

# UTM WITH UTD22 INSTALLATION: ASSET CREATION

## TRANSCEND TRAINING GUIDE

Customer Use

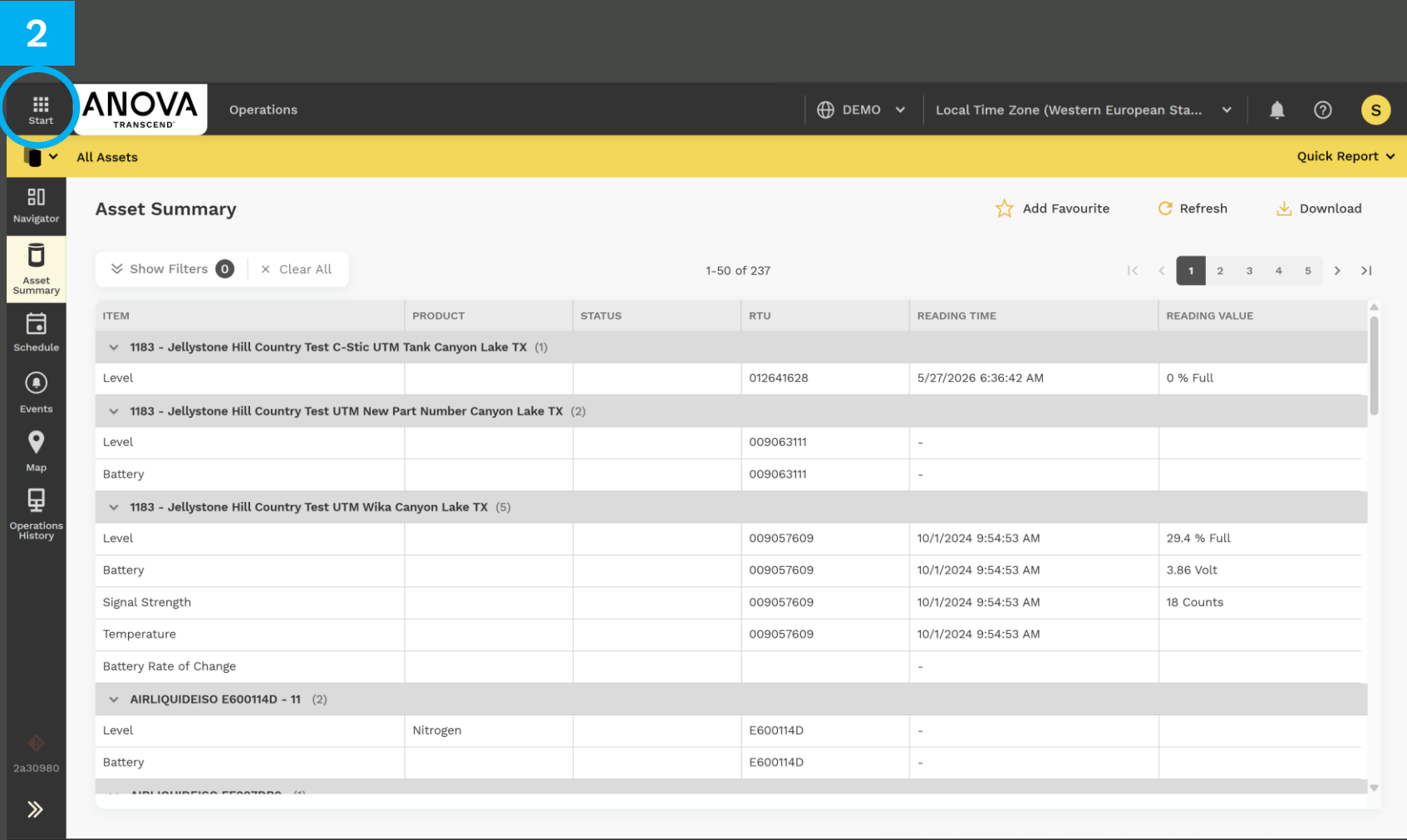
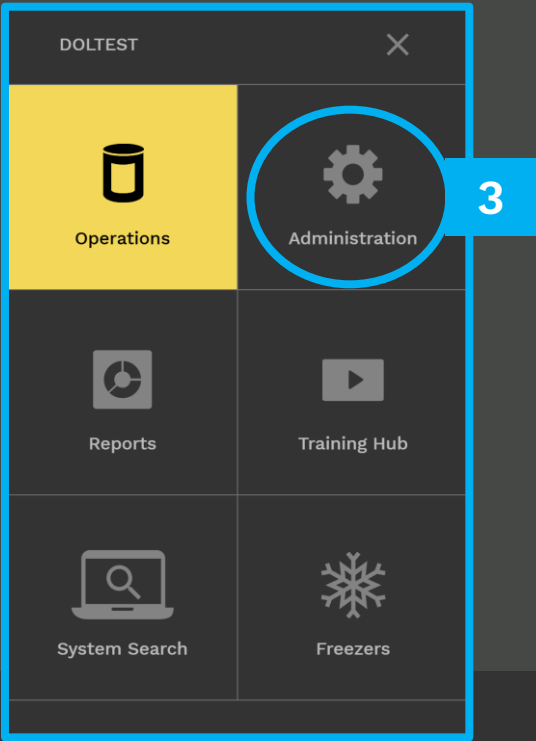


# TRANSCEND: ASSET CREATION

1 – Log in to Transcend Platform.

2 – Click on START menu on the top-left corner

3 – A pop-up window will appear. Select the ADMINISTRATION menu.



# TRANSCEND: CHANNEL B CREATION

- 4 – Select the RTU Page.
- 5 – Type the RTU (device) ID number in the search field box.
- 6 – Click on APPLY.
- 7 – Click on the device ID to open the RTU editor.

