

## Quick Start Manual For RoundsLogging Mobile

Version #: 2020.06.03-V.2

### **Purpose**

TANGO™ RoundsLogging Mobile allows users to upgrade from paper and clipboard to Smart Phones and Tablets for in-plant data collection such as basic operator care inspections, lubrication routes, and infrared thermography or ultrasonic surveys.

Problems found through these sources are integrated with those coming from other condition monitoring activities and elevated to the Integrated Condition Status dashboard.

### Items Needed for Task

- TANGO database login credentials
- Wi-Fi enabled smart device
- TANGO assigned route

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## **Why use TANGO™ ROUNDSLOGGING Mobile**

The Tango™ RoundsLogging Mobile application is designed for users to upgrade from paper and clipboard to Smart Phones and Tablets for in-plant data collection such as basic operator care inspections, lubrication routes, and infrared thermography or ultrasonic surveys.

Problems found through these sources are integrated with those coming from other condition monitoring activities and elevated to the Integrated Condition Status dashboard.

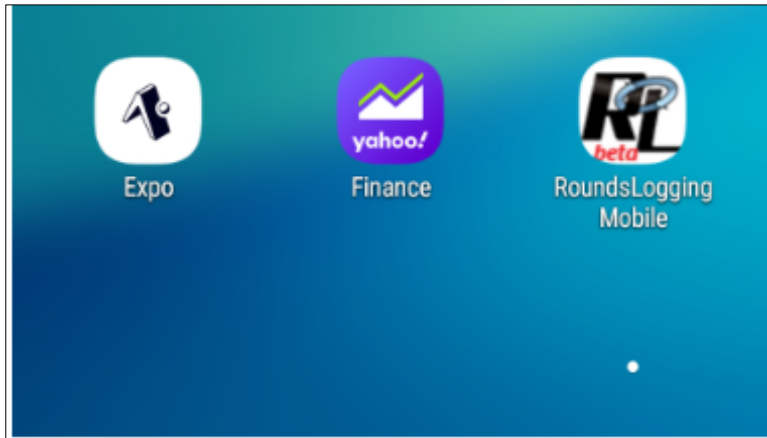
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This is just an abbreviated version of the more detailed RoundsLogging Mobile app manual, you can access that manual [here](#).

## I. Getting Started

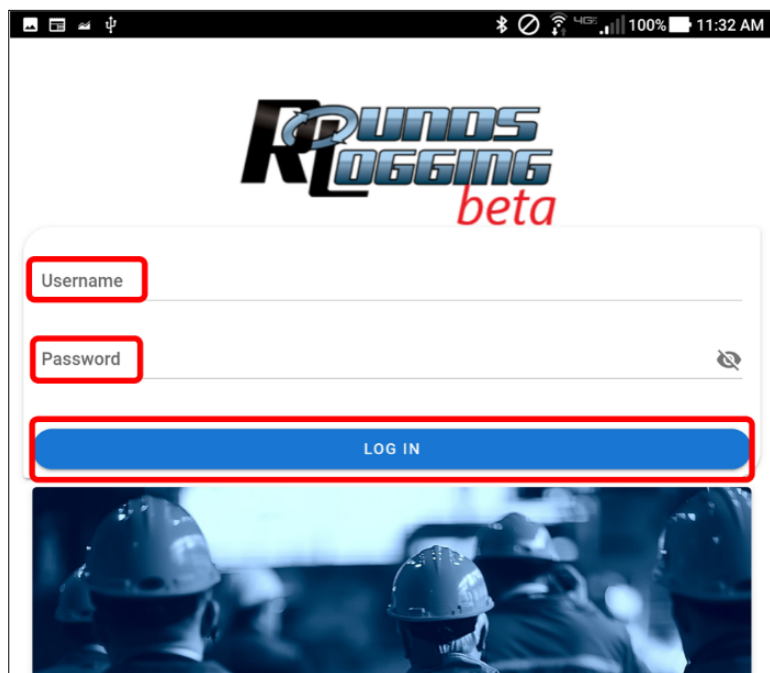
### The RoundsLogging app icon

From your tablet, select the Tango RoundsLogging Mobile app icon to begin.



