DryLINK® TRAINING COURSE

October 2019

BE EVERYWHERE AT ONCE

Phoenix DryLINK® Mobile App
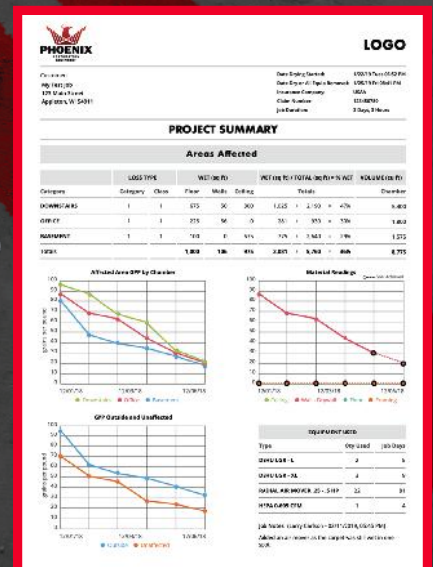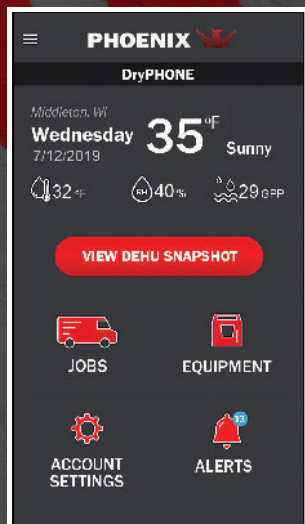
TABLE OF CONTENTS

DryLINK® by Phoenix is a FREE Mobile App

DryLINK is a free, job based drying log app which connects to smart Bluetooth enabled equipment. It is free to download, it is compatible with iOS and Android. Everyone in your company can have access to all of the current information about all jobs. No cellular or WIFI, no problem, DryLINK stores data on your phone until you are connected. Non-smart drying equipment can be added to the drying log.

This course will go through all of the current functionality in the DryLINK app. New functionality will be added through app updates.

FEATURES

- Easily setup jobs using Google auto-complete
- Interact with your phones native map program to guide you to the job
- Add chambers with room dimensions and the percentage of wet material
- Manage all of your equipment inventory in the app, even non-smart equipment
- View graphs of your dehumidifier data by job
- Easily add nearby equipment to the job/chamber
- Take atmospheric and material moisture level readings automatically by Bluetooth
- Optionally monitor jobs remotely and receive alerts
- Enter daily readings remotely
- Enter actual daily readings from a previous day if needed
- Share the drying log with anyone using your phones sharing function
- Share the current readings of all smart units within range by text or email using Dehu Snapshot
- Data is automatically uploaded to the cloud whenever you have cell or Wi-Fi service
- Update the firmware on your dehumidifier via Bluetooth
- Set filter reminders based on hours of operation

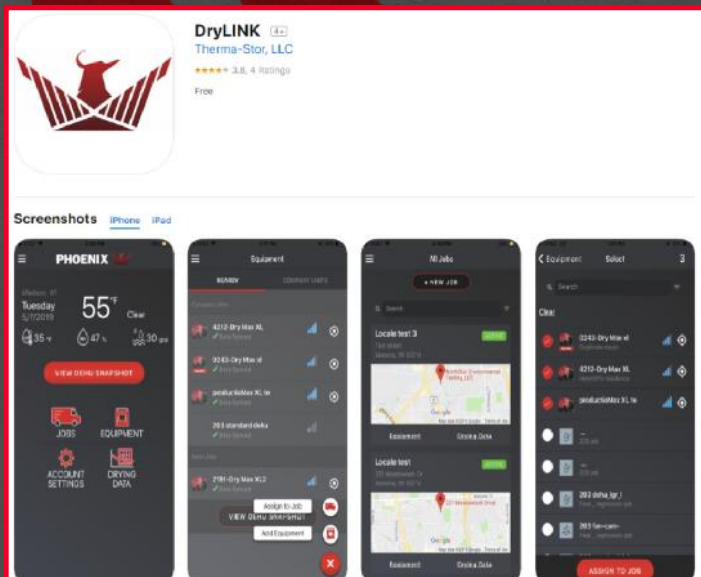This course will be broken down into the following sections:

- Initial Setup

- Basic Navigation

- Setting up and Completing a Job

- The Drying Log

- Job/Equipment/Drying Data/ Settings Section Detail

- Troubleshooting and Additional Information

INITIAL SETUP – DOWNLOADING THE APP

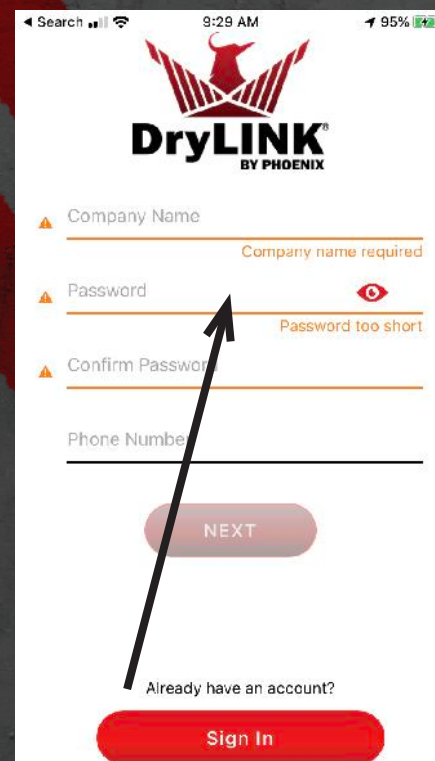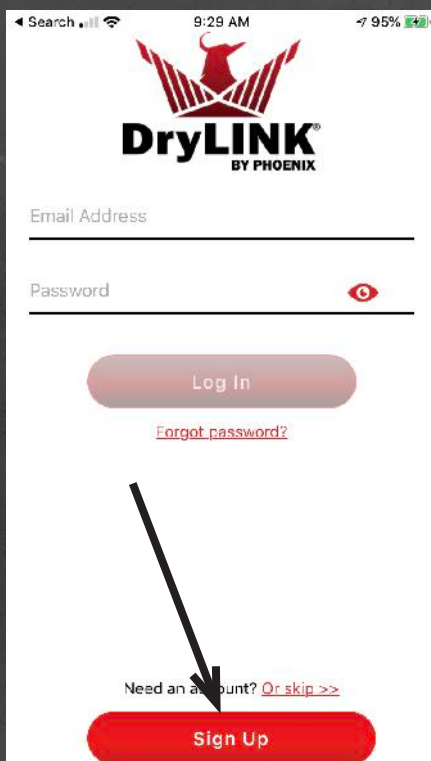**DryLINK is available for Android and iOS devices.**

For Android – in The Google Play Store

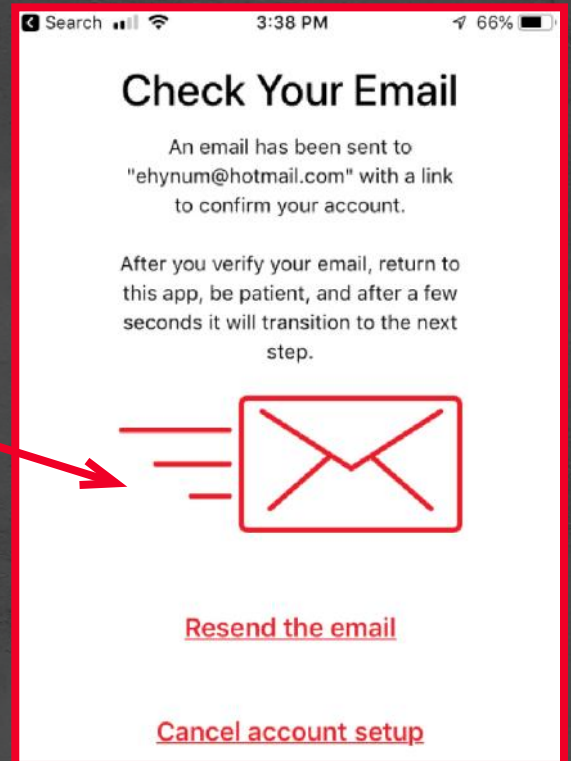**For iOS – in the Apple App Store**

**Once the app is installed on your phone,
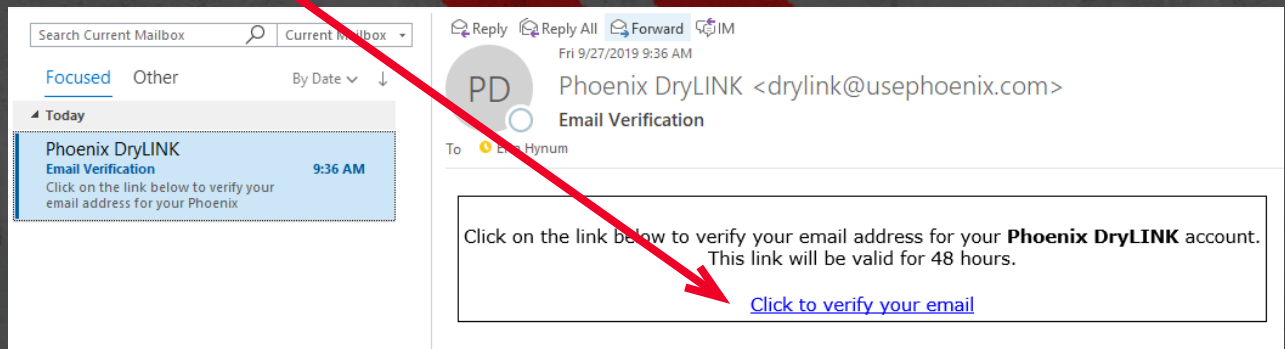click on the DryLINK icon to begin the setup process.**

INITIAL SETUP – VERIFYING YOUR EMAIL ADDRESS

After setting up your account, you must verify that you are the owner of the email address you used during the set up process. This is a one-time process.

Your app will now show this screen.

Check Your Email

An email has been sent to "ehynum@hotmail.com" with a link to confirm your account.

After you verify your email, return to this app, be patient, and after a few seconds it will transition to the next step.

Resend the email

Cancel account setup

You will need to go to your email account and click the link to verify your email address. Always check your "Junk" or "Clutter" when looking for this email.
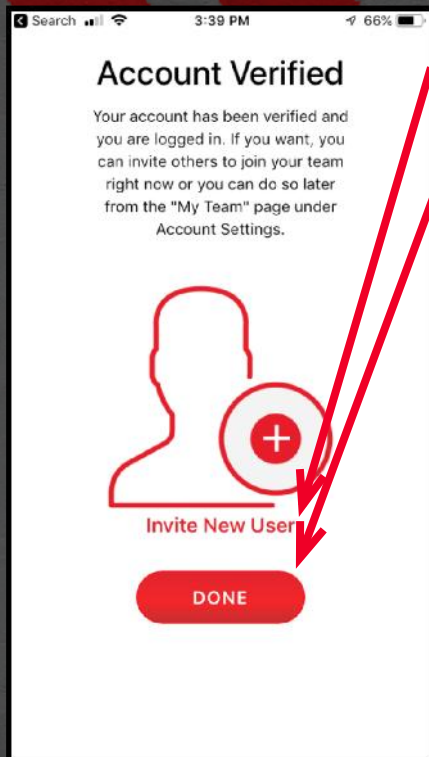
Search Current Mailbox	🔍	Current Mailbox ▾
Focused	Other	By Date ⌄ ↓

▲ Today

Phoenix DryLINK
Email Verification   9:36 AM
Click on the link below to verify your email address for your Phoenix

🔄 Reply 🔄 Reply All 🔄 Forward 💬 IM
Fri 9/27/2019 9:36 AM

PD Phoenix DryLINK <drylink@usephoenix.com>
     Email Verification

To   ⬤ Eris Hynum

Click on the link below to verify your email address for your **Phoenix DryLINK** account. This link will be valid for 48 hours.

Click to verify your email

Once you click to verify your email address, your browser will display this screen.

ⓘ 🔒 https://restoreservicep.azurewebsites.net/v1/account/activate?token=$2a$10$GssQZ0aIIWJdJZY.Gy27/OnttXeEayXOgQvQeE

M Gmail Phx FB Ads Mgr FB AdWords CRM Click Power BI Phx YT Quest YT UWCU Weather

Email verified successfully! Please proceed with DryLink sign in.

INITIAL SETUP – VERIFYING YOUR EMAIL ADDRESS

Verifying Your Email Address – Inviting New Users

You can click "Invite New User" to add additional employees or click "DONE" to start using the app. You can invite new users later from the setting menu.