Start

ANOVA  
TRANSCEND

Administration

Configure

Asset

Data Channel

**RTU**

Site

Tank Dimension

Product

Poll Schedule

Group

Tree

Global

Events

User

a5ad190

<<

RTU Manager

5

6

Filter By

RTU

030026247

Apply

Categories

SMS, Modbus, Clover, File, 400 Series, Utm, Rtm

Group By

Customer Name

Refresh

Download

Add RTU

1-1 of 1

|                          | DEVICE ID ↑ | NETWORK ADDRESS | CARRIER | RTU CHANNEL COUNT | DATA CHANNEL COUNT | SITE INFORMATION                         | LAST COMM DATE       | SYNC FAILURE | SYN STAT |
|--------------------------|-------------|-----------------|---------|-------------------|--------------------|------------------------------------------|----------------------|--------------|----------|
| Anova                    |             |                 |         |                   |                    |                                          |                      |              |          |
| <input type="checkbox"/> | 030026247   |                 | Unify   | 19                | 0                  | Av. Cónego Urbano Duarte, nº 65, Coimbra | 8/31/2026 1:00:35 AM | Yes          | No       |

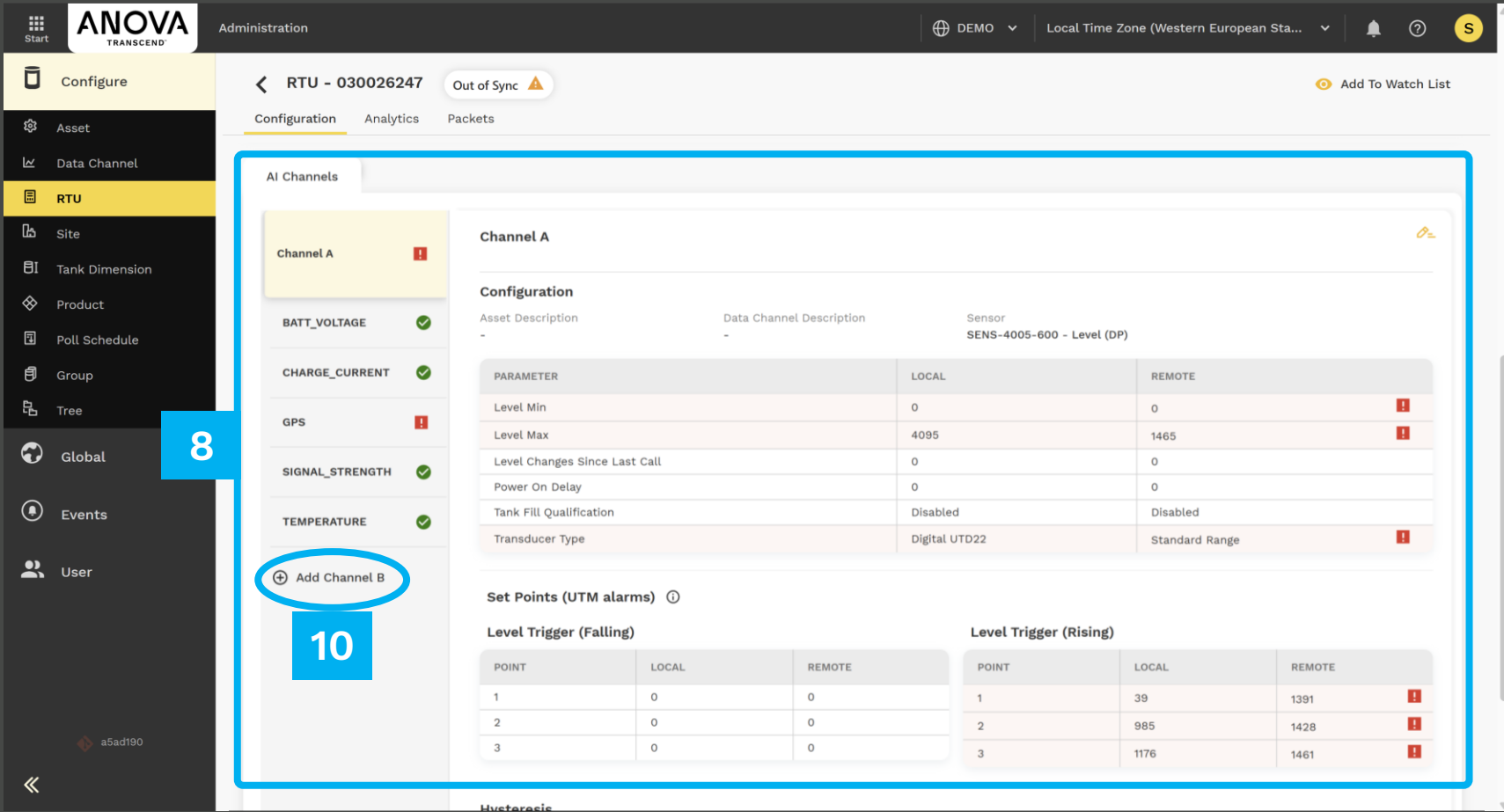
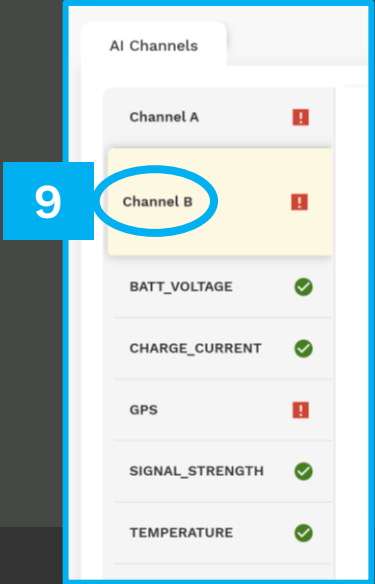
7

# TRANSCEND: CHANNEL B CREATION

8 – The RTU editor will open. Scroll down until the AI channels section.