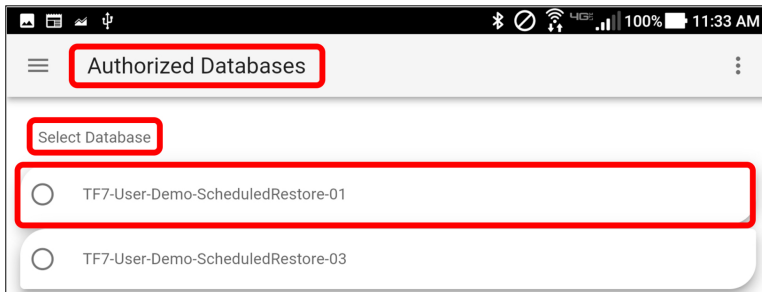
### Logging in

Input your Tango login credentials and click the "Log In" button.



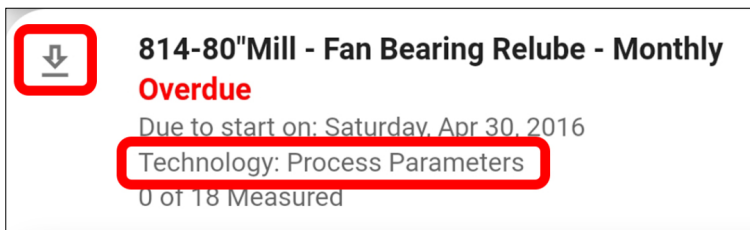
## Databases

After logging in, all user assigned Tango databases will be available for selection. Select the desired database.

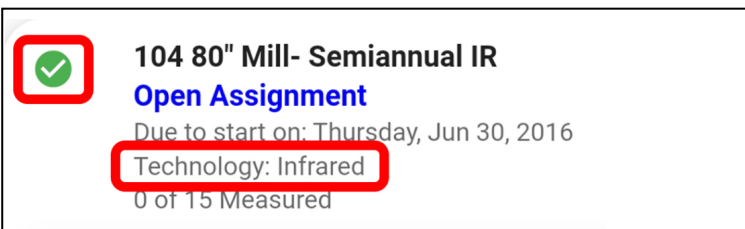


## Two Route Types

In the RoundsLogging Mobile app, there are two route types available: Process Parameter & Condition Assessment.



- Process Parameters Routes
  - Trend able Measurements
    - Gauges
  - Observation Inspections
    - Walk-around
    - Maintenance
    - Lubrication

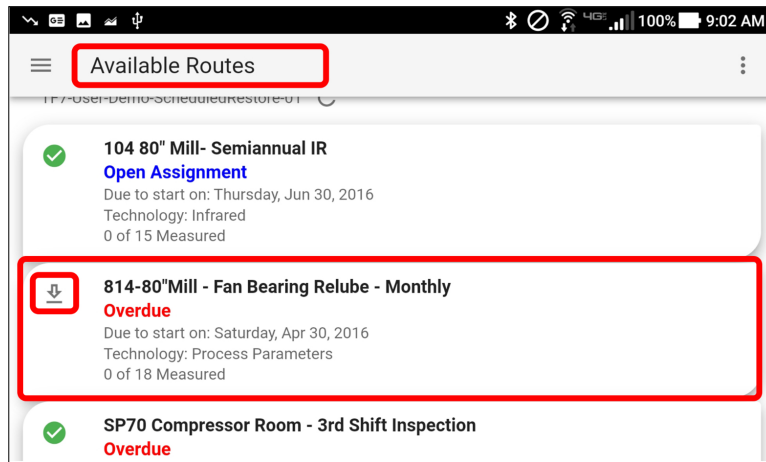


- Condition Assessments
  - PdM Assessment Technologies
    - Sensors
    - Infrared
    - Vibration
    - Ultrasonic
    - Oil
    - Special

## Checkout Route

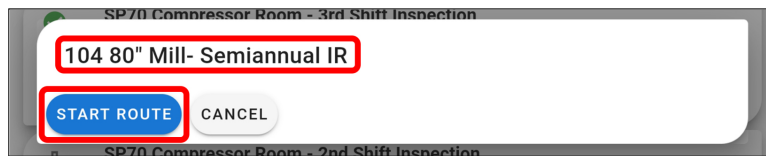
While in wi-fi range, multiple routes can be checked out to the device. If a visible route is checked out to another device, the route must be checked in from the other user before it can become available.