If you click "Invite New User" you will get this screen.

You can enter email addresses and assign them as either an Administrator or a Technician.

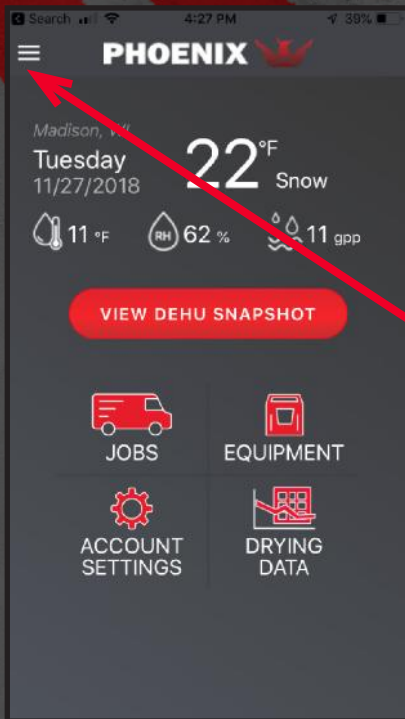An administrator has more privileges such as the ability to invite or delete users.
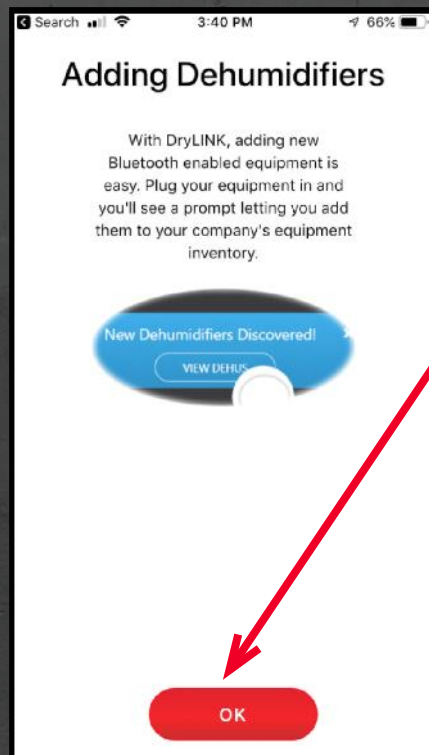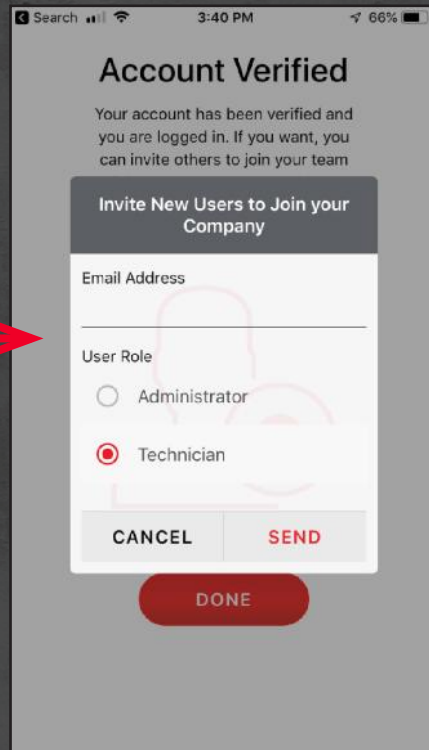
Once you are done, this screen pops up to explain how to add new dehumidifers. This screen only shows the first time you log in. Click "OK" to continue.

Read and accept the End User License Agreement.
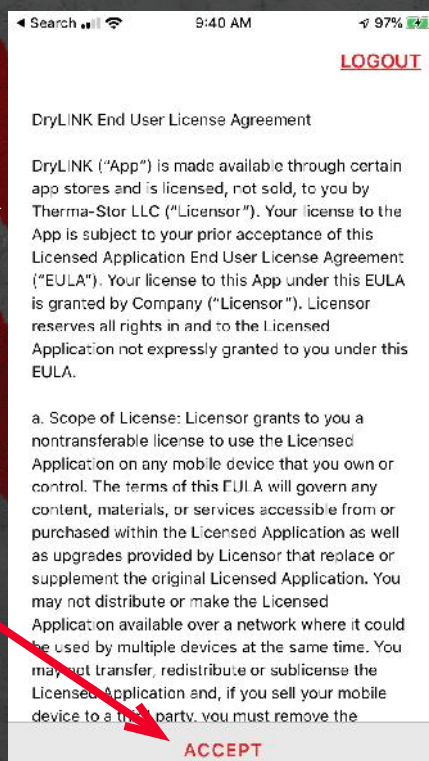
BASIC NAVIGATION



DryLINK is broken down into five main areas:
- The Home Screen
- Jobs
- Equipment
- Account Settings
- Drying Data.

The clickable side menu in the top left is available from all screens and allows you to navigate back to any of these sections. After clicking this icon your screen will look like this.
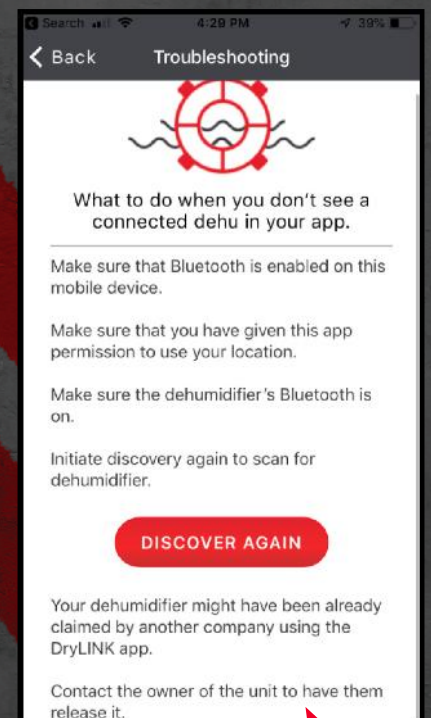
Click on the "EQUIPMENT" tab to get started.
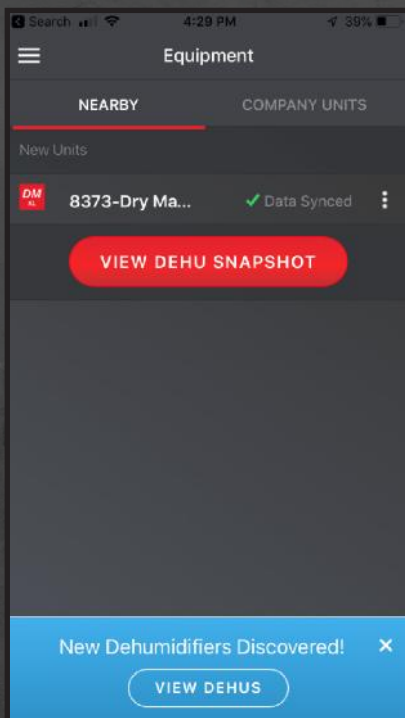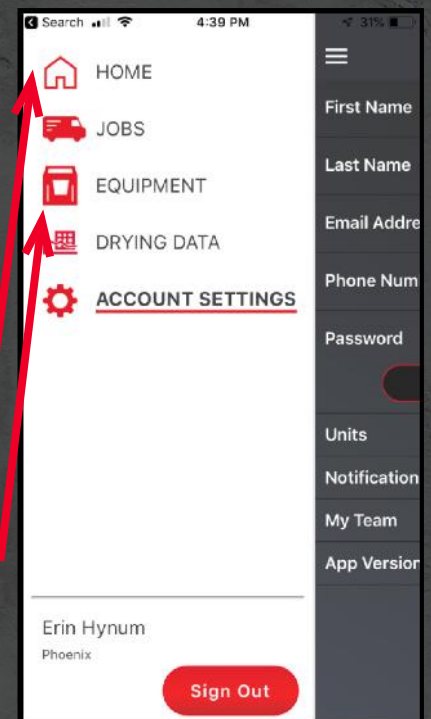
To connect to your smart equipment you will first need to claim it as yours. If you don't claim it, someone else can.
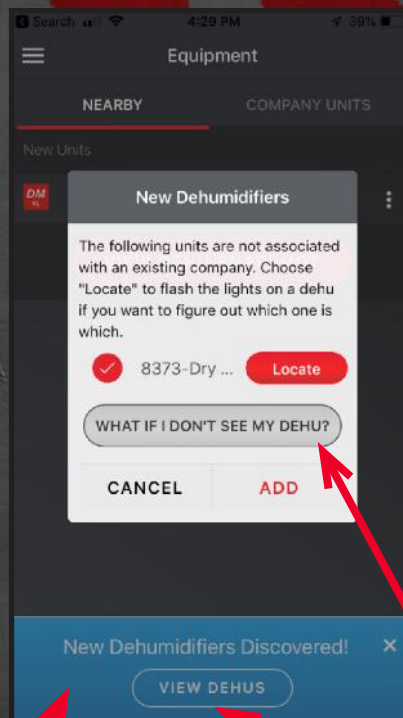
A blue box will pop up whenever the app detects unclaimed equipment. When you click 'VIEW DEHUS" you will get this screen.

If you click "WHAT IF I DON'T SEE ME DEHU?" you will get this troubleshooting screen to help you.

BASIC NAVIGATION

Clickable Slide-Out Menu.

Current Location, Day and Date.

Current Outside Dew Point, Relative Humidity, and Grains from the nearest weather station.

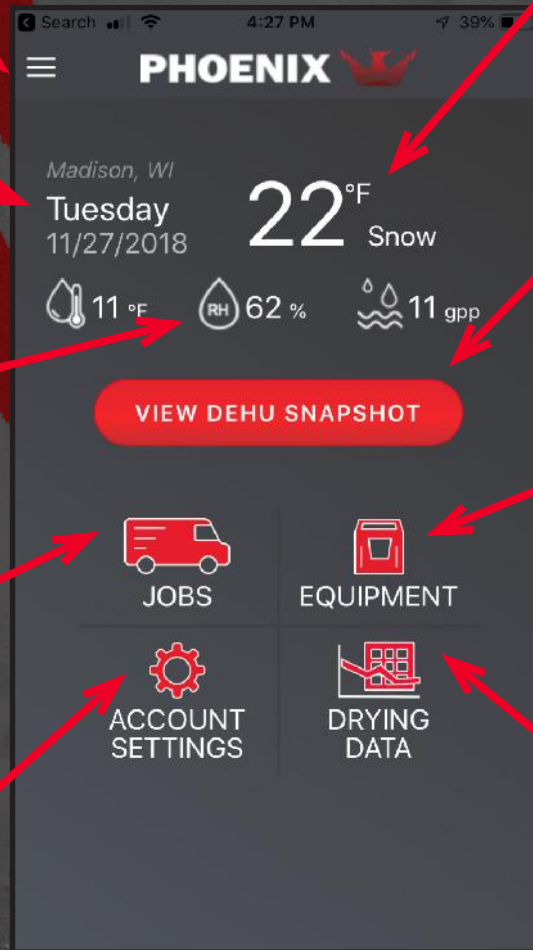**JOBS Menu – The main screen for performing job related tasks.**

ACCOUNT SETTINGS Menu – The main settings menu for your DryLINK account, app settings, and user management.

Current outside temperature and the current conditions.

Get a snapshot of the current conditions for all smart equipment within range of the phone and share it.

EQUIPMENT Menu – The main screen for information related to your equipment.

DRYING DATA – All of your drying data sorted by jobs. There is a graphical view to show you all of your drying data on one screen.

