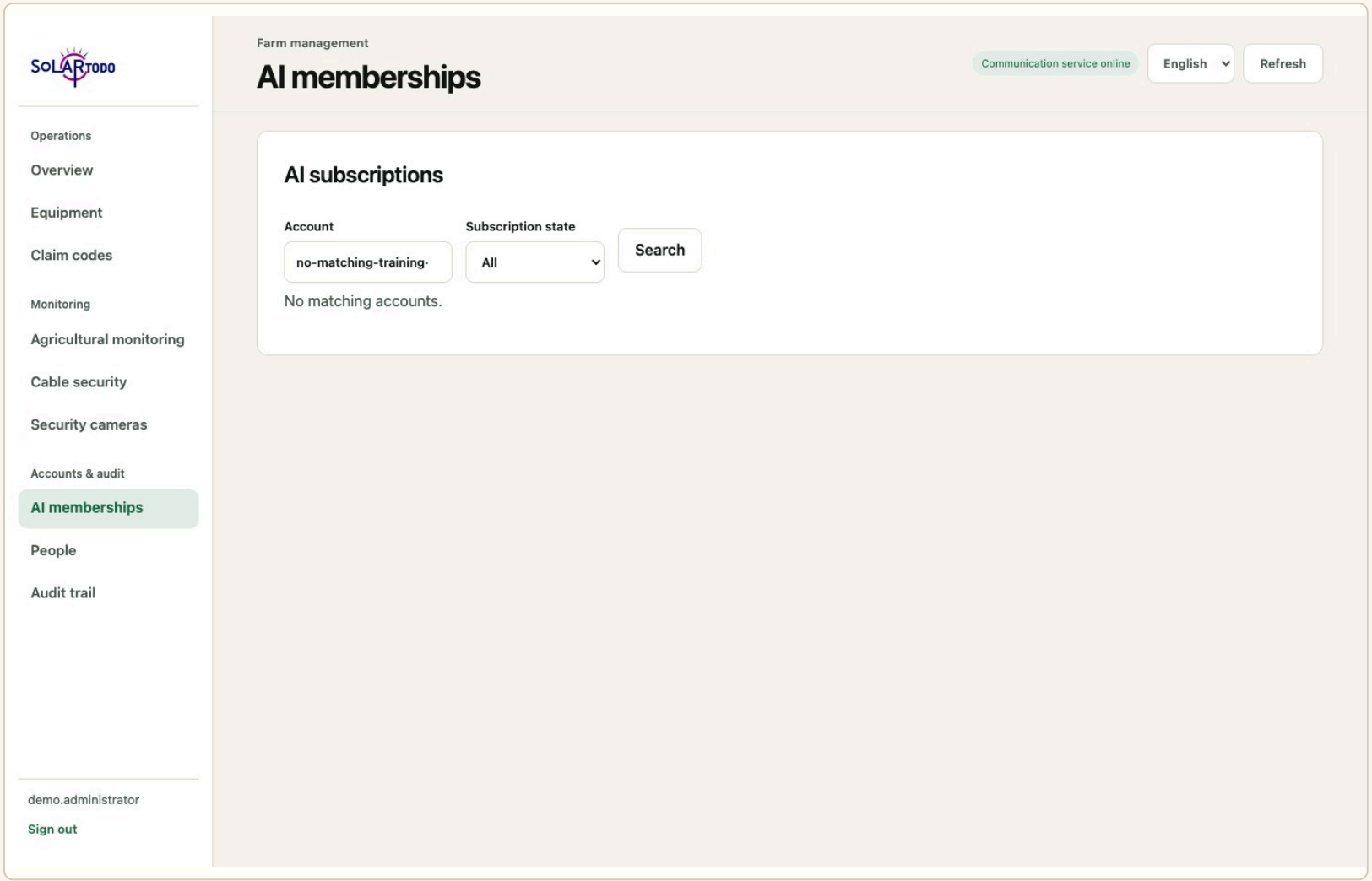
Check the result

No subscription is shown instead of assuming the account is eligible.

TASK 22 · AI MEMBERSHIPS

Look up an AI subscription entitlement

Step 3 of 3



STEP 03

Verify the no-match case

Search a username that does not exist in the training workspace.

Check the result

No matching accounts means the search/filter has no match; recheck the name and filters.