Select the available route(s) you would like to upload to the device.



*Note: Uploaded routes to the device will have a green check mark.*

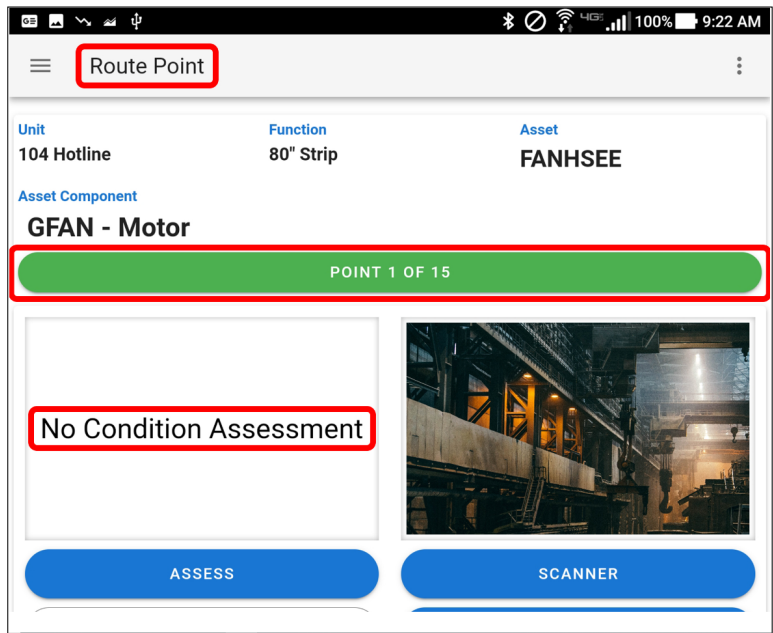
Once uploaded, chose the desired route to run and click on the "Start Route" button.



# II. Measure Route Points

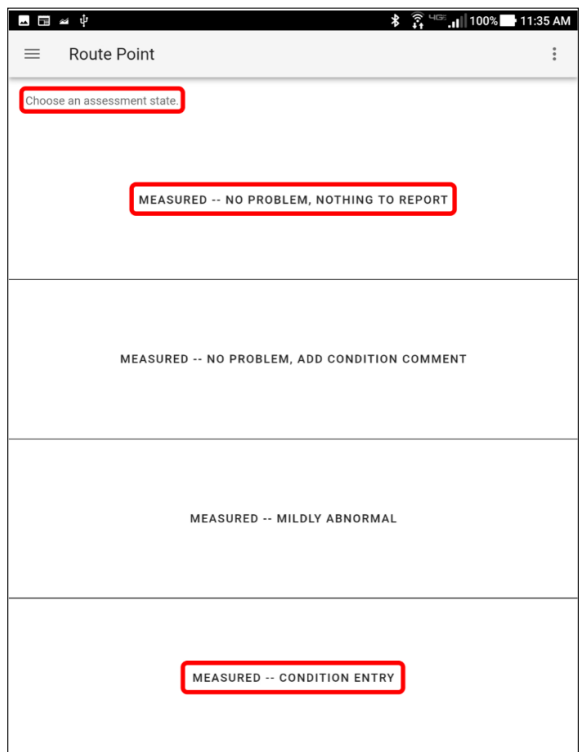
## Point 1

Once your chosen route is uploaded and open, the screen will display the first available point on the route.



## Condition Assessment

Choose from the list of assessment states.



Condition Assessment States

# Process Parameter

Choose from the list of observations...

Route Point

Choose an assessment state.

NO GREASE NEEDED

GREASE ADDED

FITTING DAMAGED, OR WILL NOT TAKE OR HOLD GREASE

Process Parameter Observation Groups

or enter numeric trend values.