Search · 4:27 PM · 39%

PHOENIX

Madison, WI
Tuesday
11/27/2018

22°F Snow

11 °F   RH 62 %   11 gpp

VIEW DEHU SNAPSHOT

JOBS   EQUIPMENT

ACCOUNT   DRYING
SETTINGS   DATA

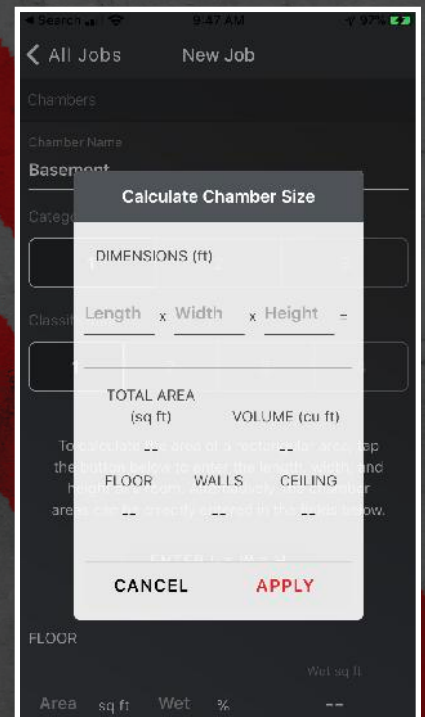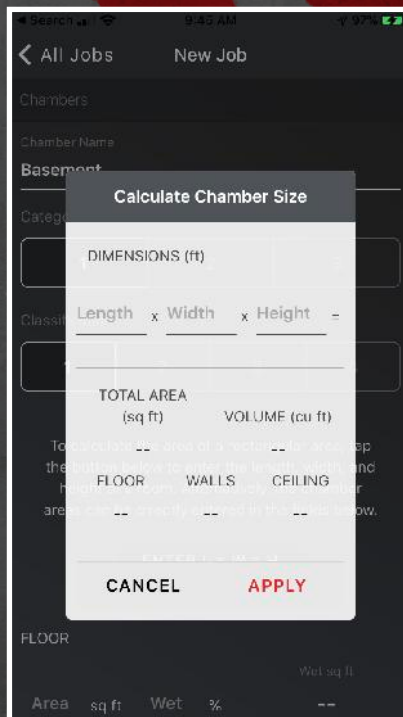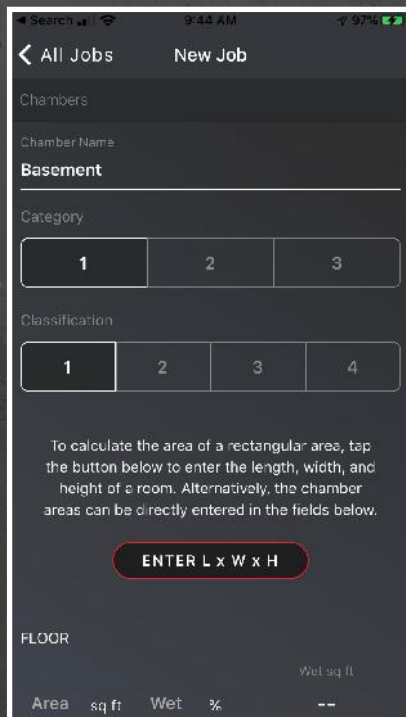# SETTING UP A JOB

Click NEW JOB to add a job.
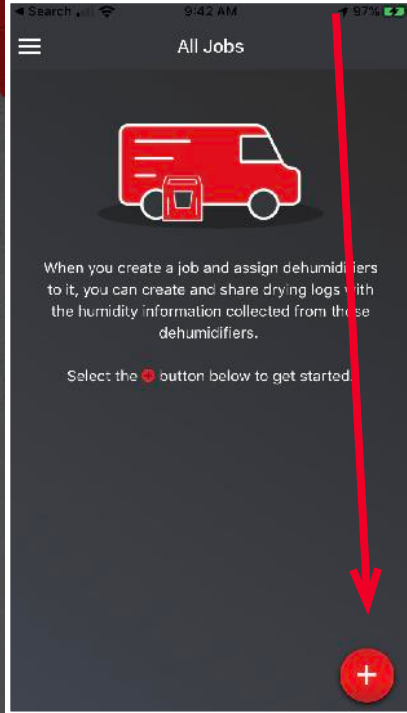
Google auto-complete helps f ll in the job details.
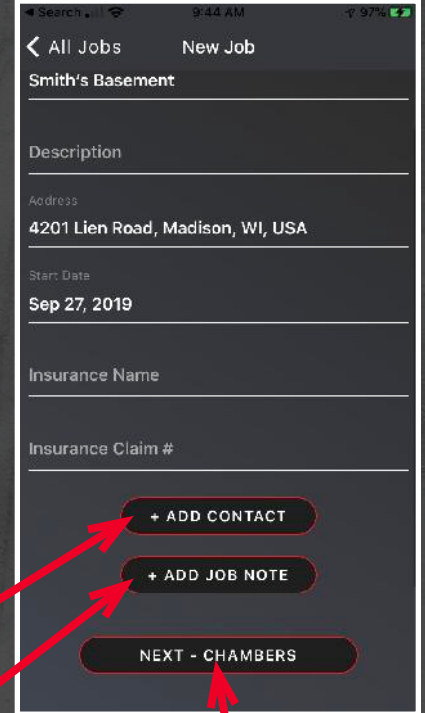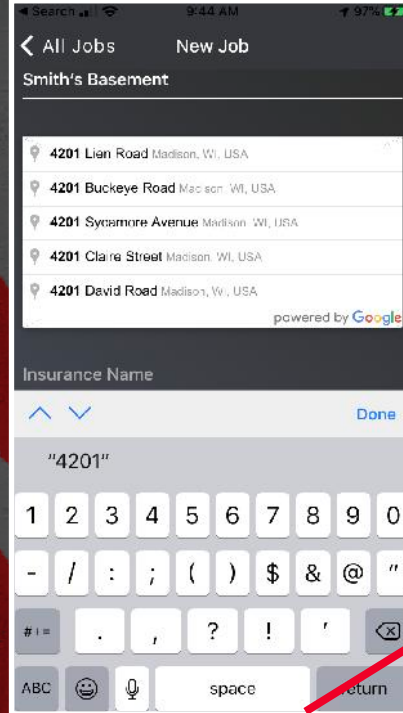
Jobs Main Menu – List of all jobs which are searchable.

You can add "Contacts", "Job Notes", or move on to "Chambers".

Name the chamber and then select the Category and Class.

Click "Enter L x W x H" and enter the dimensions of the chamber.

The area and volume are calculated automatically..

SETTING UP AND COMPLETING A JOB

Enter the % wet for each surface. The total wet square feet will be calculated for you.

You can edit these values if needed.

Add a chamber note, add another chamber, or create the job.

Click on the "Equipment" tab to add equipment to the job.

Once on the "Equipment" tab click the plus sign.

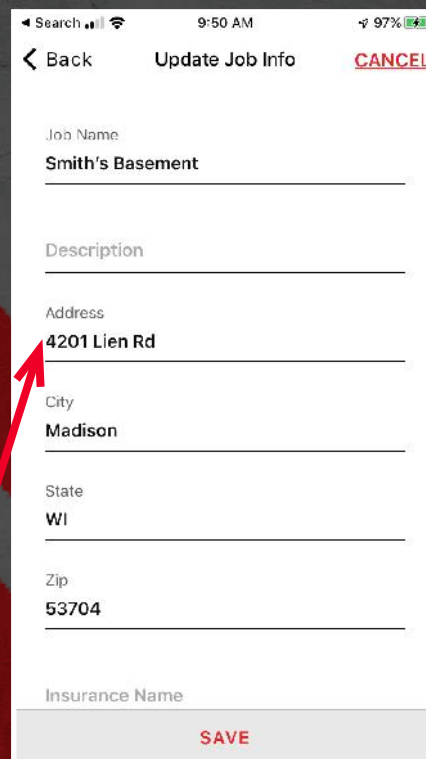Select the units to add to the chamber. Nearby equipment is automatically shown first and selected by default.
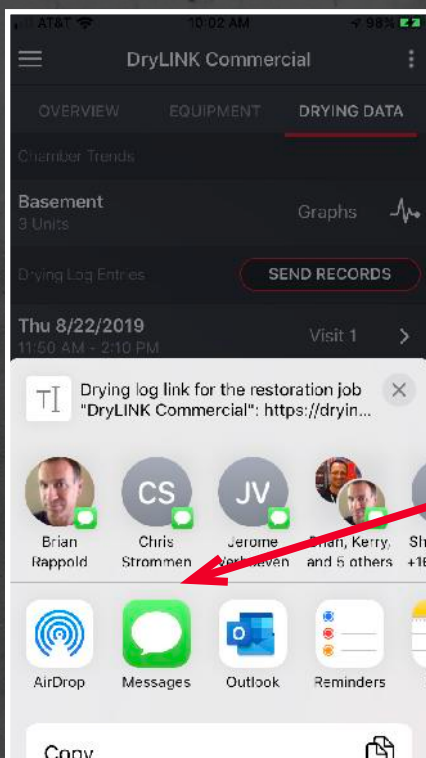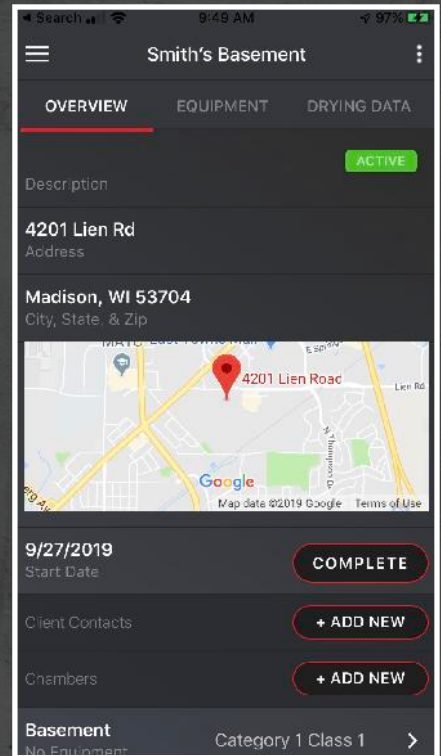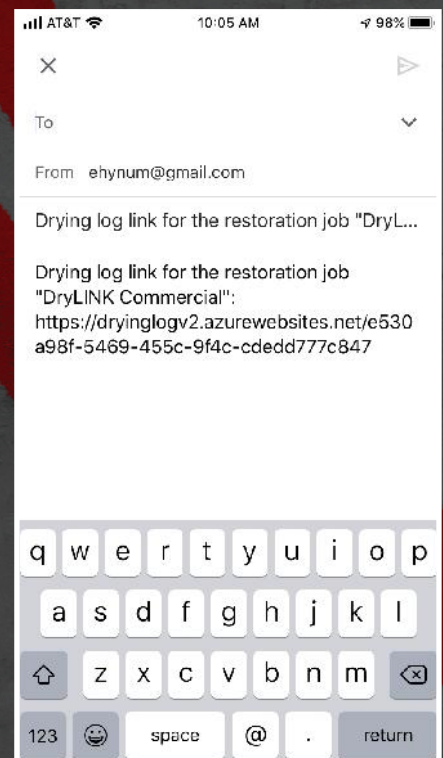
SETTING UP AND COMPLETING A JOB
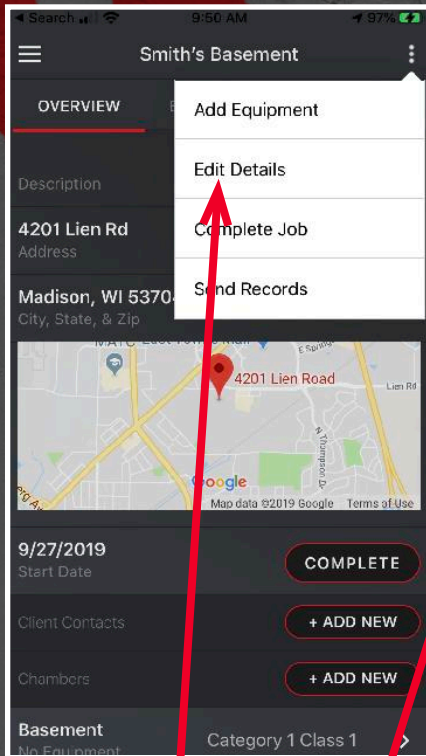
You can edit the job details to correct any errors or omissions.

