

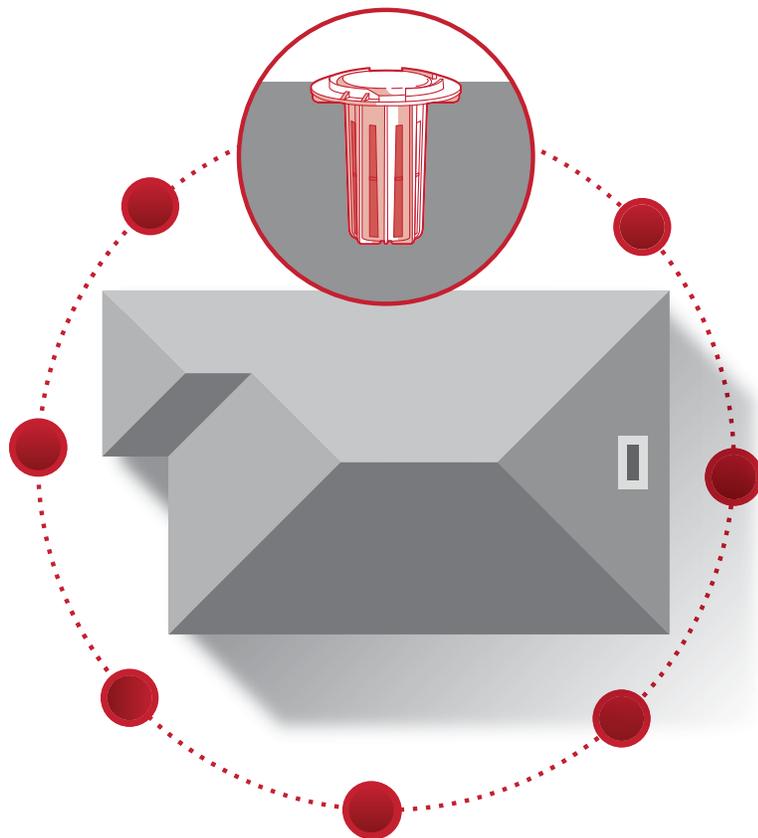
■ BASF

We create chemistry

Encircle™

Remote Termite Detection System

Installation Instructions



IMPORTANT

When installing the Encircle™ Remote Termite Detection System (RTDS), always follow the instructions in the following order. Altering the order of these steps will result in communication delays.



Prior to the site visit, install and activate the Encircle RTDS App on your mobile phone or tablet by scanning the QR code to the right or by visiting: <https://rtds.MyEncircle.com>

1

Prepare

- A. Connect the Encircle Gateway
- B. Activate the Encircle Gateway
- C. Determine the number of Encircle Stations needed
- D. Activate the Encircle Smart Sensors

2

Install

- A. Install the Encircle Stations and Smart Sensors
- B. Customize the sensor map and upload a structure diagram

3

Conclude

- A. Confirm communication
- B. Turn on Encircle Smart Sensor alerts



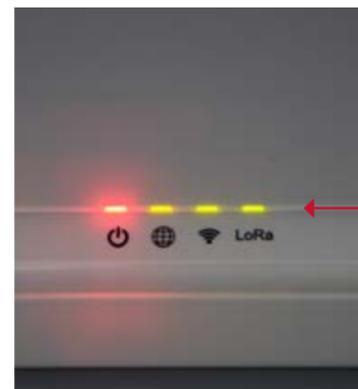
1. Attach the antenna to the Encircle Gateway.



2. Plug one end of the ethernet cable into the Encircle Gateway and the other end into an available port on the customer's Internet router.