9 – Channel B should appear underneath Channel A. If you cannot see channel B in the AI channels section, follow steps 10 to 12.

10 – This device not have channel B created to read the pressure reading. Click on “Add Channel B”.



# TRANSCEND: CHANNEL B CREATION

11 – A message in color green showing “Changes saved successfully” will appear at the top of the page.

12 – Channel B has been created successfully and is now shown available in the list of AI channels.

11

ANOVA  
TRANSCEND

Administration

Start

Configure

Asset

Data Channel

RTU

Site

Tank Dimension

Product

Poll Schedule

Group

Tree

Global

Events

User

a5ad190

RTU - 030026247

Out of Sync

Configuration

Analytics

Packets

AI Channels

Channel A

Channel B

BATT\_VOLTAGE

CHARGE\_CURRENT

GPS

SIGNAL\_STRENGTH

TEMPERATURE

Channel B

Configuration

Asset Description

Data Channel Description

Sensor

None

| PARAMETER                     | LOCAL    | REMOTE |
|-------------------------------|----------|--------|
| Level Min                     | 0        | -      |
| Level Max                     | 100      | -      |
| Level Changes Since Last Call | 0        | -      |
| Power On Delay                | 0        | -      |
| Tank Fill Qualification       | Disabled | -      |
| Transducer Type               | Passive  | -      |

Set Points (UTM alarms)

Level Trigger (Falling)

| POINT | LOCAL | REMOTE |
|-------|-------|--------|
| 1     | 30    | N/A    |
| 2     | 15    | N/A    |
| 3     | 0     | N/A    |

Level Trigger (Rising)

| POINT | LOCAL | REMOTE |
|-------|-------|--------|
| 1     | 100   | N/A    |
| 2     | 0     | N/A    |
| 3     | 0     | N/A    |

Changes saved successfully

DEMO

Local Time Zone (Western European Sta...

Add To Watch List

# TRANSCEND: ASSET CREATION

13 – Select the Asset Page.

14 – Click on QUICK ADD button on the top-right corner.

15 – Select the option “Tank”.

Start

ANOVA  
TRANSCEND

Administration

DEMO

Local Time Zone (Western European Sta...

14

S

Configure

Asset

13

Data Channel

RTU

Site

Tank Dimension

Product

Poll Schedule

Group

Tree

Global

Events

User

2a30980

<<

Asset Configuration Manager

Refresh

Download

Add

14

Quick Add

15

Tank

Filter By

Asset Title

Enter Asset Title

Apply

Show Templates Only

Bulk Actions

1-6 of 6

1

|                          | DESCRIPTION ↑ | RTU      | SITE INFORMATION                                                               | PRODUCT | DATA CHANNELS |     |
|--------------------------|---------------|----------|--------------------------------------------------------------------------------|---------|---------------|-----|
| ANOVA New Jersey         |               |          |                                                                                |         |               |     |
| <input type="checkbox"/> | Tank A        |          | 10 Cottage St, Berkeley Heights, NJ, USA                                       | CO2     | 1             | ... |
| <input type="checkbox"/> | Tank B        |          | 418 Mt Hunger Rd, Henniker, NH, USA                                            |         | 0             | ... |
| <input type="checkbox"/> | Tank C        |          | 4 Proctor St, Manchester-by-the-Sea, MA 01944, Manchester-by-the-Sea, Portugal |         | 0             | ... |
| <input type="checkbox"/> | Tank D        | FF800108 | 10 Cottage St, Berkeley Heights, NJ, USA                                       | CO2     | 1             | ... |
| ANOVA Coimbra            |               |          |                                                                                |         |               |     |
| <input type="checkbox"/> | Tank 1        | FF800108 | Praceta Falcão Resende, 2 - 1 Esq, Coimbra, Portugal                           | CO2     | 2             | ... |
| <input type="checkbox"/> | Tank 2        |          | Praceta Falcão Resende, 2 - 1 Esq, Coimbra, Portugal                           | Oxygen  | 1             | ... |

# TRANSCEND: ASSET CREATION

**16** – The page “Add Tank Asset” will open.

**17** – On section “Asset Information”, you will need to provide the Site location and the Tank Description.

**18** – Add the Site info. If existing site type in the field box to search. If new location, click on “Add” next to “Site”.

**19** – Type the Tank Title / Asset Name.

**20 – (OPTIONAL)** For the Asset to appear as a template option in the Field IG APP during a new installation, please enable the template option.

**21** – On section “Tank Details”, you’ll need to provide the UTM Serial Number, Tank Type, Level sensor and channel, Pressure sensor and channel, Maximum Tank Capacity and Product Type.

The screenshot displays the 'Add Tank Asset' form in the ANOVA Transcend Administration interface. The form is divided into two main sections: 'Asset Information' and 'Tank Details'. A left sidebar contains navigation options like 'Configure', 'Asset', 'Data Channel', 'RTU', 'Site', 'Tank Dimension', 'Product', 'Poll Schedule', 'Group', 'Tree', 'Global', 'Events', and 'User'. The top navigation bar includes the ANOVA logo, 'Administration', and a 'DEMO' button. The form includes fields for Site, Description, Is Template?, Branch, Field1, RTU, Level Sensor, Pressure Sensor, Level Channel, Pressure Channel, Tank Type, Max Product Capacity, and Product. A diagram of a tank is shown at the bottom of the Tank Details section.

**16** – The page “Add Tank Asset” will open.

**17** – On section “Asset Information”, you will need to provide the Site location and the Tank Description.

**18** – Add the Site info. If existing site type in the field box to search. If new location, click on “Add” next to “Site”.

**19** – Type the Tank Title / Asset Name.

**20 – (OPTIONAL)** For the Asset to appear as a template option in the Field IG APP during a new installation, please enable the template option.