You can "SEND RECORDS" which will share a link to the drying report. This link is updated automatically when a new drying log entry is entered.
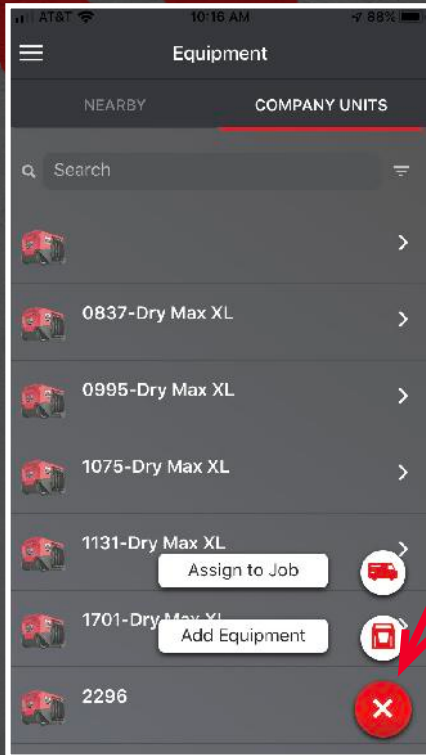

You can share the Drying Report link by text, email or other sharing methods.
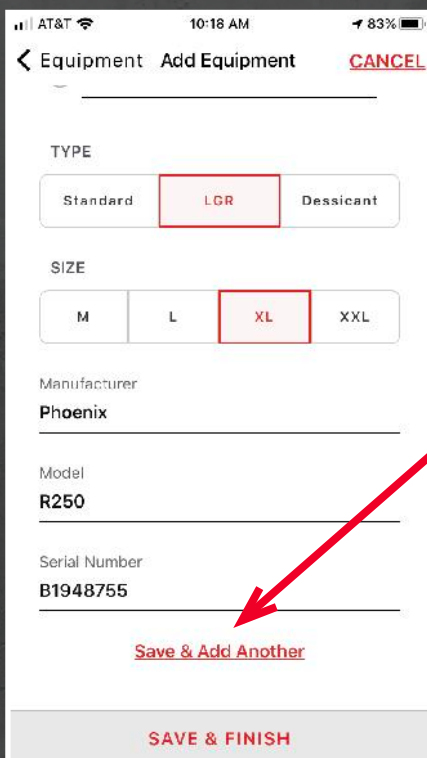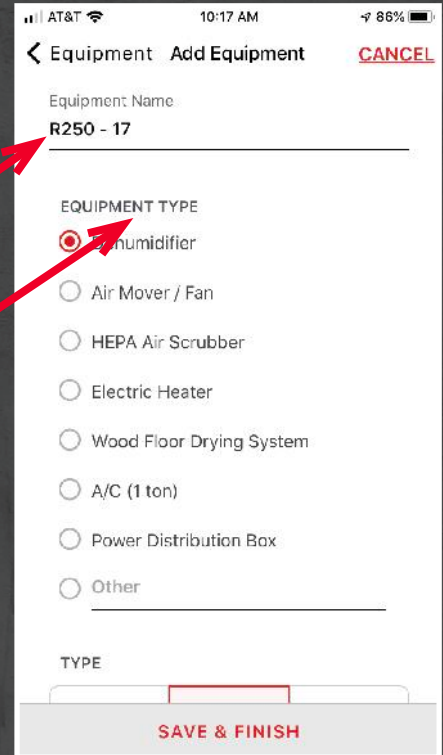
SETTING UP AND COMPLETING A JOB

Adding a non-smart piece of equipment to the drying log.

On the main "Equipment' tab (not the one inside a job) click on the plus and select "Add Equipment.
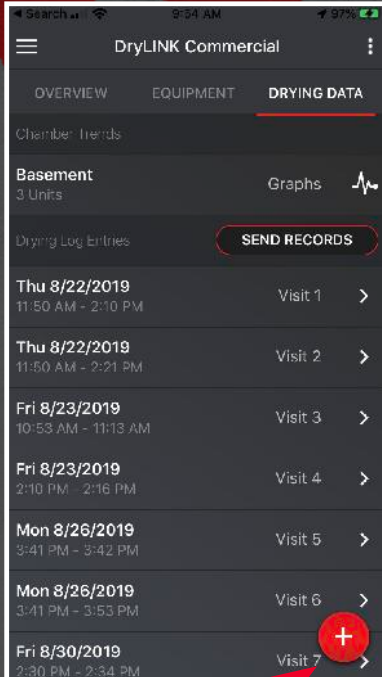
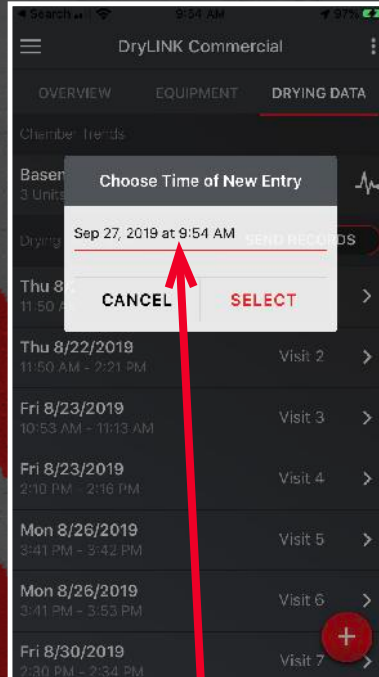Type in a name for the equipment and select the type of equipment from the list.

Add the rest of the relevant equipment information. Click "Save & Add Another" for more of the same type of equipment.
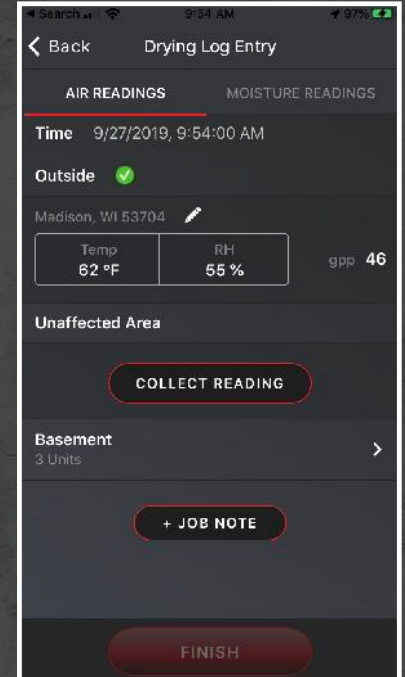
SETTING UP AND COMPLETING A JOB

Taking a Daily Reading

In the job section under "DRYING DATA" click the "+" button to take your daily readings.

Changing the Time and Date of the entry will tell the app to use the closet historical reading to the time and date for this entry.

If the date and time are not changed, "COLLECT READING" will get the last data point logged (the equipment logs every 15 minutes) from smart equipment or it will bring up a dialog box to manually enter non-smart equipment.
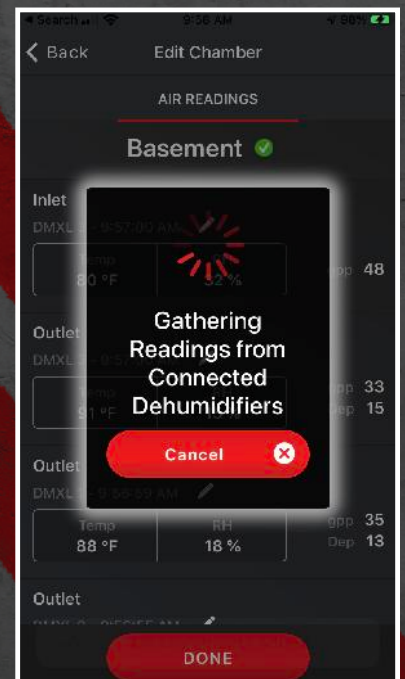
The readings for the outside conditions will be pulled from the nearest weather station automatically.
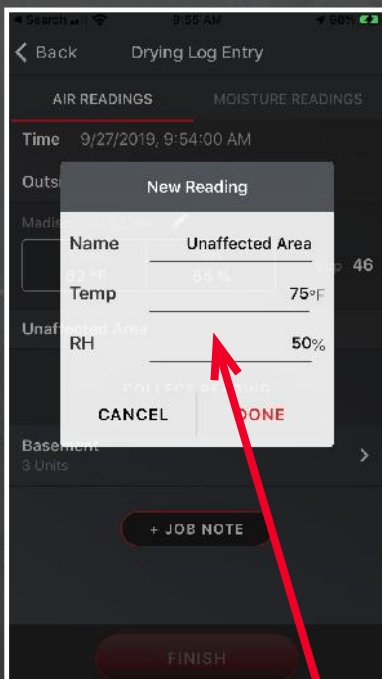
Readings can be entered manually if smart equipment is not being used. The reading above can be automated by using DryTAG RH.
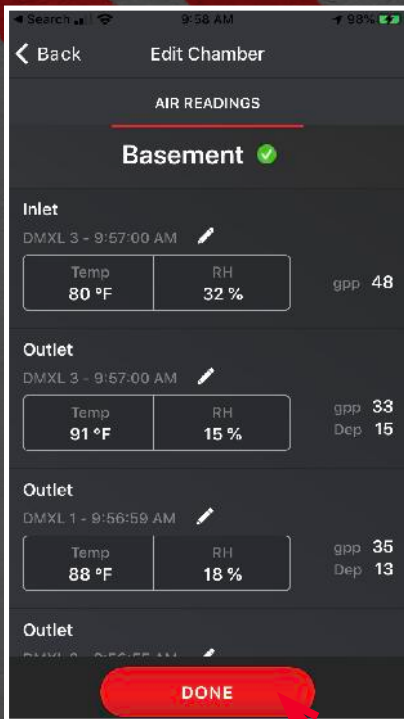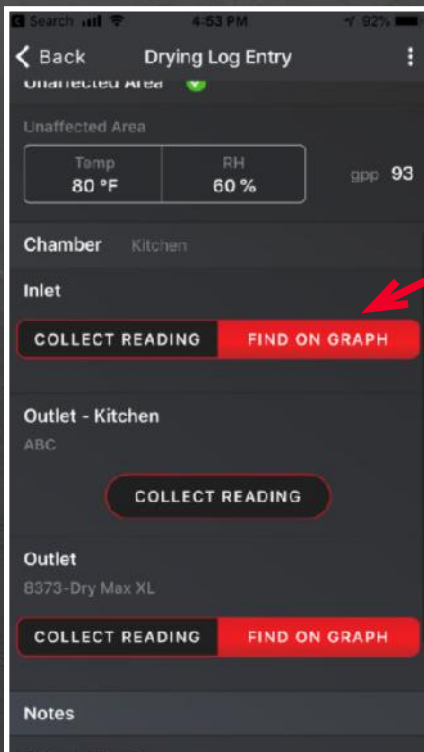
Clicking on any chamber will caus[e] all smart readings to be taken automatically.
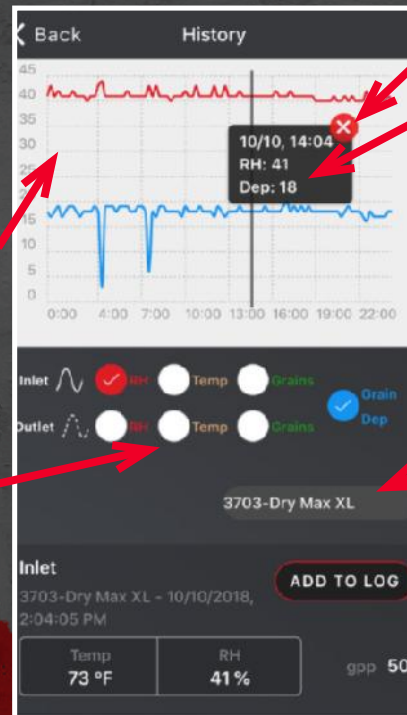
SETTING UP AND COMPLETING A JOB

Atmospheric Readings

Units of Measure

Select data to display the graph

Data at current point

Once all readings are taken for a chamber click the "Done" button.

X to close

Drying Point Flag

Date/Time

Dehumidifier Name

Add to Drying Log

FIND ON GRAPH allows you to see the historical data on a graph. You can select any data point from this graph to use as your daily log entry. Once you have selected the point click ADD TO LOG.
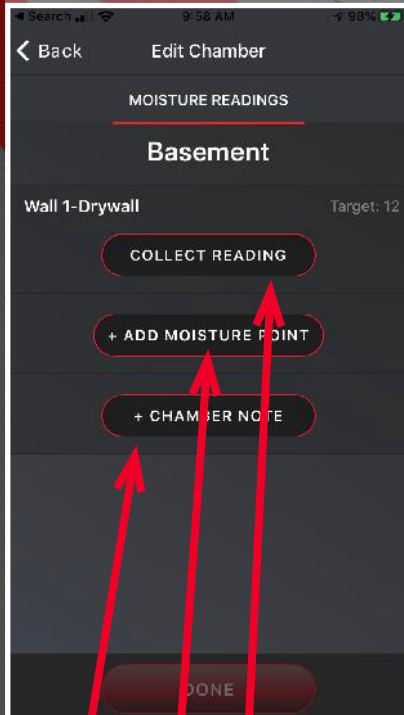
The available fields to display on the graph are Inlet/Outlet Temp, Inlet/Outlet RH, Inlet/Outlet Grains and Grain Depression.

Swipe Left/Right to scroll through time. Double tap to zoom in, pinch to zoom out.

Click anywhere to select a data point. Click the "x" to close and "+" to open the data point flag.