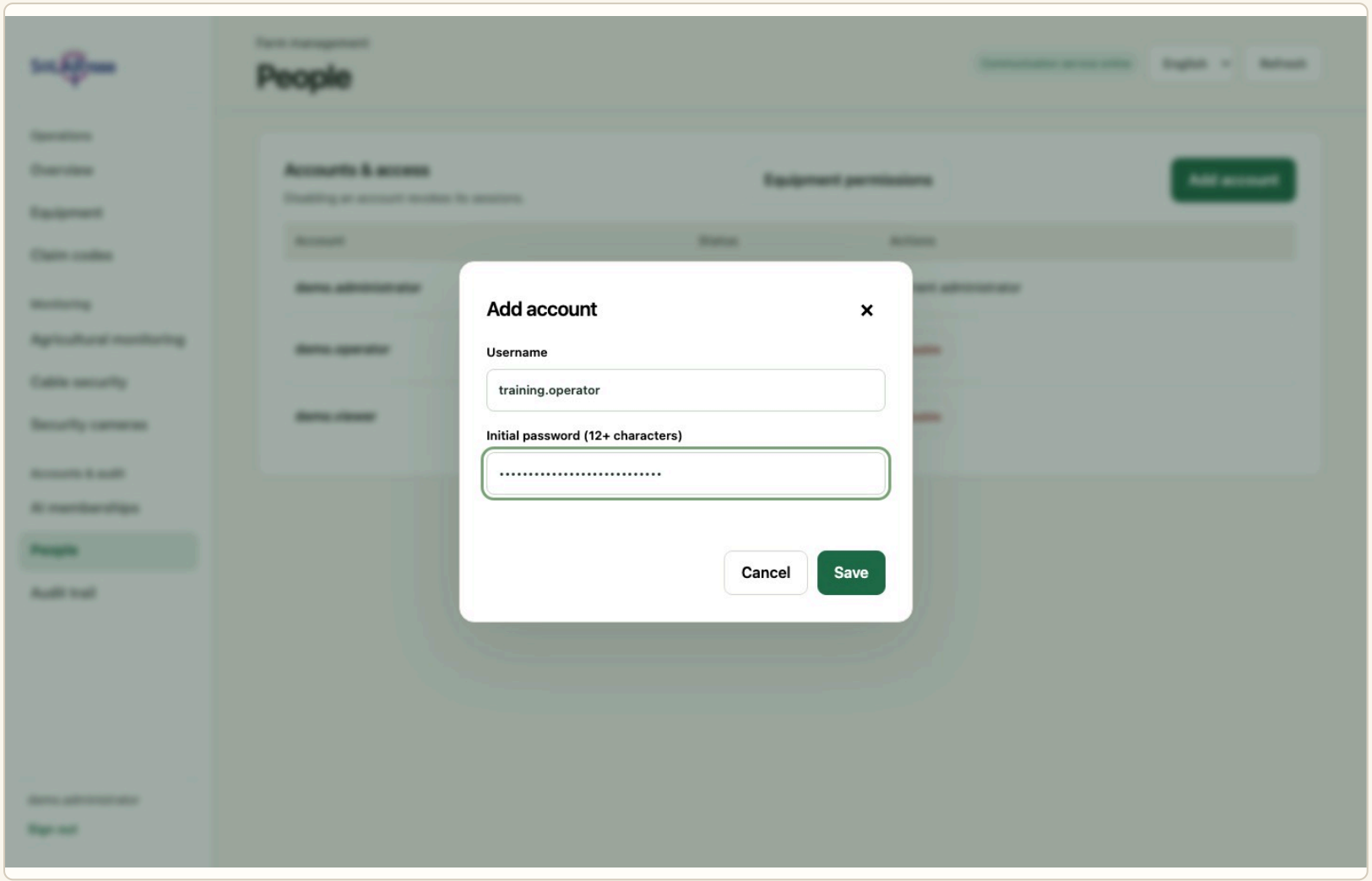
If the result differs

- If the entitlement does not match what the customer expects, compare Last verified and the billing provider.
- Do not request payment credentials in a support message.

TASK 23 · PEOPLE

Create an account, assign a machine role and disable access

Step 1 of 6



STEP 01

Create a user account

Select People then Add account. Fill the approved username and a temporary password that satisfies the length requirement.

Check the result

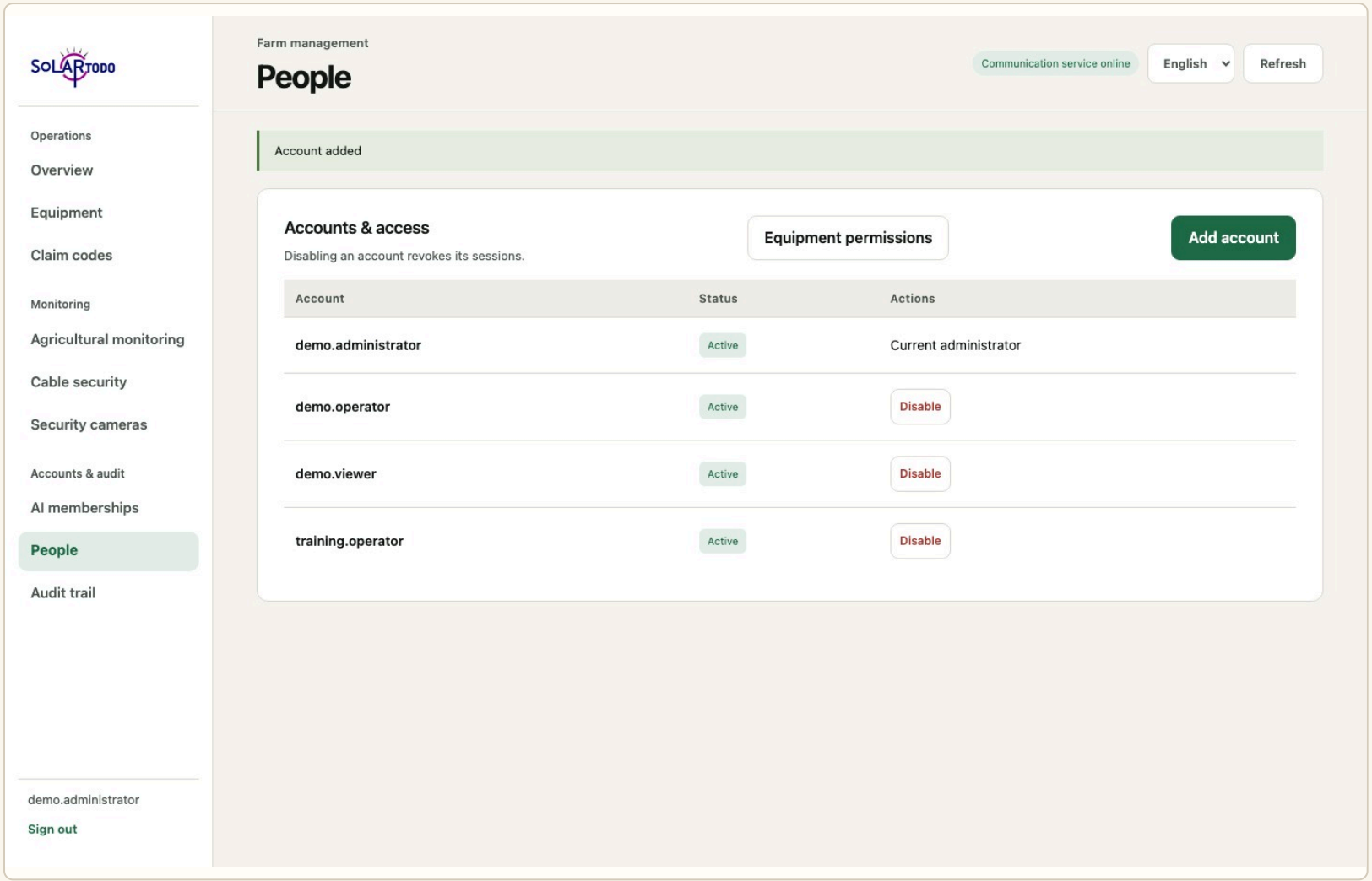
The password field is masked. Use your approved handoff for initial credentials.