**21** – On section “Tank Details”, you’ll need to provide the UTM Serial Number, Tank Type, Level sensor and channel, Pressure sensor and channel, Maximum Tank Capacity and Product Type.

# TRANSCEND: ASSET CREATION

- 22 – In the “RTU” field box, type the UTM Serial Number and select the correct option.
- 23 – Select the Tank Type.
- 24 – In the “Level Sensor” field box, type “UTM UTD22 – SENS-4005-600 – Level (DP)” and select the correct option.
- 25 – In the “Level Channel” field box, select option “A”.
- 26 – Type the Product Maximum Capacity (in units: in WC).
- 27 – In the “Pressure Sensor” field box, type “UTM UTD22 – SENS-4005-600 – Pressure (P)” and select the correct option.
- 28 – In the “Pressure Channel” field box select option “B”.
- WARNING:** If channel B does not appear available to choose for the Pressure sensor, please see steps 4 to 12 to create channel B manually.
- 29 – Select the Product or create a new one.

ANOVA  
TRANSCEND

Administration

Start

DEMO

Local Time Zone (Western European Sta...

Download instructions

Cancel

Save & Close

Configure

Asset

Data Channel

RTU

Site

Tank Dimension

Product

Poll Schedule

Group

Tree

Global

Events

User

2a30980

Add Tank Asset

Tank Details

RTU

030026247

Level Sensor

UTM UTD22 - SENS-4005-600 - Level ...

Pressure Sensor

UTM UTD22 - SENS-4005-600 - Press...

Level Channel

A (not in use)

Pressure Channel

B (not in use)

Max Product Capacity (Ins WC)

47

Product

Nitrogen

Set Tank Dimensions (volumetric)

Tank Type

Vertical with 2:1 Ellipsoidal Ends



Events

Event Rule Group

Standard Event Rule Group

Reorder (Ins WC)

14

Critical (Ins WC)

9

Integration Parameters (FTP)

Asset Integration ID

Domain

Select

| DATA CHANNEL          | ENABLE INTEGRATION       | AUTO-GENERATE INTEGRATION ID | DATA CHANNEL INTEGRATION ID |
|-----------------------|--------------------------|------------------------------|-----------------------------|
| Level Data Channel    | <input type="checkbox"/> |                              | Enter Integration ID...     |
| Pressure Data Channel | <input type="checkbox"/> |                              | Enter Integration ID...     |

# TRANSCEND: ASSET CREATION

**30 (OPTIONAL) – RECOMMENDED:**

In the “Events” section, select the correct option for the “Event Rule Group”.

**31 (OPTIONAL) – RECOMMENDED:**

Set up:

- Reorder Alarm
- Critical Alarm

**32 (OPTIONAL) – RECOMMENDED:**

Click on “Save & Close” button in the top-right corner.

**NOTE:** After the asset is created, go to the Level data channel to finish activating the Level alarms.

ANOVA  
TRANSCEND

Administration

Start

Configure

**Asset**

Data Channel

RTU

Site

Tank Dimension

Product

Poll Schedule

Group

Tree

Global

Events

User

2a30980

<<

DEMODO

Local Time Zone (Western European Sta...

?

S

<

Add Tank Asset

Download instructions

Cancel

**Save & Close**

Events

Event Rule Group

Standard Event Rule Group

Reorder (Ins WC)

14

Critical (Ins WC)

9

Integration Parameters (FTP)

Asset Integration ID

Domain

Select

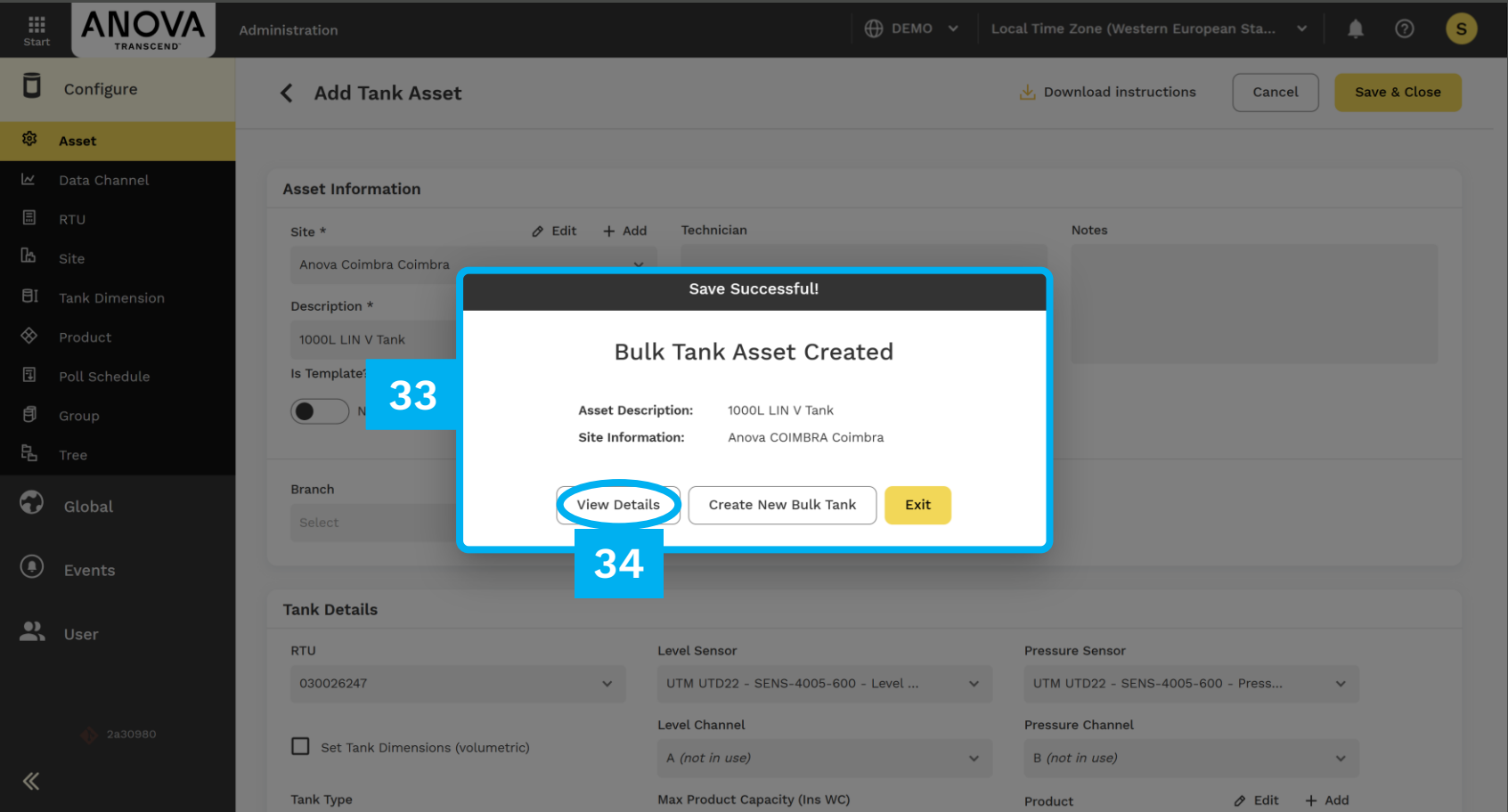
| DATA CHANNEL          | ENABLE INTEGRATION       | AUTO-GENERATE INTEGRATION ID | DATA CHANNEL INTEGRATION ID |
|-----------------------|--------------------------|------------------------------|-----------------------------|
| Level Data Channel    | <input type="checkbox"/> |                              | Enter Integration ID...     |
| Pressure Data Channel | <input type="checkbox"/> |                              | Enter Integration ID...     |