SETTING UP AND COMPLETING A JOB

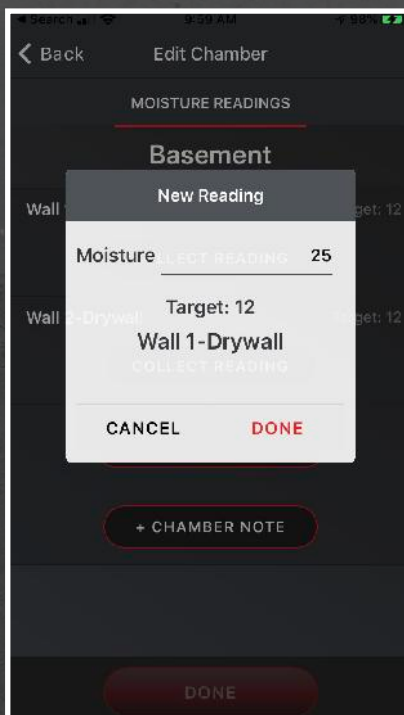Click "Moisture Readings" and "Collect Readings" to collect automatic material moisture readings or enter manual readings. Add a new moisture point or add a chamber note.
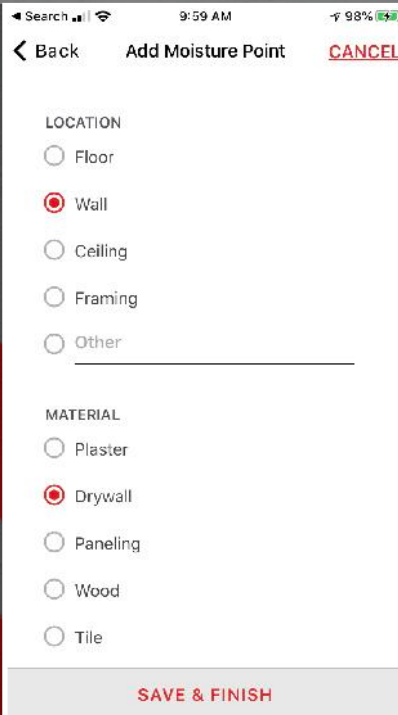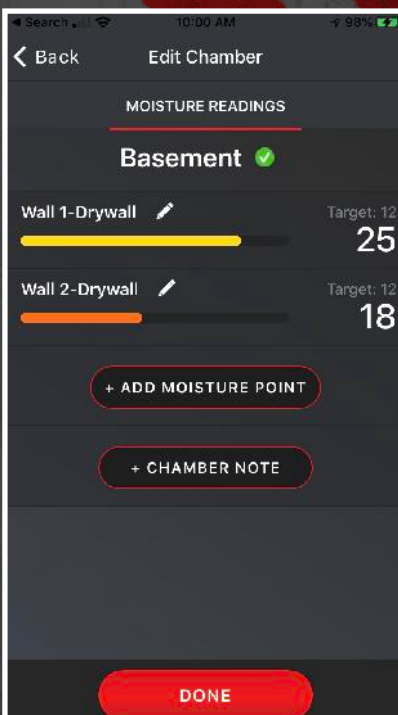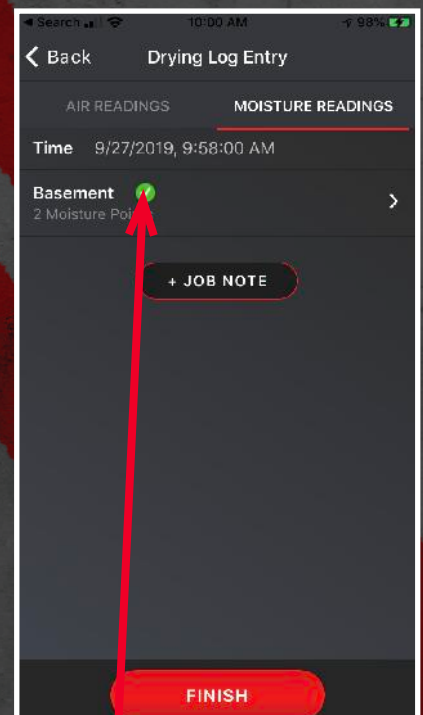

Adding a new Moisture Point.
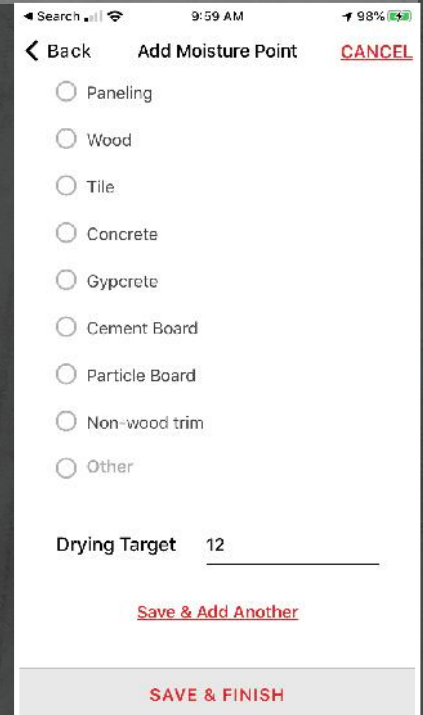
Add a Drying Target and "Add Another" or "Save & Finish"
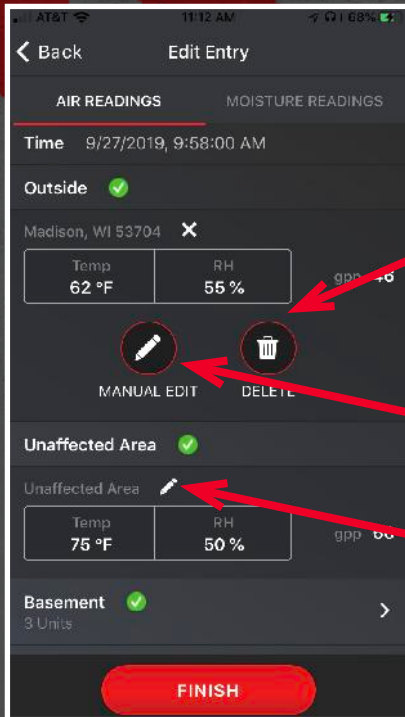

Enter a manual moisture reading.

See the progress of each moisture point.

Moisture Points are completed in the chamber named "Basement."

SETTING UP AND COMPLETING A JOB

Edit a Reading/Complete a Job

When you click the pencil icon you will get a choice of deleting the entry which allows for an automatic reading to be taken.

After clicking the pencil icon you can also do a manual edit. All manual entries will have an asterisk next them in the Drying Report.

You can edit a reading by anywhere you see a pencil icon.
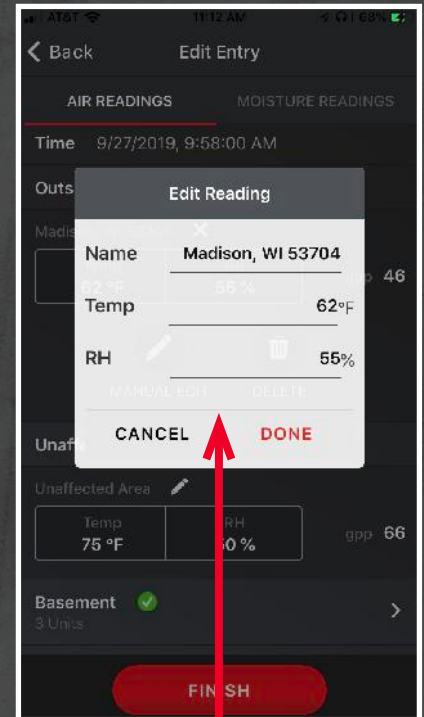
Manual editing of a reading.
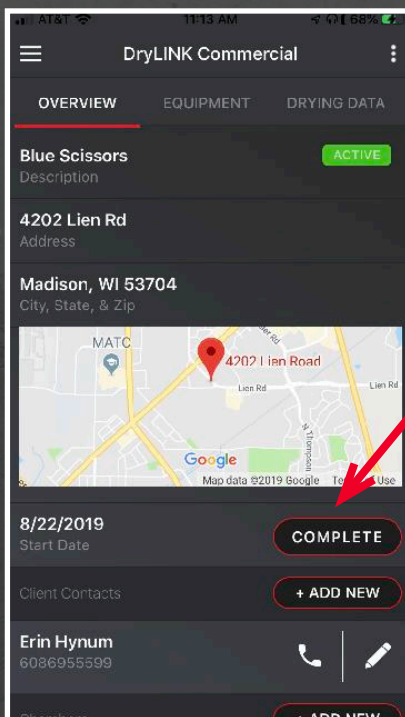
Clicking the "Complete" button on the job overview screen will close, prevent any additional drying log entries, remove the job from the list of active jobs, and remove all of the equipment from the job.

Click "Complete" to confirm that this job has ended.

THE DRYING LOG

The Drying Log is a web link which can be shared with anyone. When daily readings are taken and uploaded to our cloud, the Drying Report updates in real-time. There are two options to create a pdf. You can create a pdf of just the summary page or of the entire drying report.
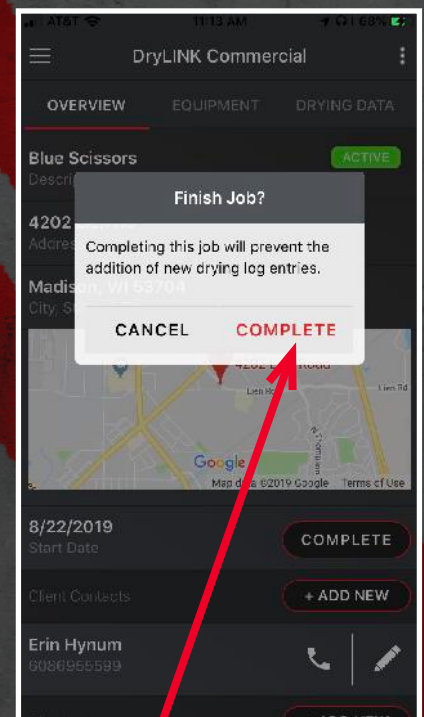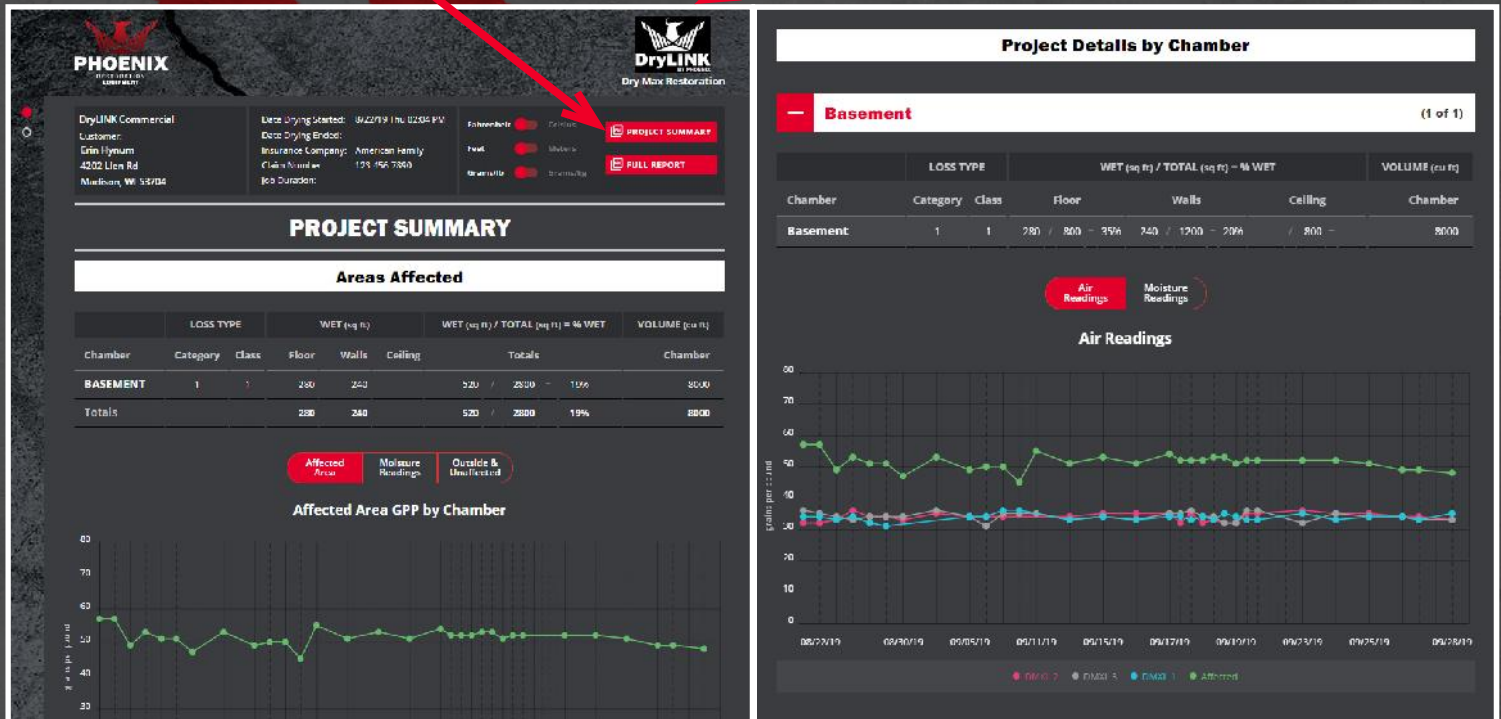
You can also add your company's logo to the report. (see page 25)

The first section of the report is the Project Summary. The affected areas are listed with the dimensions of each chamber and the calculated square footage and cubic footage. The totals of all chambers is listed at the bottom.