3. Connect the power cable into the Encircle Gateway and plug into an available power outlet.



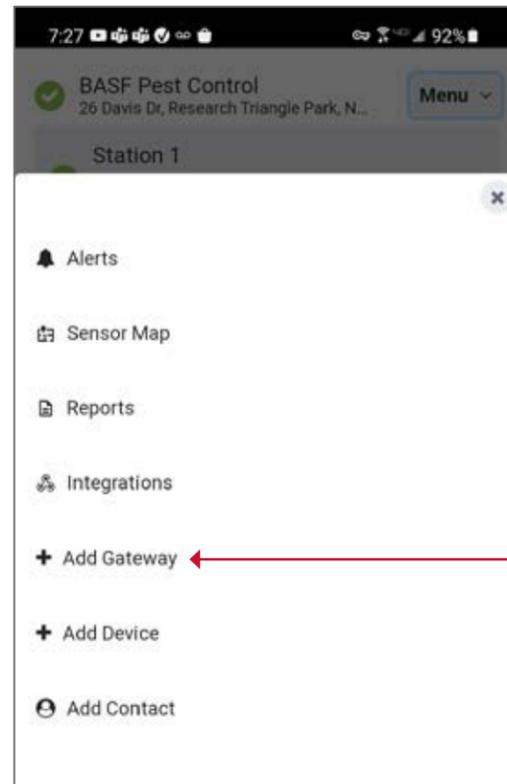
4. When all four lights are on and steady, the Encircle Gateway is ready (power light will be red, all other lights will be green).

CONNECT the Encircle™ Gateway

1A

ACTIVATE the Encircle™ Gateway

1B



1. Log in to the Encircle App
2. Click on customer's location
3. Select Menu
4. Select Add Gateway



5. Scan the QR code on the bottom of the Encircle Gateway, or manually enter the entire EUI code starting with the "eui-" characters



1. Mark the locations around the structure where the Encircle Stations will be placed to determine the number needed
 - The recommended spacing between Encircle Stations is 10 to 15 feet, but the maximum distance should not exceed 20 feet
 - Where sufficient access to the ground is not available (i.e., when adjusting for landscape and/or structural features, a wide driveway or patio) the maximum distance between Encircle Stations should not exceed 30 feet
 - Install 2 to 3 feet from the foundation
 - Avoid placement under roof drip line
 - Use concrete stations when drilling into concrete and/or solid landscape features.

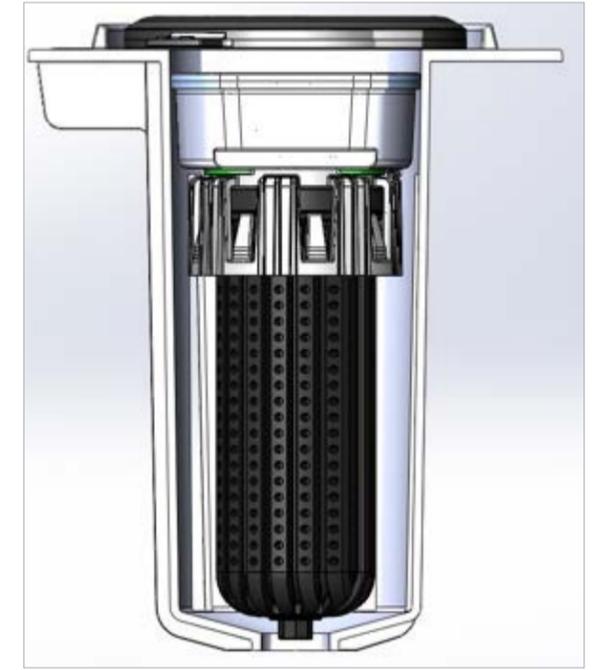
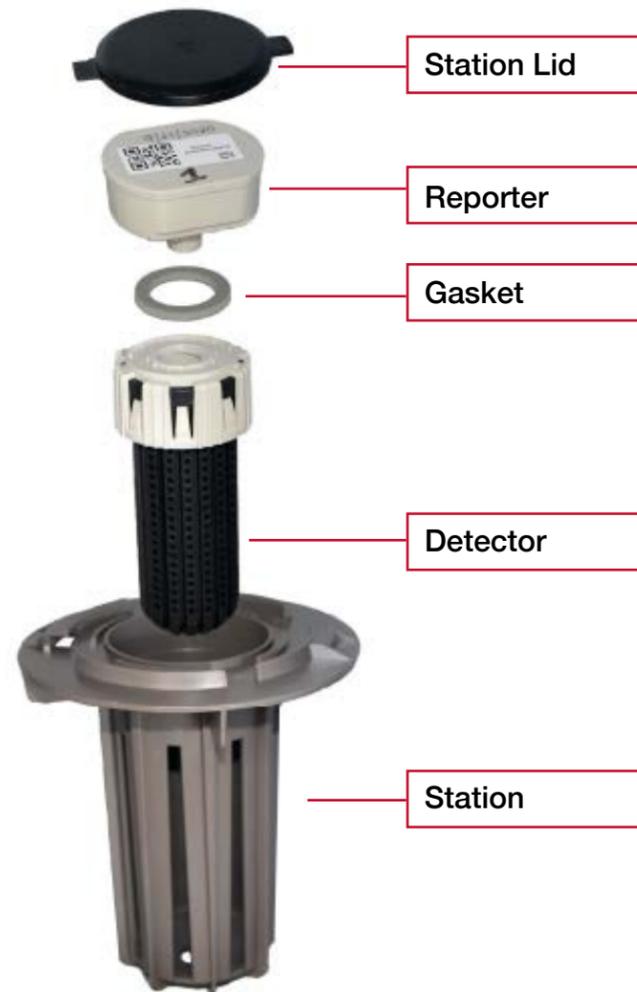
DETERMINE the number of Encircle™ Stations needed