Route Point

Unit104 HotlineFunction80" StripAssetFANHSEW

Asset ComponentGFAN - Fan

POINT 5 OF 18

Grease Volume - IB

.9Oz. X

Measurement exceeds your alarm levels.

Optional Comment

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Process Parameter Trends

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## Inbound States

For “Inbound” assessment states, the current state is displayed in the box below the route point indicator.

Click the continue button to navigate to the next route point.

## Condition Entry Request

If a “out of bounds” state is selected, a “condition entry request” is automatically triggered.

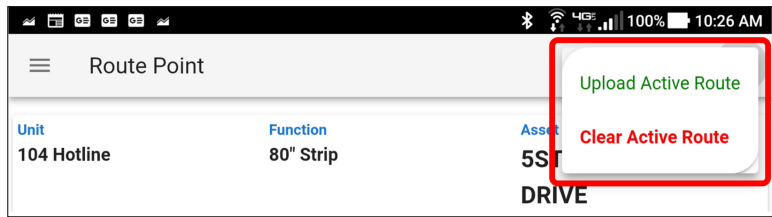
Enter a reference code and/or comment. Click save to move back to the active route.

Repeat measurement process for all assessable points.

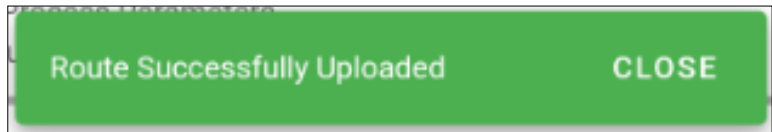
# Moving Collected Data

At any point in a route, collected data can be moved to an upload que. An upload will be triggered once Wi-Fi connection is established. Collected data for the session can also be deleted.

To upload or clear an active route’s collected data, click on the three dots in the upper right-hand corner of the screen and select the desired action.



A dialog boxes opens to verify your request was successful.



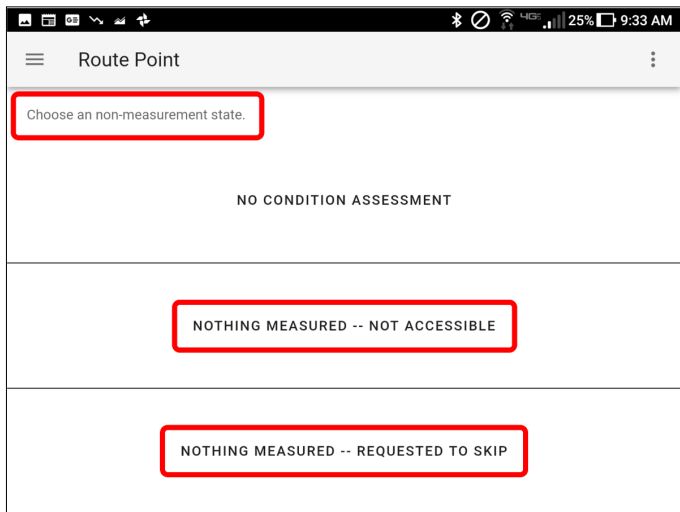
### III. Options

#### Non-Measurement States

If a route point will not be measured, click the “Skip” button to assign a non-measurement state to the point.

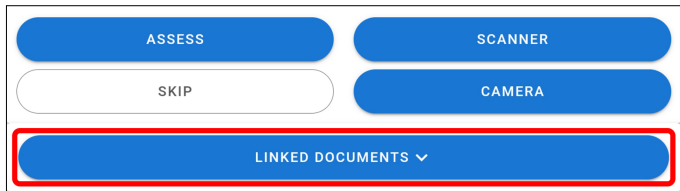


Choose from the list of non-measurement states.