Before you begin

- Use an approved account name and verify the equipment is bound.
- Know whether the person needs view-only, alarm-response or machine-operation access.

TASK 23 · PEOPLE

Create an account, assign a machine role and disable access



STEP 02

Check account status

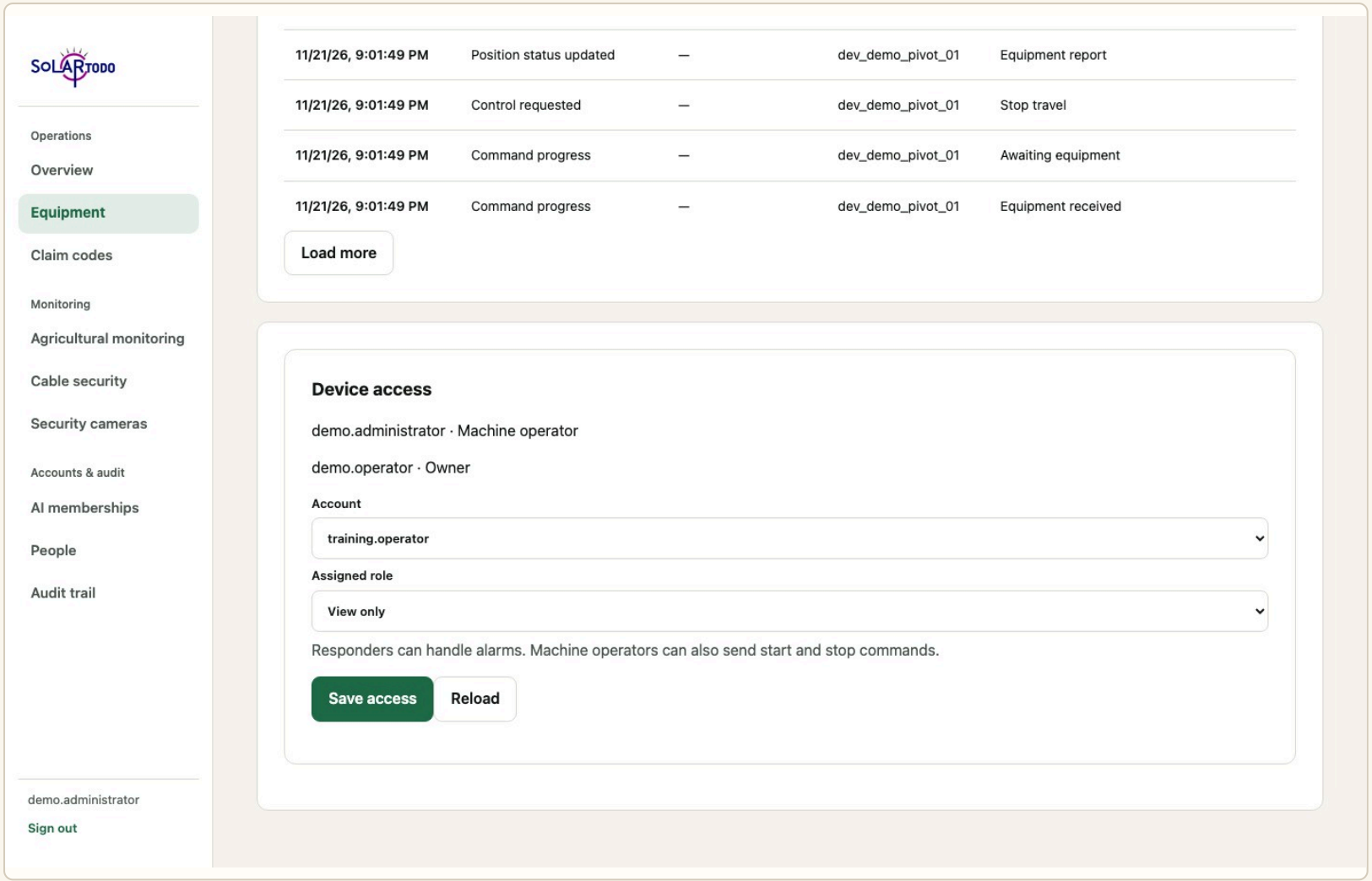
Save the account and look it up under Accounts & access.

Check the result

The new user is Active. Machine permissions are assigned separately.