There are summary charts for the affected area, material readings, and outside and unaffected areas. You can click on the graph you wish to see.

The circles on the top left help to quickly navigate through the report. The top circle will take you to the summary page. The remaining circles will be for each chamber. At the top right you will see a toggle to allow you to switch between imperial and metric measurements.

Each chamber will open and close using the + and − symbols next to the chamber. Inside each chamber you will see the dimensions of each chamber and the calculated square footage and cubic footage.

There are two charts, one for the air readings and one for the material readings. Each reading per piece of equipment is represented on the graph. If you take more than one reading in a day it will show two readings evenly spaced for that day.

THE DRYING LOG

Each Chamber will have all of the daily air readings in a table.

The red arrow on the right side
allows you to scroll as needed to see all values.

The material moisture readings are broken up into tables for verified readings (automatically from a sensor) and manual material readings.

You set the drying goal and the reading will turn green when the goal is reached.

VERIFIED MATERIAL READINGS - CHAMBER AVERAGE — Goal Achieved

Type - Material	Dry Goal	12/10/2018	12/11/2018	12/12/2018	12/13/2018	12/14/2018
Ceiling 1 - Drywall	13	38	24	19	12	12
Ceiling 2 - Drywall	13	36	23	19	12	12
Wall 1 - Drywall	13	36	22	15	13	12
Wall 2 - Drywall	13	39	25	17	14	12
Wall 3 - Drywall	13	36	23	16	14	11
Floor - Carpet	11	38	10	10	10	10
Framing 1 - 2x6 eng.	14	29	22	18	15	12
Framing 2 - 2x6 eng.	14	27	21	18	14	12
Framing 3 - 2x6 eng.	14	29	22	19	15	12

MATERIAL READINGS - CHAMBER AVERAGE — Goal Achieved

Type - Material	Dry Goal	12/10/2018	12/11/2018	12/12/2018	12/13/2018	12/14/2018
Ceiling		0	0	0	0	0
Wall - Drywall	18	100	65	42	25	16
Floor		0	0	0	0	0
Framing		0	0	0	0	0

EQUIPMENT IN DOWNSTAIRS CHAMBER

Model	Type	Name	S/N	Job Days
DryMAX	Dehu - L	8373-DryMAX XL	A1945604	2
AirMAX	Air Mover .25 - .5 HP	9412-AirMAX	H1881495	2
AirMAX	Air Mover .25 - .5 HP	9443-AirMAX	H1881496	2
AirMAX	Air Mover .25 - .5 HP	AirMAX	H1881498	2

1 / 7 >

Each piece of equipment in the chamber is listed individually with the model, type, name, serial number, and days on the job. The job days are calculated based on a calendar day. If a unit was on the job for any part of a calendar day that is one day.

JOB SECTION DETAILS

Job Over Tab

Job Start Date
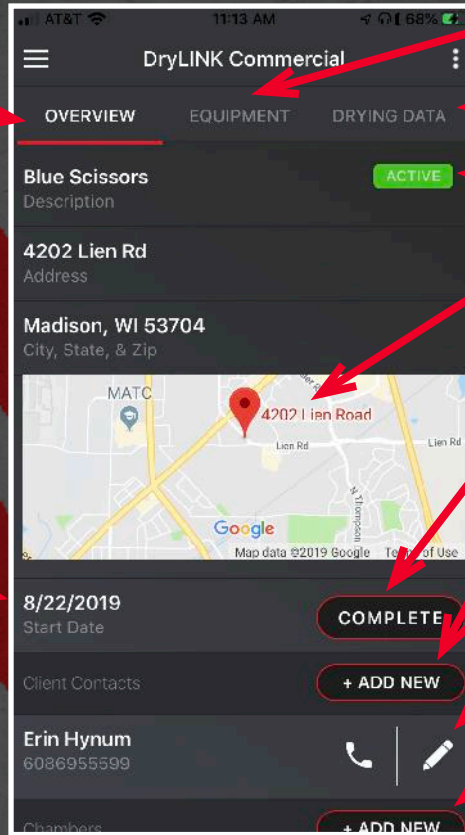
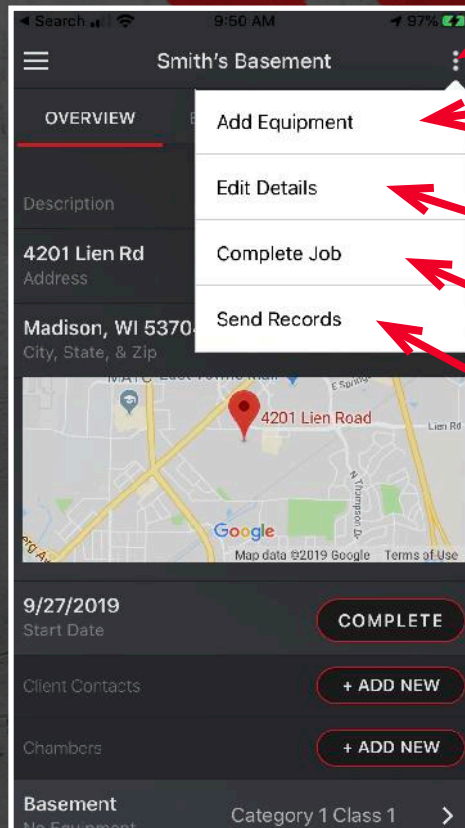**Equipment on the job**

Drying Data on the job

Job Status

Click Map to open your default map program for directions to the job

Complete Job Button

Add new contact

Edit/call existing contact

Add new chamber

Ellipsis—Drop down menu

Add equipment to this job

Edit job details

Complete this job

Send a dynamic link to the drying log using your phone native sharing applications

EQUIPMENT SECTION DETAILS

The "NEARBY" tab shows all smart equipment within Bluetooth range.

Your company's equipment shows first followed by equipment owned by someone else and then new equipment which has not yet been claimed.

Downloading (red down) grabbing data via BLE from the dehu
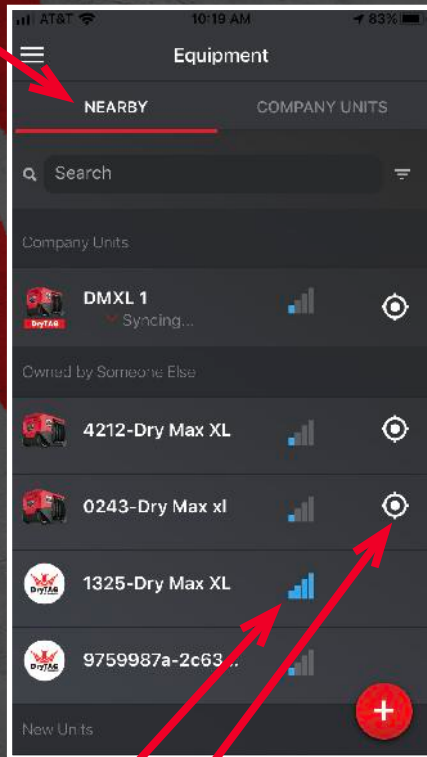
Signal Strength Locate Dehumidifier

COMPANY UNITS

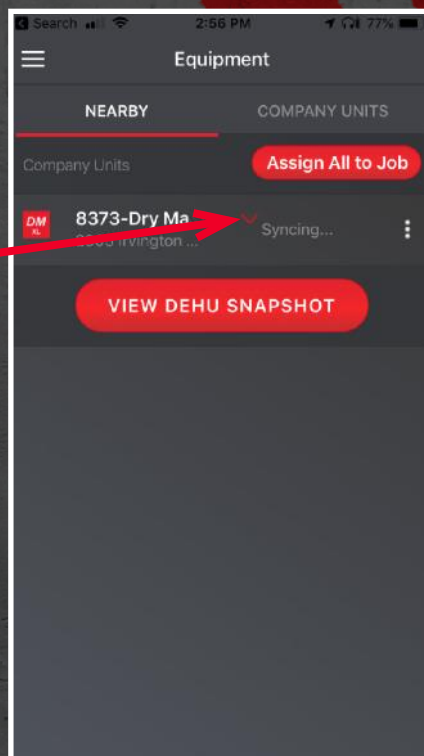The Company Units tab will show all equipment owned by your company, including non-smart equipment.
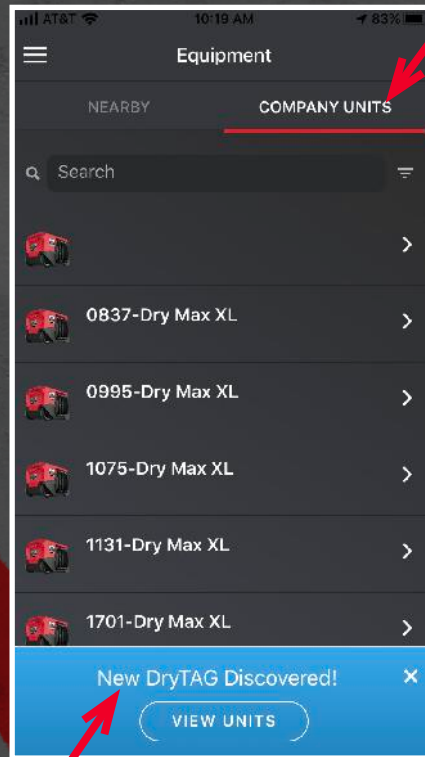
New, unclaimed smart equipment discovered.

Uploading (green up arrow) sending to the cloud via cellular or WiFi.

Data Status Waiting?—Waiting to connect to the device.

Syncing—from device (red) and to the cloud (green).

320 Bytes—Amount of data synced.

Data Synced (Green check mark). All data was properly transferred and uploaded to the cloud.

EQUIPMENT SECTION DETAILS

Equipment Name (click the pencil to edit)

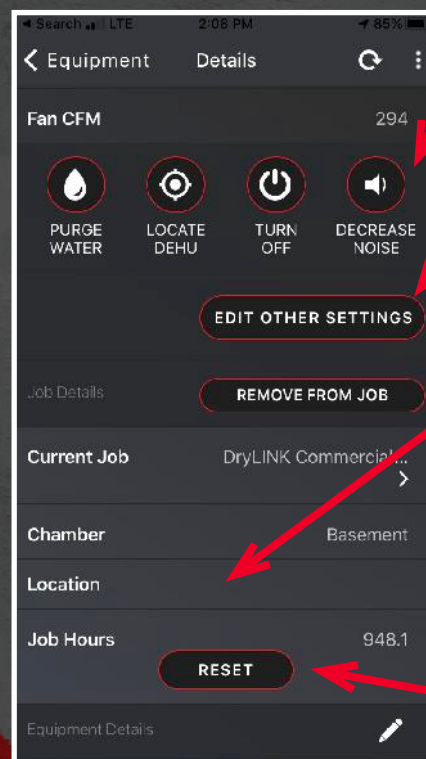**Job it is on Chamber it is in**

Bluetooth singal strength

Euipment status
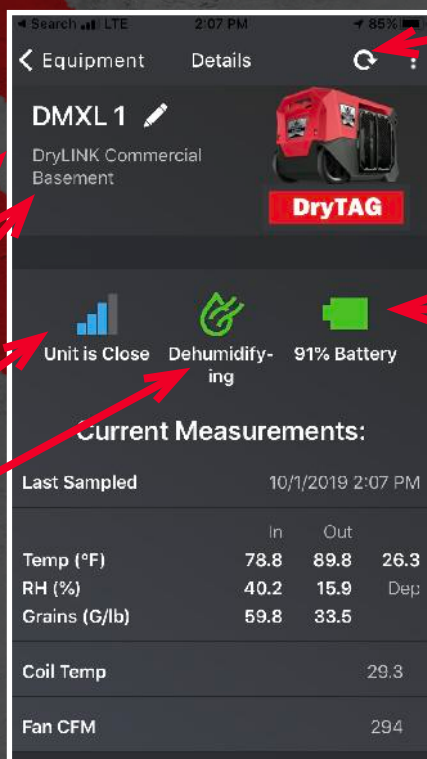
Refresh Data

DryTAG Attached (Banner)