1C

ACTIVATE
the Encircle™
Smart Sensors

1D

Components of the Encircle™ RTDS Station

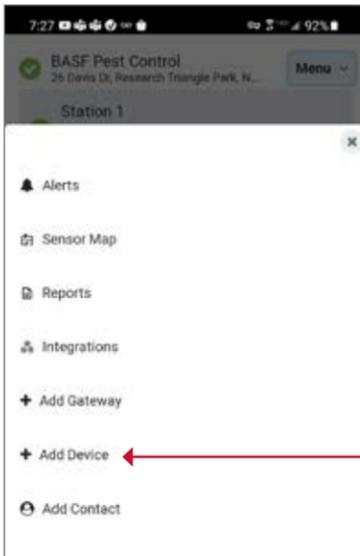




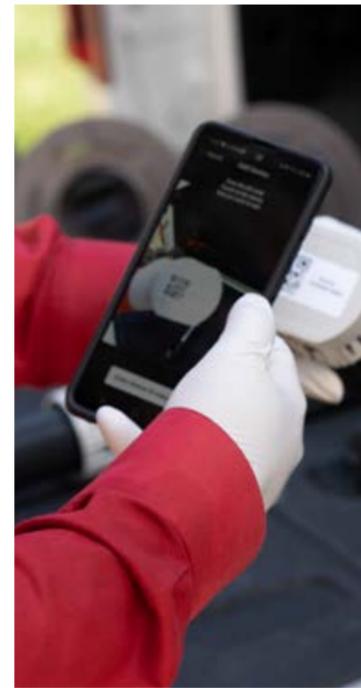
1. Wearing gloves is recommended, but not required



2. Connect the Reporter (Top) to the Detector (Bottom). For the device to work properly you must
 - Lay down components on a clean surface to protect the contacts from dirt, debris or moisture while connecting
 - Ensure that the gasket remains seated properly while connecting the two components
 - Twist until the tab of the Reporter meets the tab of the Detector to ensure a tight connection (see tabs circled in image)



3. Open the Encircle App
4. Click on customer's location
5. Select Menu
6. Select Add Device



7. Scan the QR code on the top of the Encircle™ Smart Sensor, or manually enter the EUI code without the “DevEUI” characters
8. Give the sensor a nickname in the App for ease of identification (e.g., 01, 02, 03, etc.)