TASK 23 · PEOPLE

Create an account, assign a machine role and disable access



STEP 03

Review the available machine roles

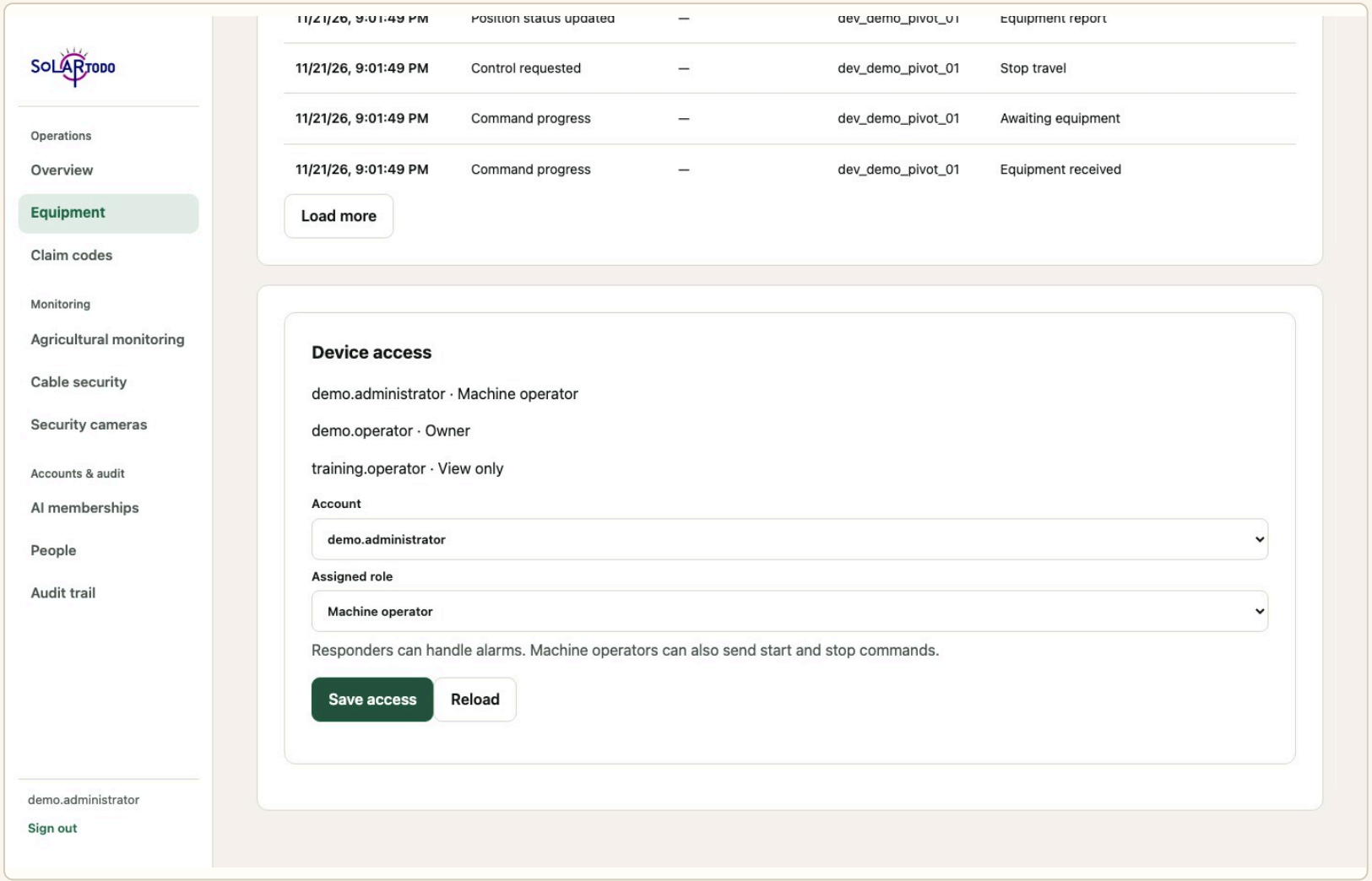
In Details scroll to Device access. Select the user and check the Assigned role options. Choose View only, Alarm responder or Machine operator as approved.

Check the result

Responders can handle alarms. Operators can also send authorized commands. The role here is per equipment.

TASK 23 · PEOPLE

Create an account, assign a machine role and disable access



STEP 04

Verify the role assignment

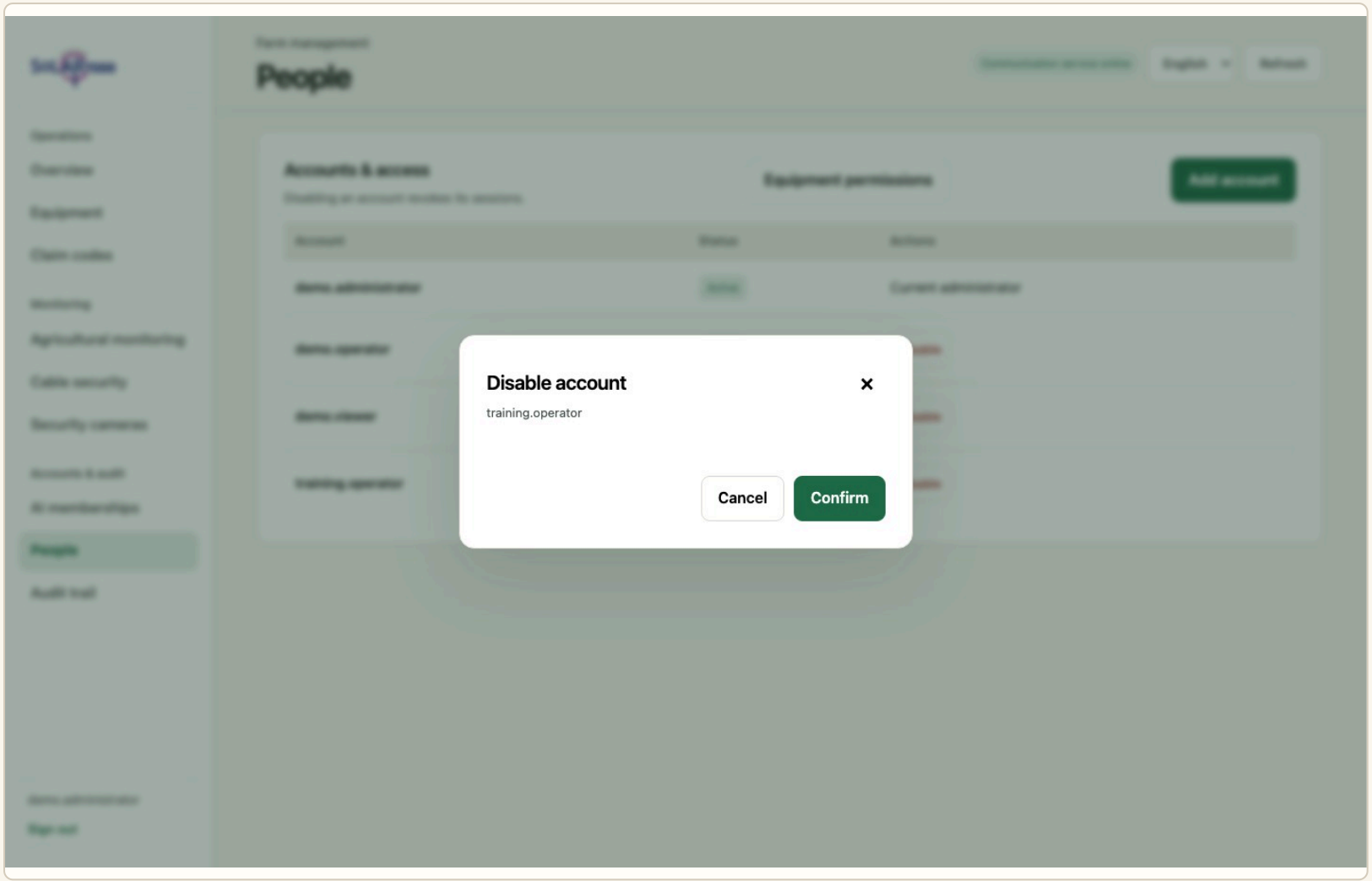
Select Save access, then read the saved role beside the selected user.