# TRANSCEND: ASSET CREATION

**33** – A pop-up window will appear stating that the asset has been created.

**34** – Set up: Click “View Details” to view the Asset.

**NOTE:** After the asset is created, go to the Level data channel to finish activating the Level alarms.

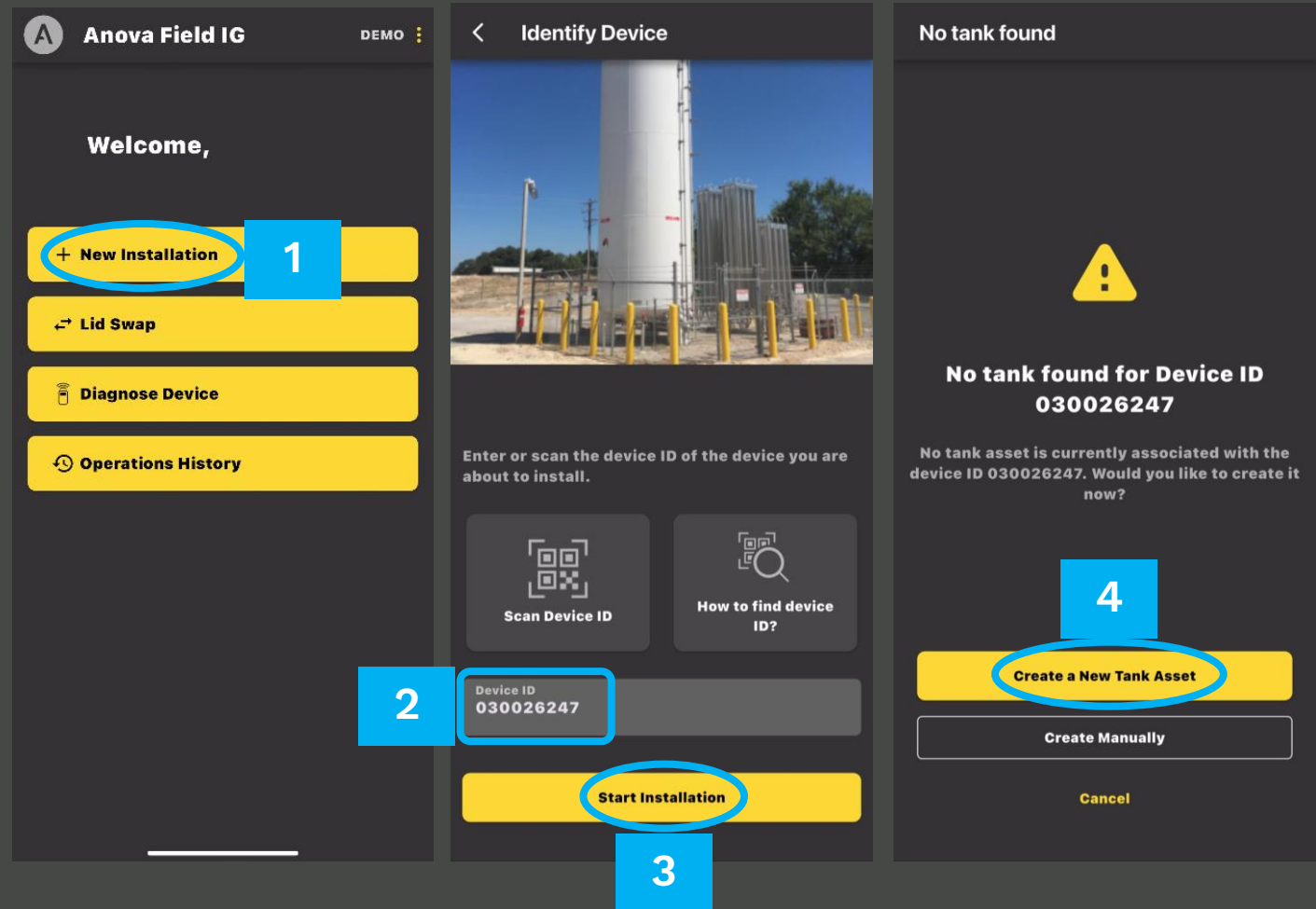


# FIELD IG APP: ASSET CREATION

You can also create a new asset by using the Field IG app instead of the Transcend Platform:

- 1 – Open the Anova Field IG App. On the Main Menu, click on the NEW INSTALLATION button to create a new Asset (tank).
- 2 – Insert the UTM Serial Number in the DEVICE ID field box.
- 3 – Click on START INSTALLATION button.
- 4 – Click on START INSTALLATION button. The APP will search for the Device ID and if any assets (tanks) are already associated with it.