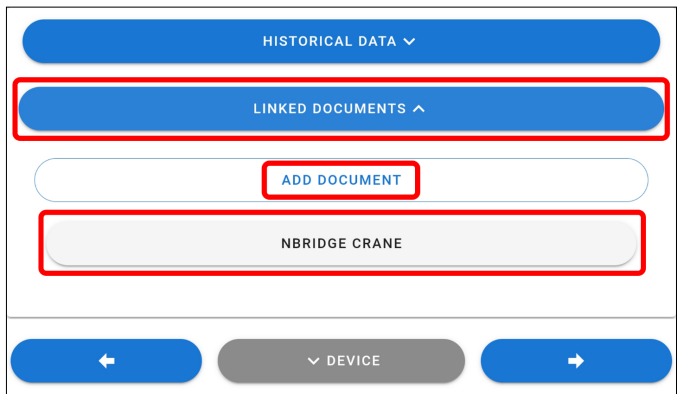


#### Linked Documents

Documents, pictures, manual, etc. can be added to route points.  
Unfold the “Linked Documents” tab to see all attached linked documents.

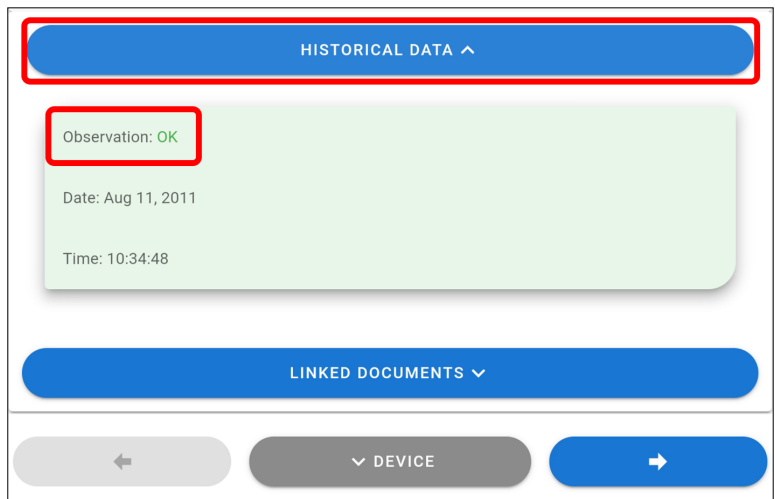


Click “Add Document” to add a new document file.



## Historical Data

If previous measurement values are available, they can be accessed by unfolding the “Historical Data” tab.



*Note: This tab is only available for Process Parameter routes.*

## Camera

The device on-board camera can be used to take pictures and add them as linked documents.

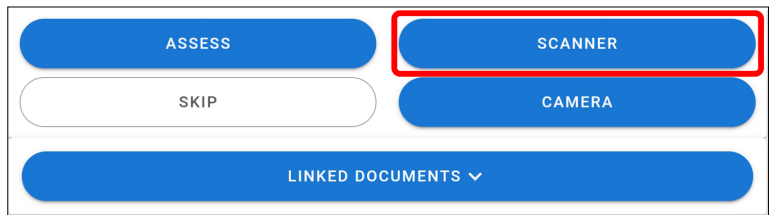
Select “Camera” to open the device’s camera. Click “Allow.”



## Scanner

The device on-board camera can be used to scan QR Tags & Barcodes.

Select “Scanner” to open the device’s camera. Click “Allow.”



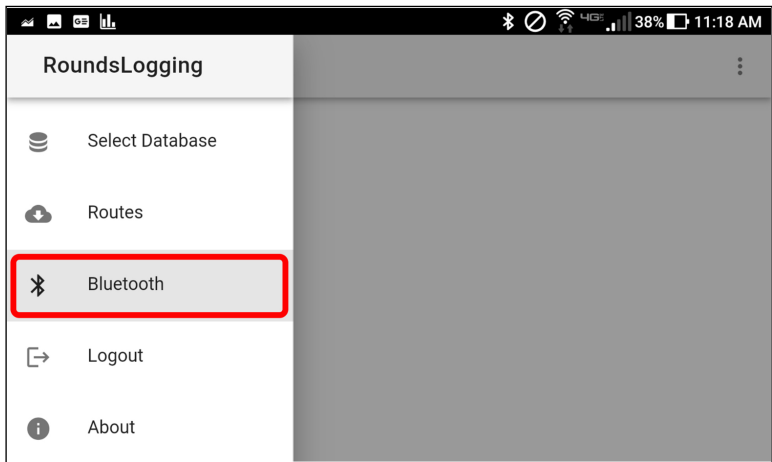
The scanner will read the digital codes and direct you to their assigned information.