Check the result

The example shows the training user with View only for this pivot.

TASK 23 · PEOPLE

Create an account, assign a machine role and disable access



STEP 05

Review account disable

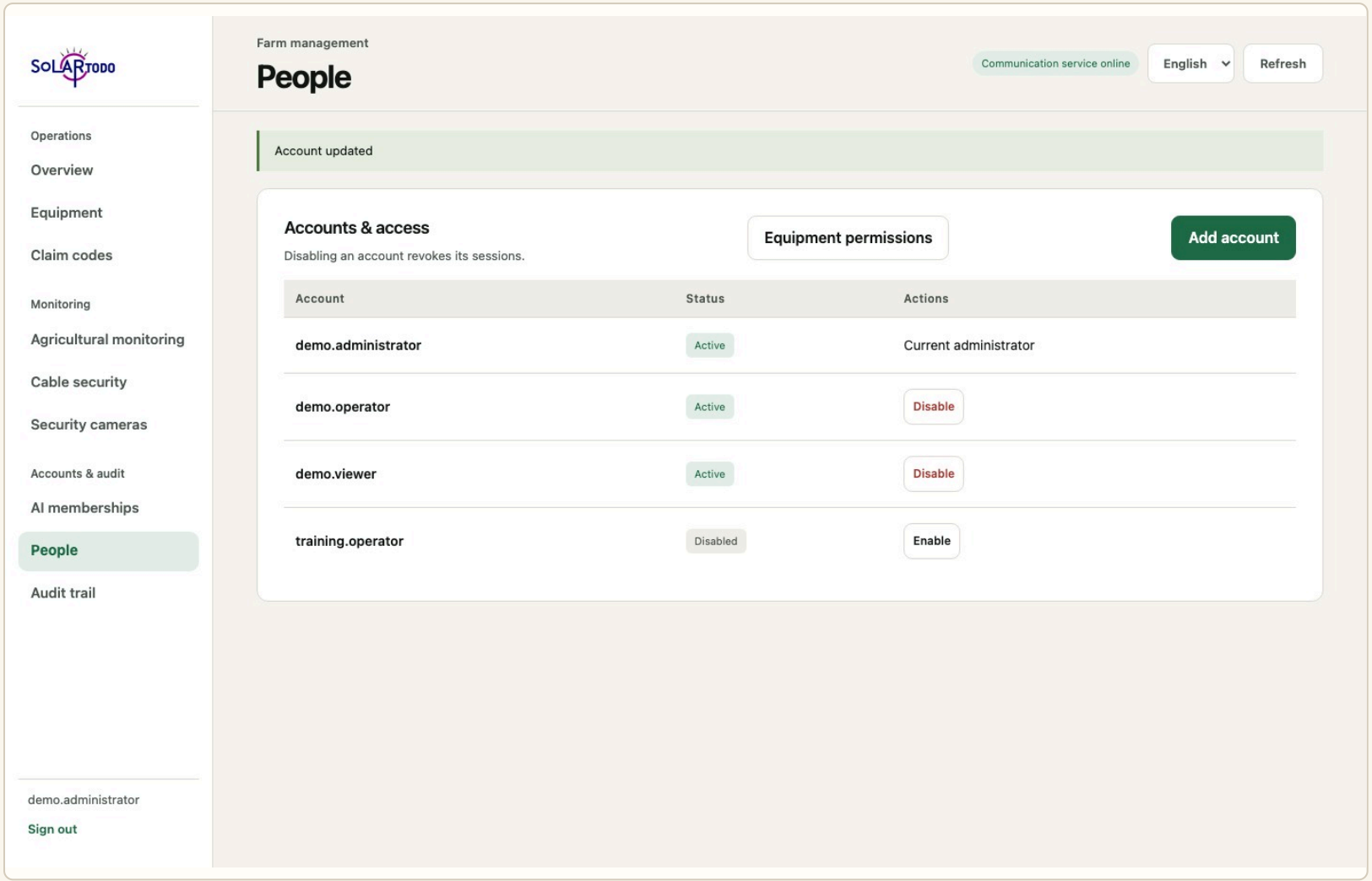
Under People select Disable beside the correct user and review the confirmation.

Check the result

Disabling an account revokes active login sessions.

TASK 23 · PEOPLE

Create an account, assign a machine role and disable access



STEP 06

Verify the disabled account

Confirm and read the updated state in the accounts table.