In this example, no tanks were found for this Device ID. Click on CREATE A NEW TANK ASSET.



# FIELD IG APP: ASSET CREATION

**5** – To create a new tank, you'll need to select an Asset Template similar to your tank type and tank capacity/size, using the same device type.

**WARNING:** The asset template must be created in Transcend Web portal prior to using the Field IG APP.

**NOTE:** If no Asset Template is available, you can create the new asset manually.

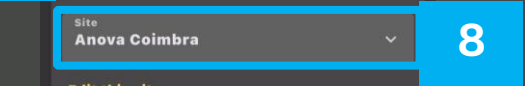
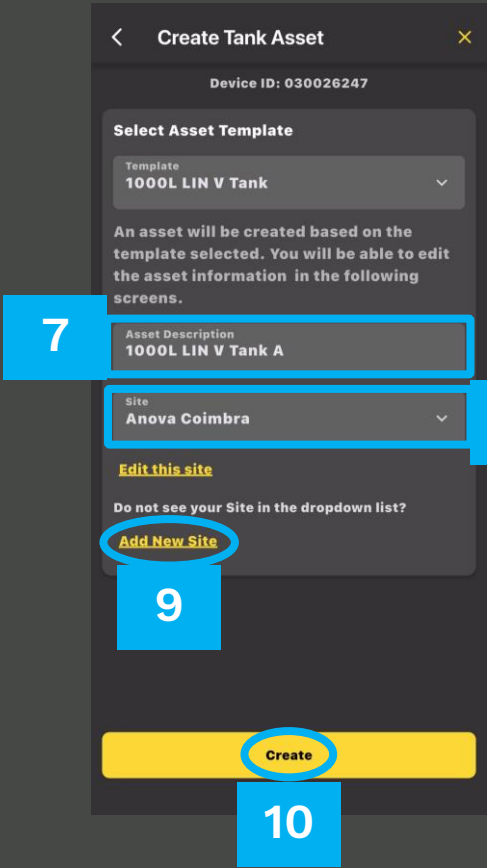
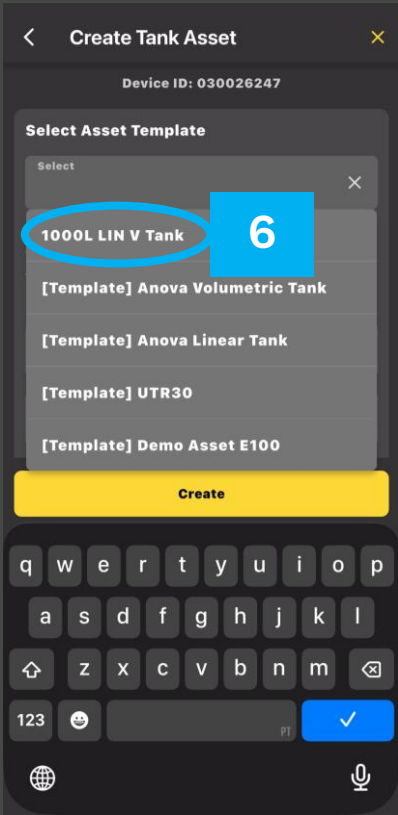
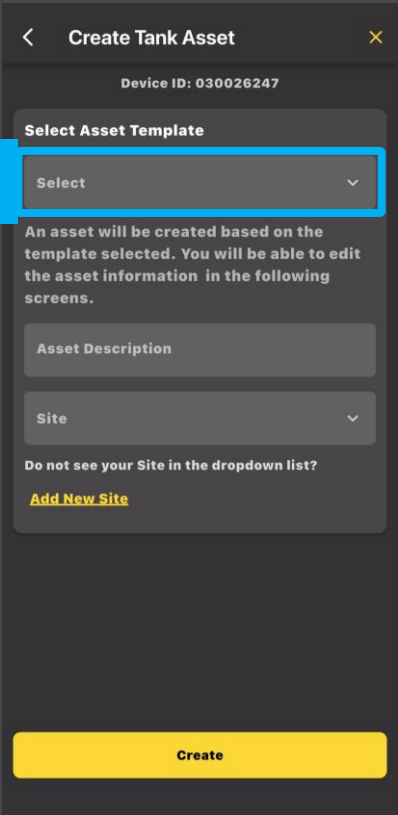
**6** – Select the correct ASSET TEMPLATE (closest to your tank type and its tank capacity/size) from the list of templates available.