DryTAG Battery Life
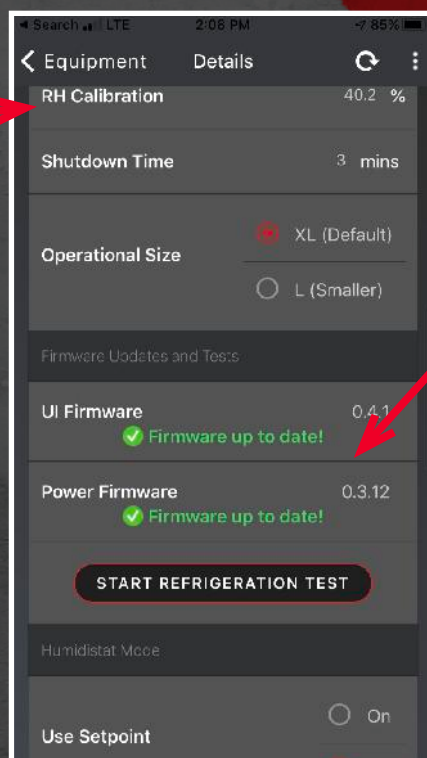

Control by Bluetooth

See picture below

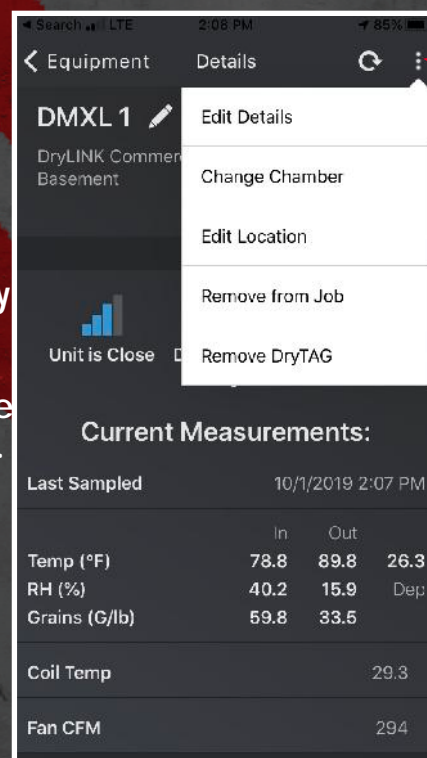**Optional location feld to specify where on a job the unit is located.**

Reset Job Hours

Enter the value of a known good meter to Calibrate.

Shutdown Time *(See below for more information).

Operational size is only available on DryMAX XL and will always default to XL

**If needed, you will automatically be prompted to update your frmware by Bluetooth.**

Ellipsis Dropdown Menu

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*The shutdown time is an important feature. The fan runs for the predetermined amount of time to bring the coils back to the ambient temperature so they stop condensing. After this is completed a purge cycle is run to remove any remaining water. Failure to allow this step to complete may result in water leaking out during transportation.

ADDING DryTAG TO EXISTING EQUIPMENT

Click on "New DryTAG Discovered" to get the Add DrytAG to Company" Screen.
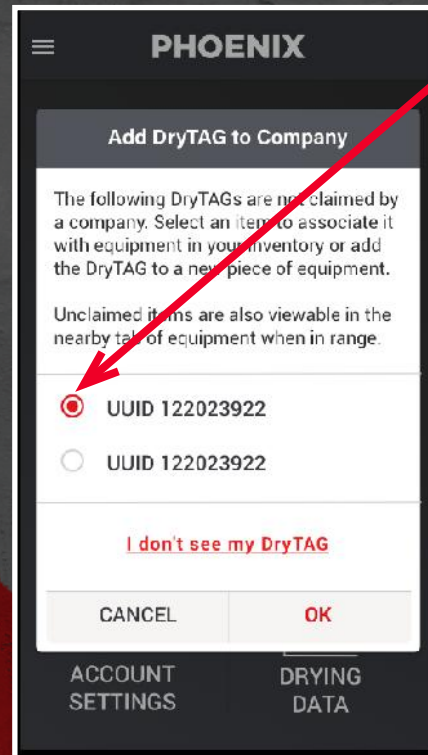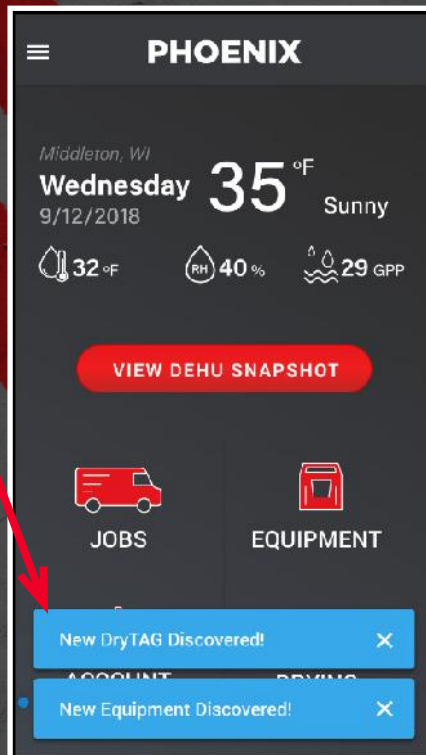
Click on the UUID for the specific DryTAG you are adding to you company. You can find this number on the DryTAG or on the box. You must add one at a time.

Select the piece of equipment you would like to add the DryTAG to from your inventory list. If it is not already in your inventory you can select "Add New Equipment" and add it now. See page 11 for instructions on "Adding non-smart equipment to your inventory
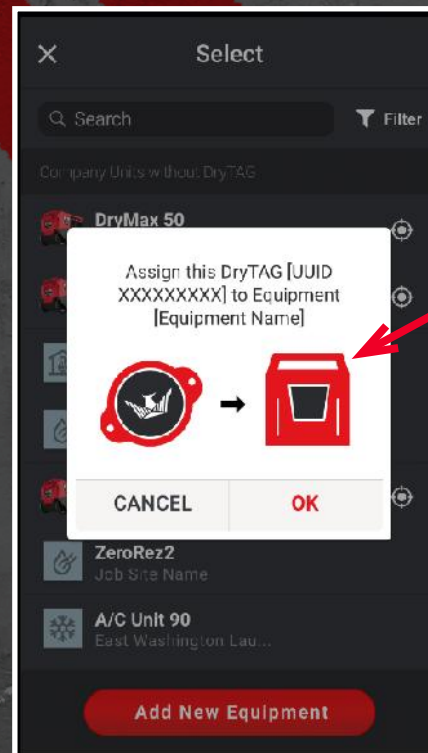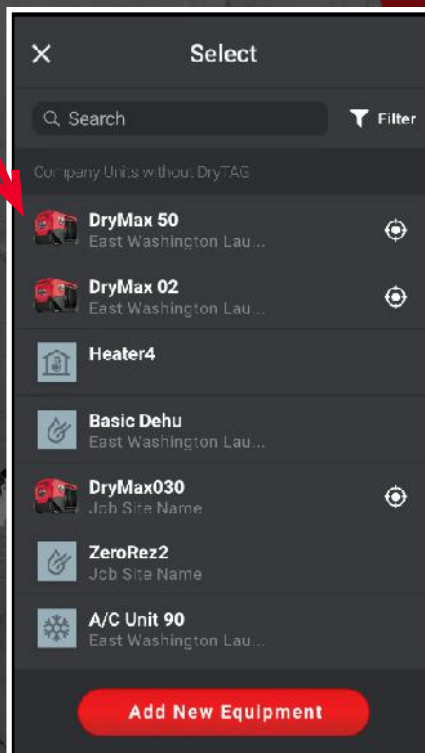
Confirm that the UUID and the equipment you are adding it to are correct and click okay.

SETTINGS SECTION DETAILS

The units of measure can be changed as follows:

Temperature

Fahrenheit or Celsius

Specific Humidity

Grains Per Pound or Grams per Kilogram

Notifications can be by email and/or text message

Your information

Change your password

Set units of measure

Set method of notification

Edit your company name

Current App versions

Units of measure dialog box

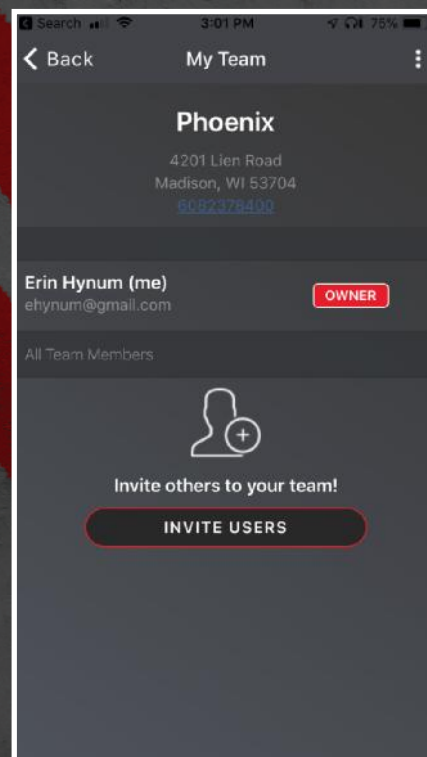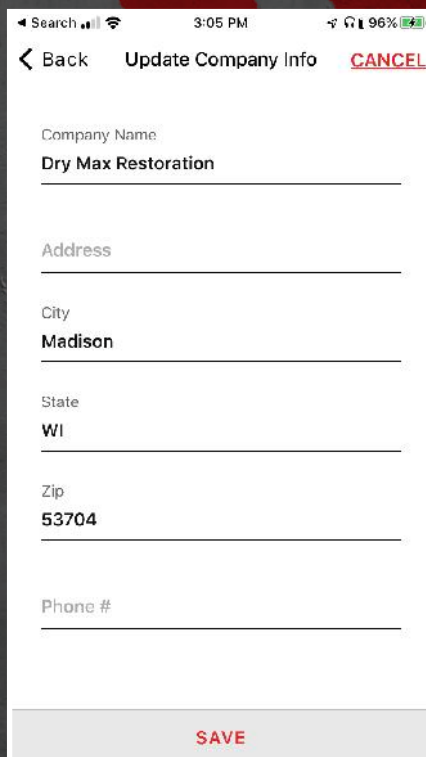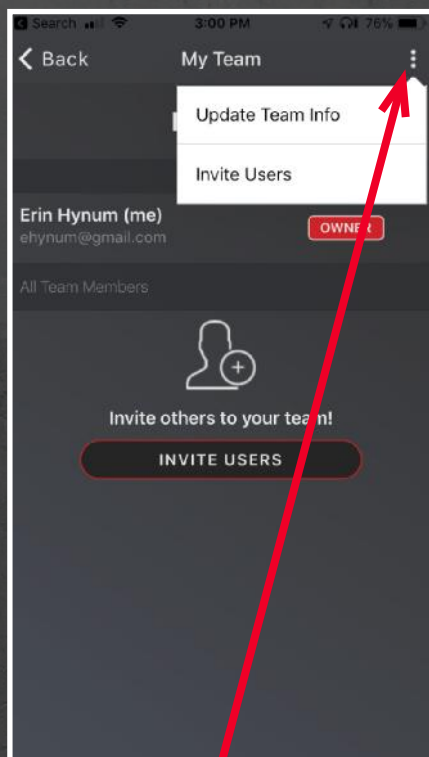**Notification Dialog Box**
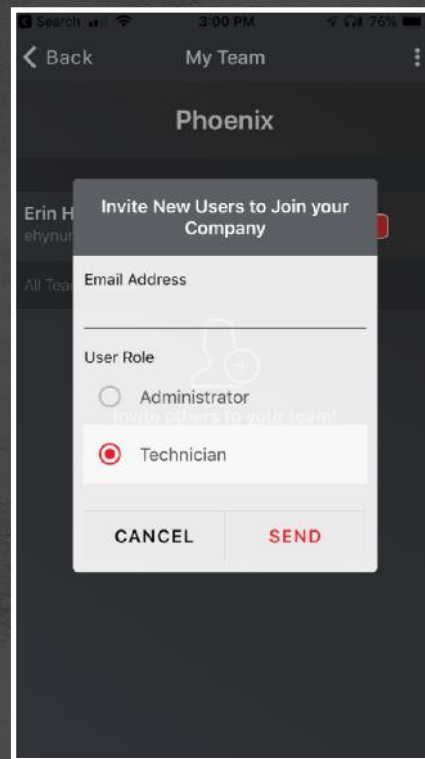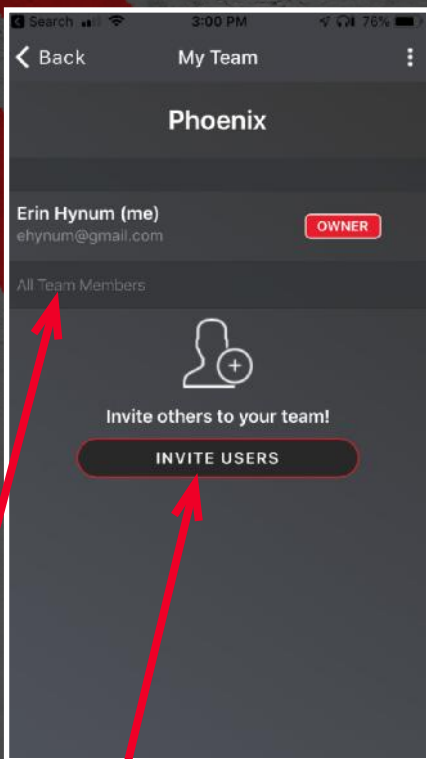
Under "My Team" you will see a list of all current team members and you will be able to invite others to join.