Check the result

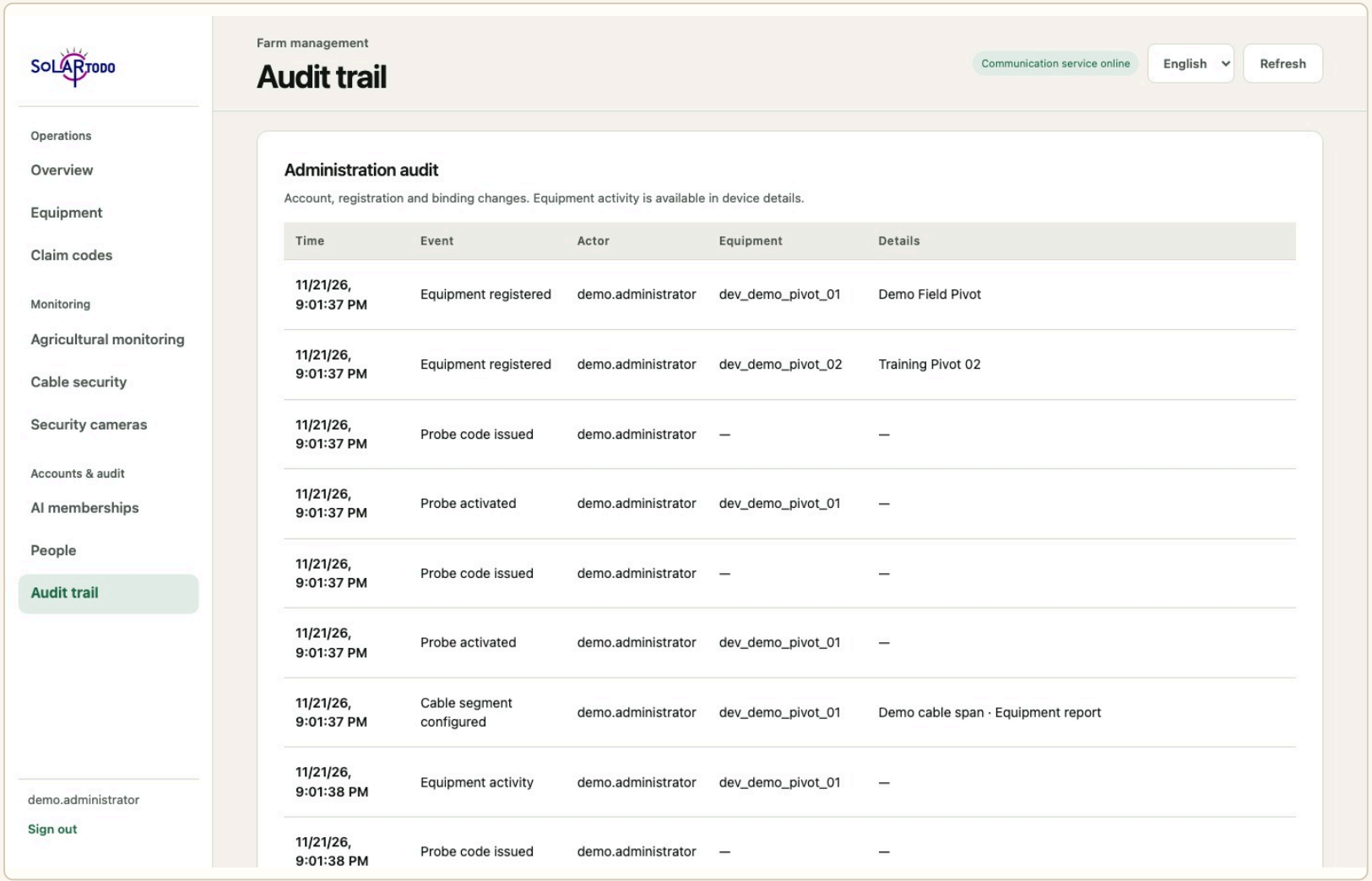
The Disabled status belongs to the intended training account.

If the result differs

- If Device access is unavailable, check that the equipment is bound.
- Changing a role affects the selected equipment. Disabling a user revokes their active login sessions.

TASK 24 · AUDIT TRAIL

Review the audit trail and distinguish equipment history



STEP 01

Open the administrative audit

Select Audit trail and review Time, Event, Actor, Equipment and Details.

Check the result

The top rows contain operations from this local training session.