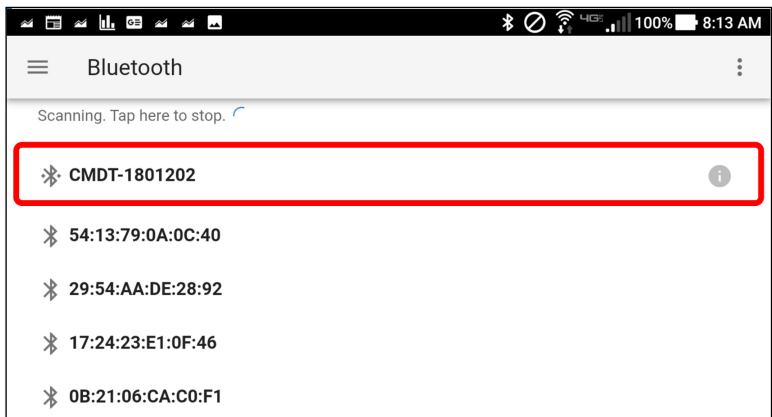
# Bluetooth

Tango integrated-Bluetooth devices can be accessed through the RoundsLogging Mobile app.

To connect to an integrated- Bluetooth device, navigate to the main page and select "Bluetooth."



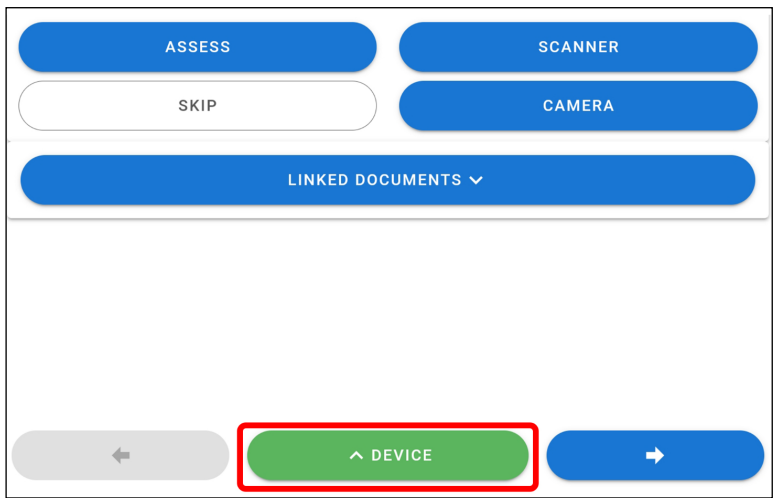
Select the desired device from the list of open Bluetooth enabled devices. The connected device will populate atop the list of available devices.



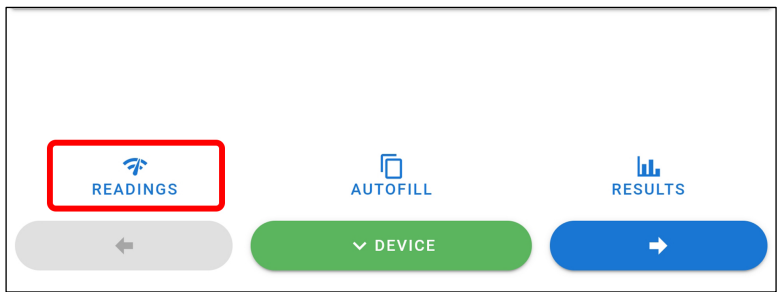
Device Button

Bluetooth connected devices are available during the route from the "Device" button. If the "Device" button is green you are connected to a Bluetooth device.

Click the "Device" button.



Once the "Device" button has been selected, "Readings" will pull live results from the device.



Once the measurements have been generated, click "AutoFill" to capture a snapshot of the current readings and autofill the route point measurement field(s).



Click "Hide" to close the device options.