**7** – Type the ASSET DESCRIPTION (Tank Title).

**8** – Select the SITE from the list of sites available.

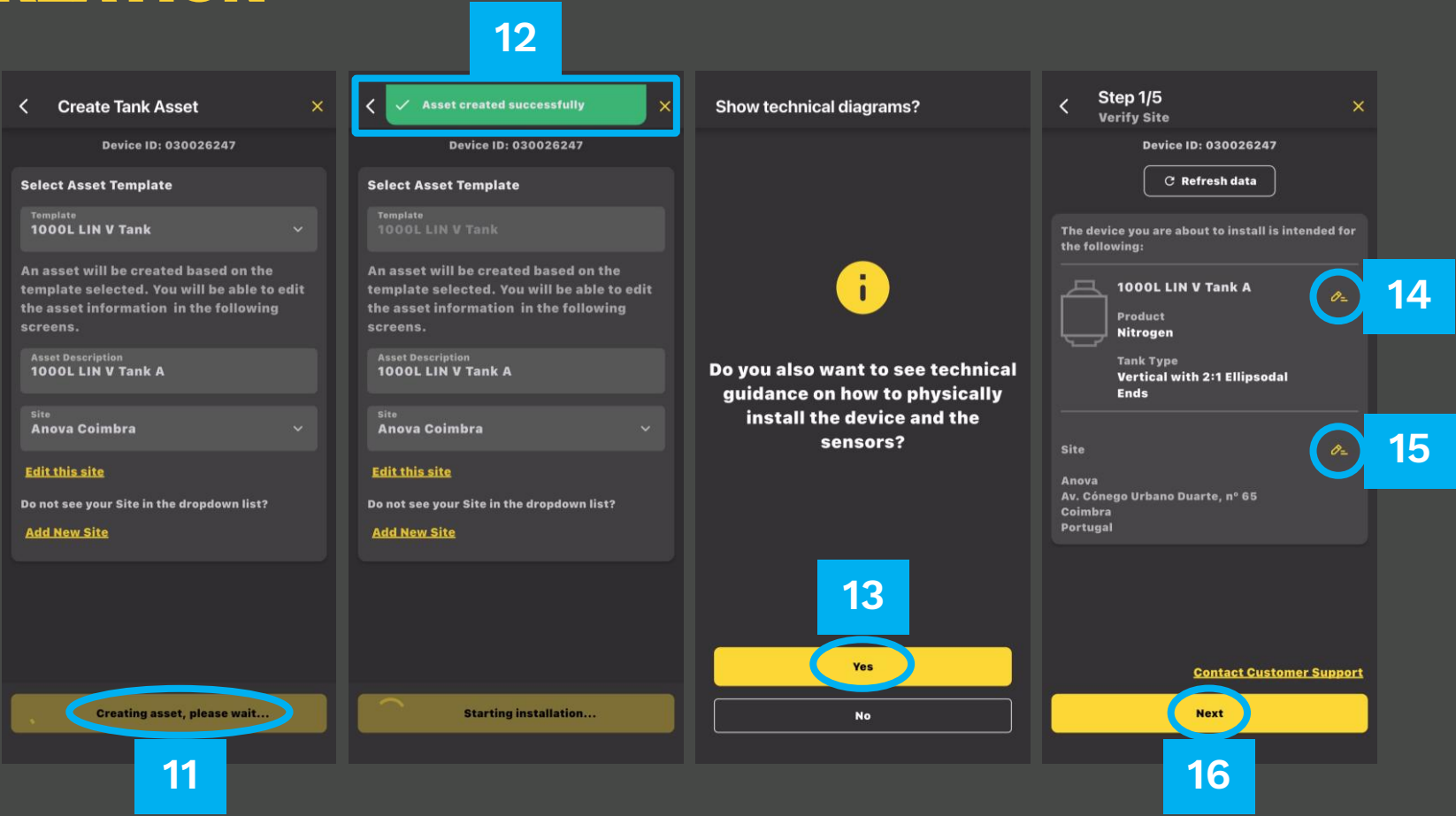
**9** – If the SITE does not show in the list of options available, click on ADD NEW SITE to create this new location.

**10** – Click on CREATE.



# FIELD IG APP: ASSET CREATION

- 11 – This step will take a few seconds (20 to 30 seconds) to create the asset.
- 12 – A message in color green stating “Asset created successfully” will appear at the top of the page.
- 13 – (OPTIONAL) An option will appear for technical guidance on how to physically install the device and the sensor. Click YES to confirm.
- 14 – Verify the Tank information. Click on the pencil icon next to the Asset description to edit.
- 15 – Verify the Site information. Click on the pencil icon next to the Site description to edit.
- 16 – Click on NEXT.



# FIELD IG APP: ASSET CREATION

17 – Connect the UTD22 sensor to port A on the UTM. When complete, enable “Connect Sensor”.

18 – (OPTIONAL) Click on “VIEW DIAGRAM” for technical guidance on how to physically connect the sensor to the device.

19 – (OPTIONAL) Click on “ADD PHOTOS” to add any photos of the physical installation.

20 – Click on NEXT.

21 – Verify the Level channel information.

22 – Verify the Pressure channel information.

23 – Click on NEXT.

24 – Follow the steps in the APP to activate the UTM with the activation wand (blue magnet).

25 – When activation is finished, select “Completed”.

26 – Click on NEXT.

Step 2/5  
Connect Sensor Cables

Device ID: 030026247

1. Connect Sensor

On port: A



View Diagram

Installation Photos

Please upload pictures of the sensors you have installed. Make sure sensor part number and port connection are visible.

Add Photos

Next

Step 3/5  
Verify Sensor Configuration

Device ID: 030026247

Refresh data

Level

1000L LIN V Tank A

Level sensor:

UTM UTD22 - SENS-4005-600 - Level (DP)

Port A

Sensor units: ADC

Sensor min: 0

Sensor max: 4095

Scaling

Scaled units: Ins WC

Scaled min: 0

Scaled max: 600

Max product capacity: 47 Ins WC

Pressure

1000L LIN V Tank A

Pressure sensor:

UTM UTD22 - SENS-4005-600 - Pressure (P)

Port B

Sensor units: ADC

Sensor min: 0

Sensor max: 4095

Scaling

Scaled units: PSI

Scaled min: 0

Scaled max: 600

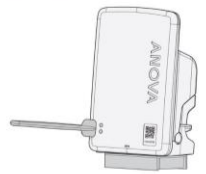
Contact Customer Support

Next

Step 4/5  
Test Transmission

Device ID: 030026247

Send Test Transmission



1. Hold the activation wand in place like shown in the image above for ~ 6 seconds.

2. LEDs will begin to flash.

3. Watch for solid green to confirm successful GPS communication.

4. LEDs will keep flashing for some seconds.

5. Watch for solid green to confirm successful communication.

LED gets solid red?