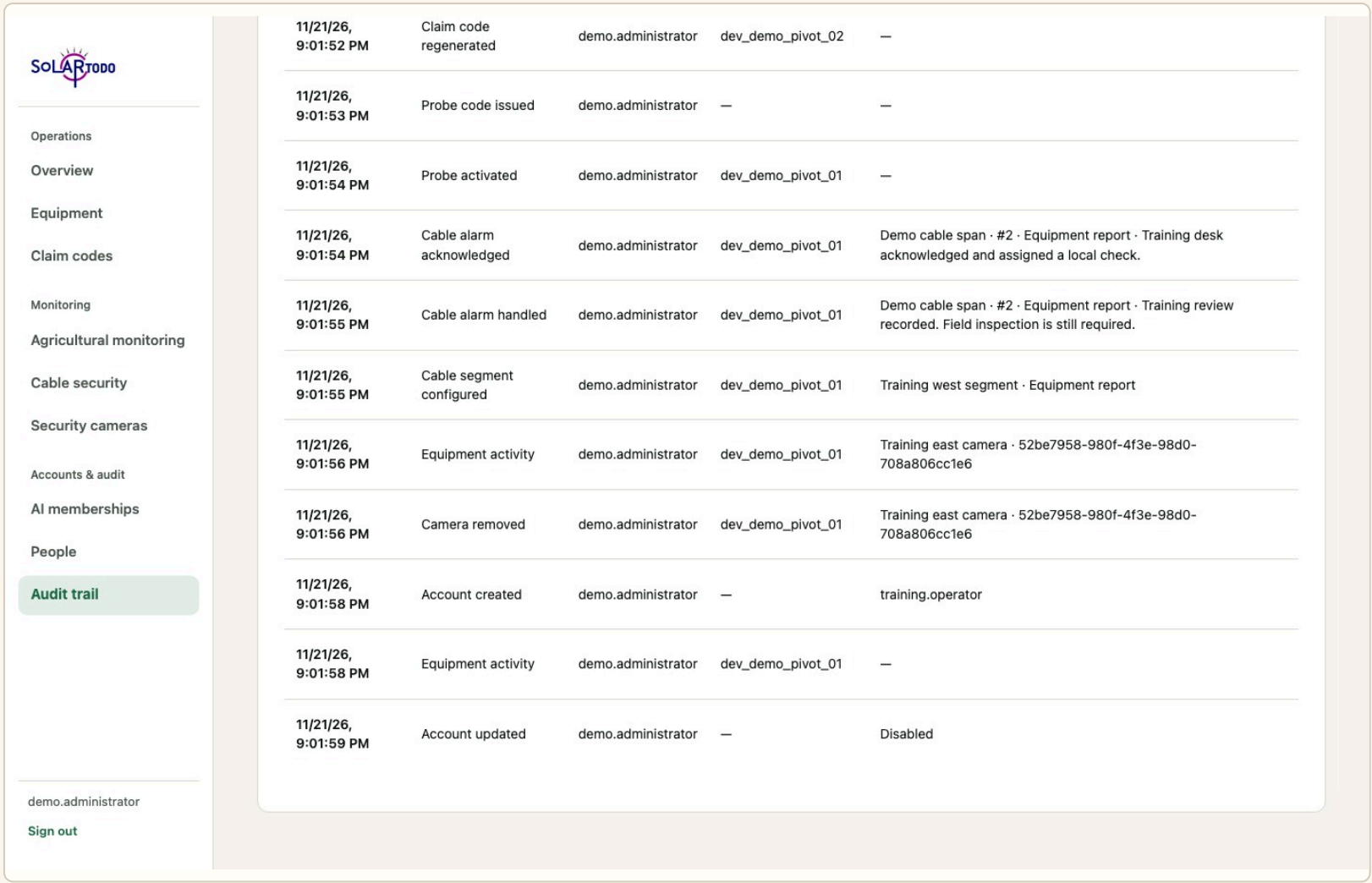
Before you begin

- Select the authorized administrator account.
- Know the affected machine, actor and approximate event time.

TASK 24 · AUDIT TRAIL

Review the audit trail and distinguish equipment history

Step 2 of 3



STEP 02

Trace a change

Match the event time and actor to the approved account or equipment change.

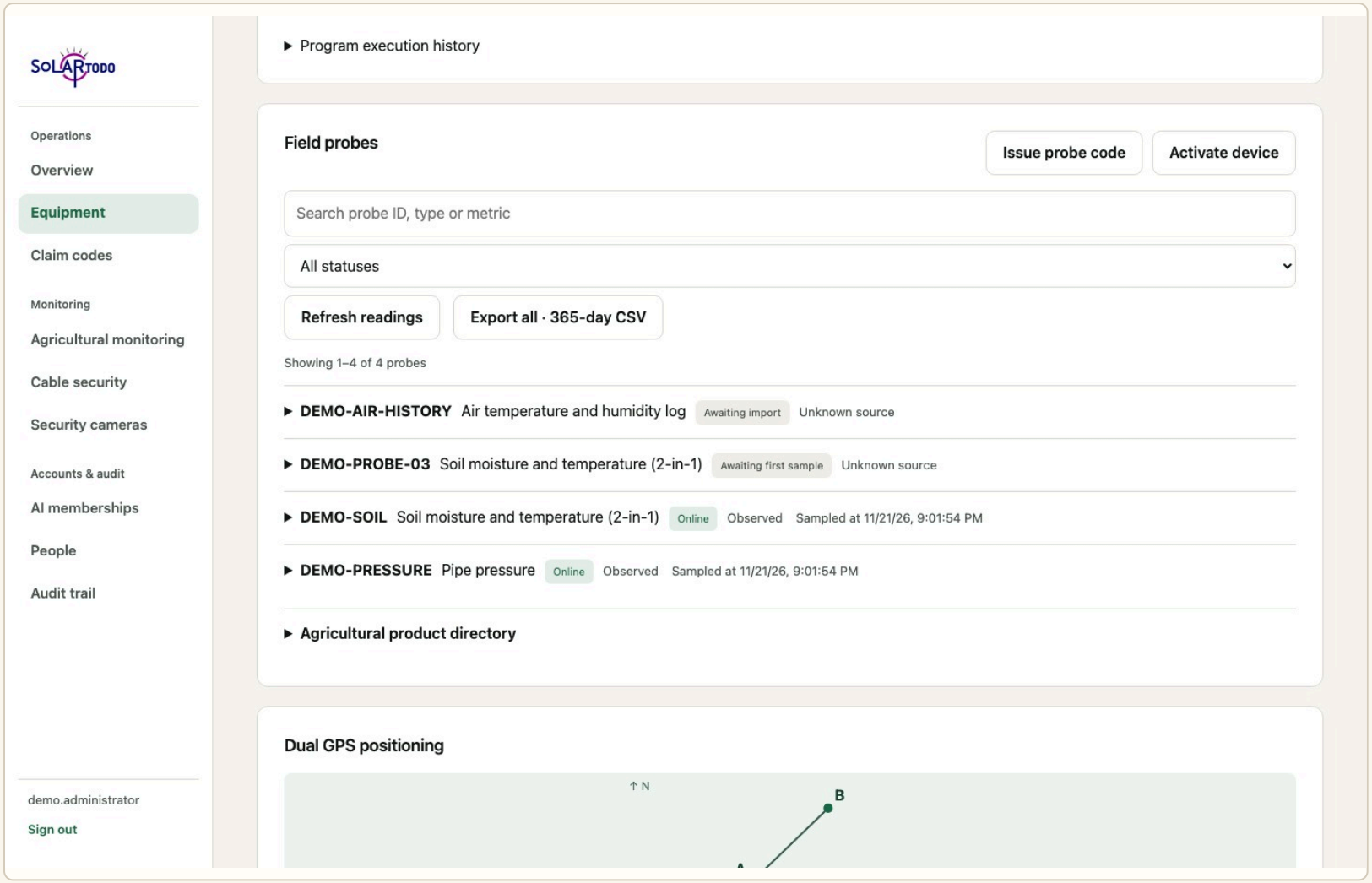
Check the result

Compare the event with the outcome shown in People or the equipment record.