9. Using a permanent marker, write the nickname on the Reporter (e.g., 01, 02, 03, etc.)
10. Repeat steps 2 through 9 for all Encircle Smart Sensors

INSTALL the Encircle™ Stations

2A

ALWAYS wear the right personal protective equipment (PPE) for the job



1. Auger/drill holes for the Encircle Stations. Drill holes 1 inch deeper than the height of the station to allow for drainage



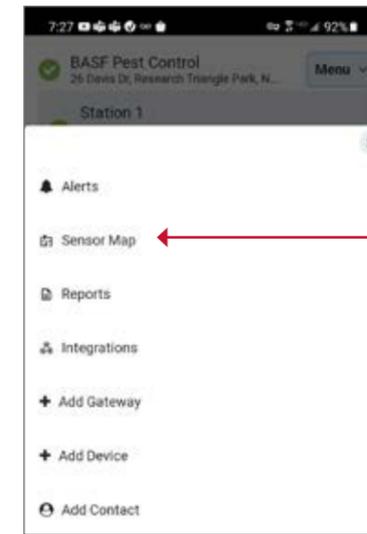
2. Using a permanent marker, write the same numbers on the Encircle Stations that were written on the Encircle Smart Sensors



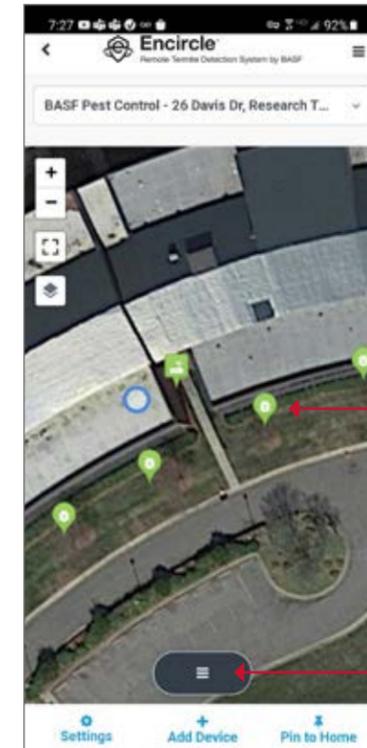
3. Insert the corresponding Encircle Smart Sensor inside the Encircle Station (labels must match)



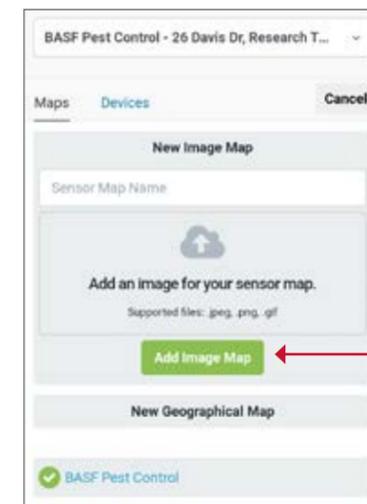
4. Using the spider tool, secure lid into place
5. Repeat steps 1 through 4 as necessary for each Encircle Station and its corresponding Encircle Smart Sensor



1. Open the Encircle™ App
2. Click on customer's location
3. Select Menu
4. Select Sensor Map



5. Drag and drop sensor icons to match locations around the structure (Optional: In the settings tab, lock the sensors in place)
6. Upload the structure diagram by clicking on the detail button (gray 3-line button towards the bottom of the map)