Completed

Next

Step 4/5  
Test Transmission

Device ID: 030026247

Send Test Transmission



1. Hold the activation wand in place like shown in the image above for ~ 6 seconds.

2. LEDs will begin to flash.

3. Watch for solid green to confirm successful GPS communication.

4. LEDs will keep flashing for some seconds.

5. Watch for solid green to confirm successful communication.

LED gets solid red?

Completed

Test transmission completed 10:26 AM

Next

# FIELD IG APP: ASSET CREATION

**27** – The app will display the data from the device’s latest activation (communication). The timestamp of the latest activation will be shown at the top of the page.

**28** – Verify if the level reading is correct.

**29** – Verify if the pressure reading is correct.

**WARNING:** If pressure reading does not show in the app, please check in the Transcend platform if channel B is created (see steps 4 to 12) or contact Customer Success.

**30** – You can check the battery level.

**31** – Verify the Level channel information. You can also check the Network Signal Strength quality.

**32** – **(OPTIONAL)** Click on “ADD PHOTOS” to add any additional photos of the physical installation.

**33** – Click on COMPLETE INSTALLATION.

**34** – A message will appear reporting that the device was successfully installed.

**35** – Click on DONE.

**36** – The installation is complete and the APP will go back to the homepage.



# FIELD IG APP: ASSET CREATION

After completing the asset creation in Anova Field IG APP, the installation will be available in the Operations History tab in the Transcend Platform.

37 – Log in to Transcend Platform.

38 – In the Operations Menu, click on the OPERATIONS HISTORY tab.

39 – Click on the installation you created in the Field IG app.

Start

ANNOVA  
TRANSCEND

Operations

DEMO

Local Time Zone (Western European Sta...

?

S

All Assets

Quick Report

Navigator

Asset Summary

Schedule

Events

Map

Operations History

38

a5ad190

>>

Field IG App - Operations History

Filter By

Operation Type

Status

Date

All Fields

Enter All Fields

All

All

09/03/2025

To

09/03/2026

Apply

1-29 of 29

1

| DATE                  | TYPE             | STATUS    | TECHNICIAN      | SITE                                   | ASSET(S)                | DEVICE ID | ERRORS |
|-----------------------|------------------|-----------|-----------------|----------------------------------------|-------------------------|-----------|--------|
| 8/26/2026 4:17:43 PM  | New Installation | Completed | Knowledge Base  | Anova Portugal, Coimbra                | 1000L Lin V Tank A      | 030026247 | 0      |
| 8/26/2026 10:28:12 AM | New Installation | Completed | Knowledge Base  | Anova Portugal, Coimbra                | 1000L LIN V Tank A      | 030026247 | 0      |
| 8/25/2026 5:06:19 PM  | New Installation | Cancelled | Knowledge Base  | Anova Portugal, Coimbra                | 1000L LIN V Tank A      | 030026247 | 0      |
| 8/24/2026 5:33:38 PM  | New Installation | Completed | store test prod | ABC Corp United States, New Provide... | Test tank RLS v2 Bleach | 012441884 | 0      |
| 7/17/2026 11:48:00 PM | New Installation | Cancelled | Patrick Tham    | Customer A Site A                      | Demo Tank 1 Nitrogen    | E1807135  | 0      |
| 7/17/2026 2:31:39 PM  | New Installation | Started   | John Doe        | Customer A Site A                      | Demo Tank 1 Nitrogen    | E1807135  | 0      |
| 7/17/2026 12:55:25 PM | New Installation | Cancelled | John Doe        | Customer A Site C                      | Demo Tank 1 Nitrogen    | E1807135  | 0      |
| 7/17/2026 10:16:51 AM | New Installation | Completed | John Doe        | Customer A Site C                      | Demo Tank 1 Nitrogen    | E1807135  | 0      |
| New                   |                  |           |                 | Anova                                  | 1500G LIN Tank edited   |           |        |

# FIELD IG APP: ASSET CREATION

**40** – The Installation History Page will open. All the details of the asset creation process in the Field IG app will be shown on the Installation History Page.

**WARNING:** The data displayed was recorded upon the completion of the installation. This data may not reflect the current readings and configuration.

start

ANOVA

TRANSCEND

Operations

40

DEMOLocal Time Zone (Western European Sta...Quick Report

All Assets

Navigator

Asset Summary

Schedule

Events

Map

Operations History

<

New Installation - 030026247

Completed

General Information

Device ID

030026247

Technician

Knowledge Base

Start Date

8/26/2026 4:10:00 PM

End Date

8/26/2026 4:17:43 PM

Site Information

Anova, Av. Cónego Urbano Duarte, nº 65, Coimbra, Portugal

GPS Location

40.1936304, -8.4212685

The data below was recorded upon the completion of installation. This data may not reflect the current readings and configuration.

1000L Lin V Tank A

Asset:

1000L Lin V Tank A

Product:

-

Pressure

Data Channel Template:

UTM UTD22 - SENS-4005-600 - Pressure (P)

Sensor Data

Sensor Units

ADC

Sensor Min

0

Sensor Max

4095

Scaling

Scaled Units

PSI

Scaled Min

0

Scaled Max

600

Level

Data Channel Template:

UTM UTD22 - SENS-4005-600 - Level (DP)

Sensor Data

Sensor Units

ADC

Sensor Min

0

Sensor Max

4095

Scaling

Scaled Units

Ins WC

Scaled Min

0

Scaled Max

600

Max Product Capacity

47 Ins WC

Installation Photos

No photos were uploadad in this installation

Proprietary & Confidential | Page 17

ANOVA

# THANK YOU

[support@anova.com](mailto:support@anova.com)

 ANOVA