TASK 24 · AUDIT TRAIL

Review the audit trail and distinguish equipment history

Step 3 of 3



STEP 03

Find the equipment-level record

Open Equipment, choose Details for the target machine and scroll to the activity section.

Check the result

Equipment-level entries show specific command and equipment results, including feedback where available.

If the result differs

- If the event is older, use Load more when available.
- For a start, stop or feedback event, open the corresponding equipment details.

TROUBLESHOOTING BY TASK

If the result differs

Keep the screen, equipment name and event time for follow-up.

Task	What to check
01 · Select a pivot and check its location	If the pivot is missing, ask your administrator to confirm assignment or issue a claim code. If the location is stale, read its timestamp and ask the site crew for the current position.
02 · Replay a recorded track and open the 3D view	If no trajectory is visible, choose a time range in which the selected pivot reported a usable fix. Return to the live tab before making a current-location decision.
03 · Start in reverse and verify the stop	If the confirmation names a different pivot, cancel and reselect the target. If a submitted command has no fresh returns, treat the actual state as unknown and contact the person at the machine.
04 · Read a control fault and return to manual control	Follow the site's operating procedure before any movement or reset. Do not assume a faulted command succeeded. Have the local operator verify actual state.
05 · Check main-water and end gun feedback	If a channel has no feedback, check the installation documentation and ask the site crew to verify that channel. Use a separate field observation or instrument to verify actual discharge.
06 · Edit and preview a work plan	If a field is restricted or the plan cannot be saved, read the validation hint and review the geometry and permissions. Use Cancel while reviewing if you do not want to save the changes.
07 · Check plan readiness, device revision and start feedback	If a revision is pending or GPS is unavailable, do not start the plan. Resolve the discrepancy and inspect the current machine report. A simulated boundary stop does not establish the field stopping distance. Confirm mechanical stop and distance on site.
08 · Activate a monitoring probe and verify its first report	Confirm which portal and machine should own the code. Ask for a new code if it was used or expired. Awaiting first report is a valid registration state. Confirm the site link and probe connection before declaring a fault.
09 · Choose a date range and download monitoring data	If a download is empty, try a range in which the selected probe actually reported. Import historical photos or files only for the designated file-backed monitoring item. Verify date and source after import.
10 · Acknowledge and handle a cable alert	If edit buttons are missing, check your permissions with an administrator. Handling an alert updates the workflow record. Ask the site team whether equipment has physically recovered.

TROUBLESHOOTING BY TASK

If the result differs

Keep the screen, equipment name and event time for follow-up.

Task	What to check
11 · Locate an authorized camera view or playback	If the list is empty, have the administrator check the camera assignment and your role. If a link opens but no image appears, check camera service credentials, network and browser support.
12 · Verify AI access and interpret a seven-day report	Refresh membership if a billing provider shows a different state. Use the original purchase channel for subscription changes. Treat missing coverage as missing data; compare unit, source and last-sample timestamp before acting on a trend.
13 · Claim a machine and review its equipment details	If a preview names the wrong machine, cancel without confirming. If a claim code is expired or already used, ask for a new code from the authorized administrator.
14 · Read Activity and change the display language	If no history is listed, check your equipment assignment and query an earlier period if available. If the language selection does not persist, reopen Settings and verify the device storage policy.
15 · Read the overview and open the right machine	If a monitoring count is unavailable, reopen Overview or use the related module. For an offline or stale machine, compare Last contact and the receiver timestamps with a local observation.
16 · Register equipment and inspect installation data	If the ID already exists, find the equipment in inventory and check ownership before editing. If the installation record changed, reopen it and compare the current values.
17 · Edit, send and verify an irrigation program	If the report is stale, reconnect and compare the revisions again. If the revisions differ, investigate before starting the new plan. Saving and sending are separate steps.
18 · Issue a replacement claim code and verify ownership	The previous code stops working when a replacement is issued. Have the owner use the new code. If a machine is already bound, use View owner to confirm the current binding before changing access.
19 · Provision a probe, review readings and export data	A registered probe can be Awaiting first report until it sends a sample. If address or setup conflicts, review the physical installation and the registered settings before retrying. Use the supplied CSV template and UTC sample times for imported history.
20 · Review cable segments and process an alarm	Acknowledged and Handled reflect staff workflow. Active and Recovered reflect the condition. An external read-only alert feed cannot change the owner’s alarm status.

TROUBLESHOOTING BY TASK

If the result differs

Keep the screen, equipment name and event time for follow-up.

Task	What to check
21 · Register, link and remove a security camera	Connection unverified means the listing alone did not prove viewer access. Confirm camera permissions and the network link directly with the site owner.
22 · Look up an AI subscription entitlement	If the entitlement does not match what the customer expects, compare Last verified and the billing provider. Do not request payment credentials in a support message.
23 · Create an account, assign a machine role and disable access	If Device access is unavailable, check that the equipment is bound. Changing a role affects the selected equipment. Disabling a user revokes their active login sessions.
24 · Review the audit trail and distinguish equipment history	If the event is older, use Load more when available. For a start, stop or feedback event, open the corresponding equipment details.