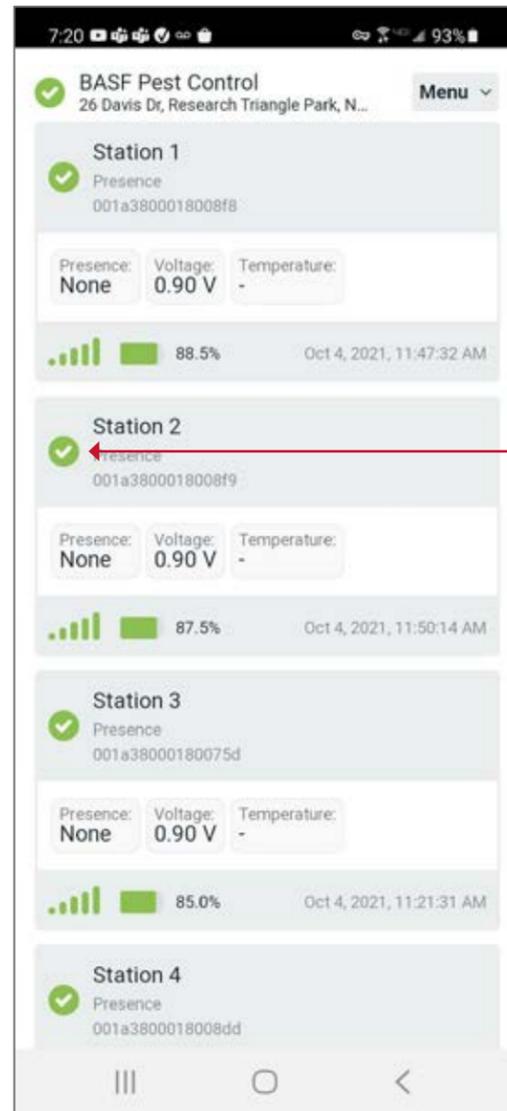
7. Click on the Add Image Map green button to upload your hand-drawn structure diagram (supported file types: JPEG, PNG and GIF)

CUSTOMIZE the sensor map and upload a structure diagram

2B

VERIFY
device
communication

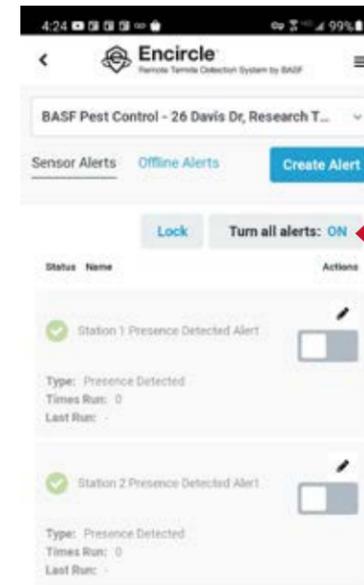
3A



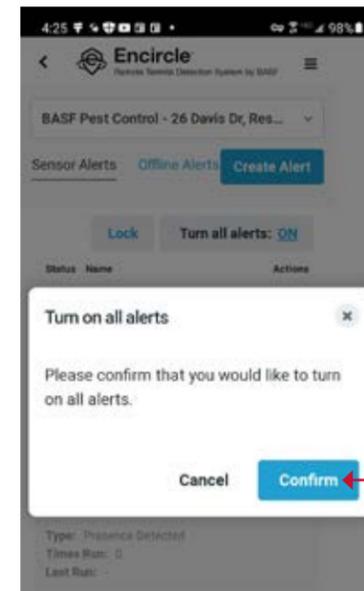
1. Open the Encircle™ App
2. Click on customer's location
3. Verify that the Encircle Gateway and all Encircle Smart Sensors have green check marks to the left of their names

TURN ON
Encircle™ Smart
Sensor alerts

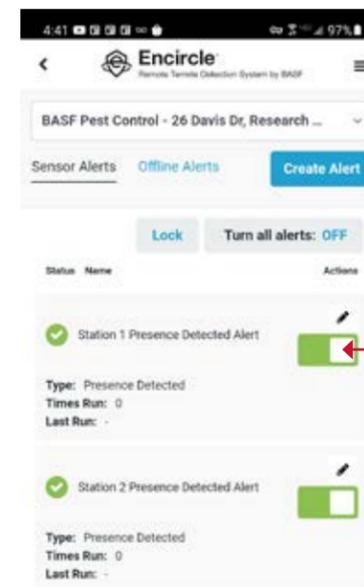
3B



1. Open the Encircle App
2. Click on customer's location
3. Select Menu
4. Select Alerts
5. Click on the gray box labeled "Turn all alerts: ON"



6. Click Confirm in the pop-up window



7. All sensors should now have a green box to the right of their name as shown
8. All done! The installation is complete; close the Encircle App

Encircle™

Remote Termite Detection System

Need Help?

Contact us at

1-800-777-8570 or

SupportMyEncircle@basf.com