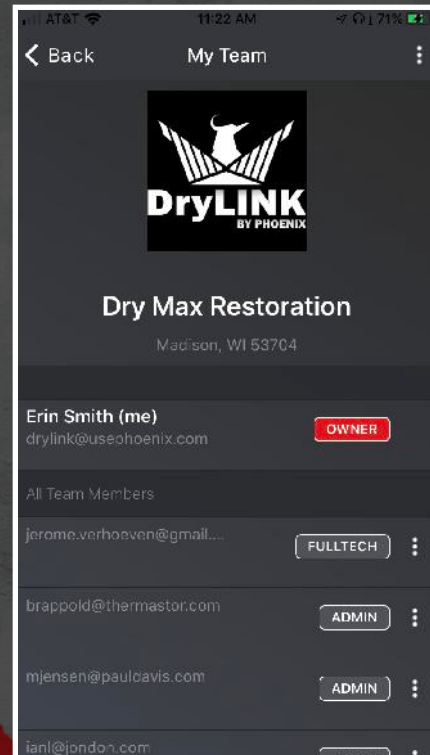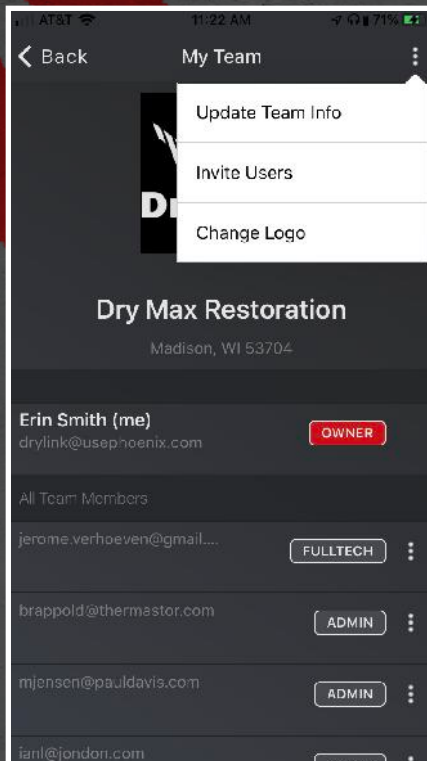Administrators can add or delete other users and dehumidifers. Technicians cannot perform these functions.

Use the ellipsis in the upper right corner to update your team information.

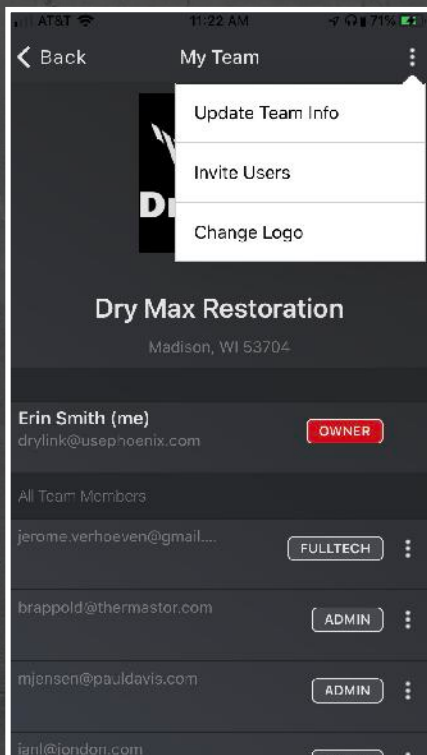Once you have updated the information, click "DONE" to save.

SETTINGS SECTION DETAILS
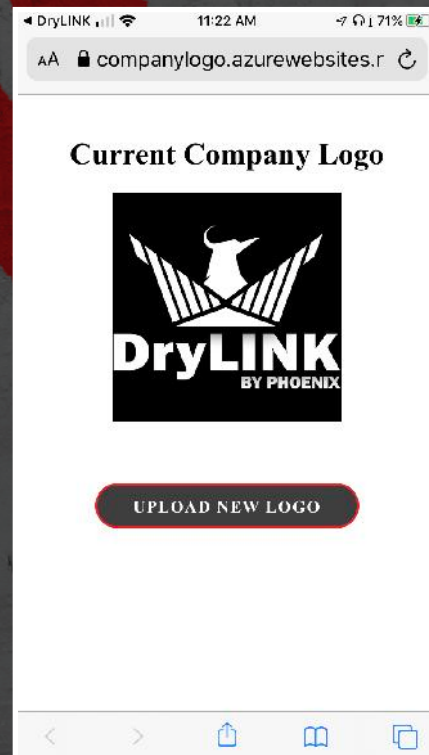
Add/Change Your Company's Logo

Under "Account Settings" click on "My Team".

If you have updated a logo it will show at the top along with the owner and the members of your team.

Click on the ellipsis and "Change Logo" to add a new logo.

On the website click "Upload New Logo" to add or change the logo.

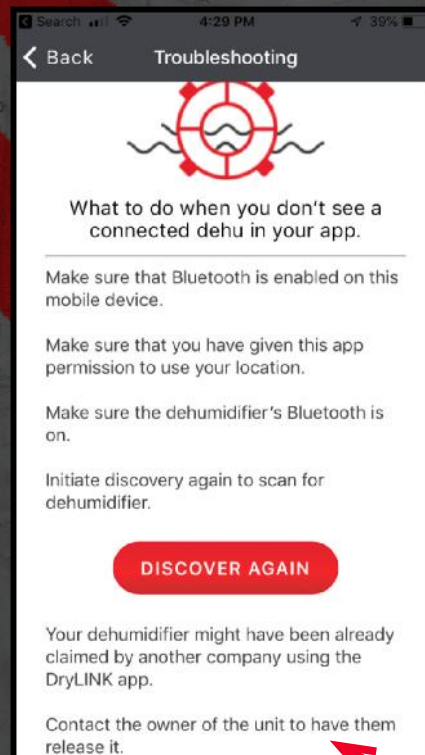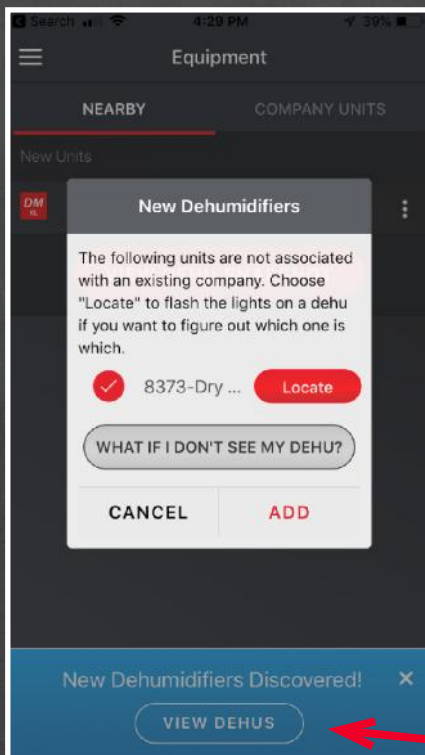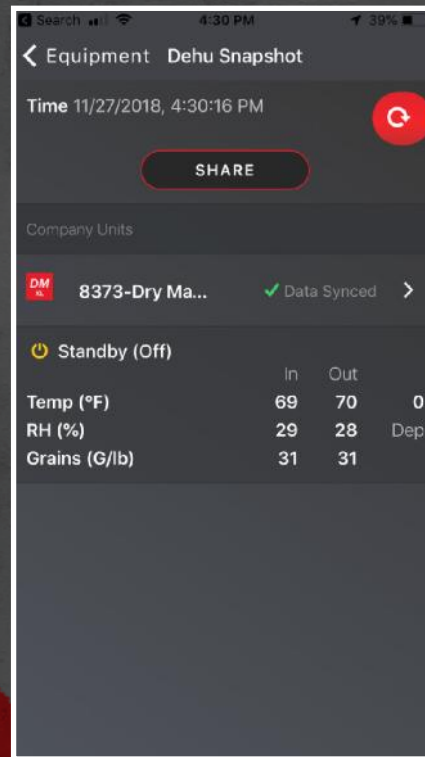Dehu Snapshot will give you the following information for each smart dehumidifer within range:

Inlet/Outlet Temp

Inlet/Outlet RH

InletOutlet Grains

Grain Depression

Current Equipment Status

If you do not see your unclaimed dehumidifer listed when you click "View Dehus", click "What if I Don't See My Dehu" and you will get this troubleshooting menu.

TROUBLESHOOTING & ADDITIONAL INFORMATION

SWIPE GESTURES

Swipe left or right to scroll through the chart data by time. Swipe left to move forward in time, swipe right to move back in time. If the entire time of the job is already visible on the job you will not be able to swipe left or right unless you zoom in as you are already viewing the entire job. Double tap or use two fingers to swipe out. Double tap to zoom-in which shows less time and more granularity in the data. Areas with grip type data may have swipe left to delete.

UPDATING FIRMWARE

There are two types of firmware you may update. The User Interface or UI Firmware and the Power Board or Power Firmware. The app will tell you if it has the latest firmware. If you need to update one or both of your firmwares simply click the update firmware button while in Bluetooth range of the dehumidifier you are updating. Stay within range the entire time and make sure your phone does not go to sleep during the process. The power board will take longer than the display board but neither take more than a few minutes.
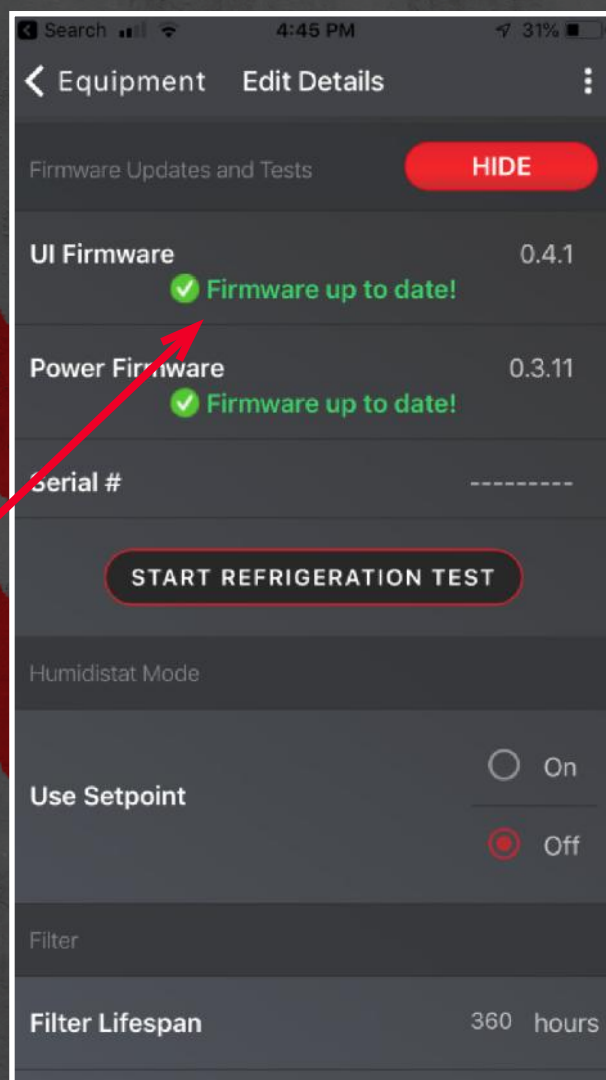
Customer Service: 800-533-7533

Erin Hynum: ehynum@thermastor.com

For more info on DryLINK

Scan me

PHOENIX