

SKF Axios

Quick Start Guide



Getting started

Congratulations on your SKF Axios purchase!

Start by filling out the [account activation form](#). Then follow steps 1–5.

1

Activate account, download app,
access project and add sites



2

Commission and
install gateways



3

Add assets in web or
mobile applications



4

Install and
commission sensors



5

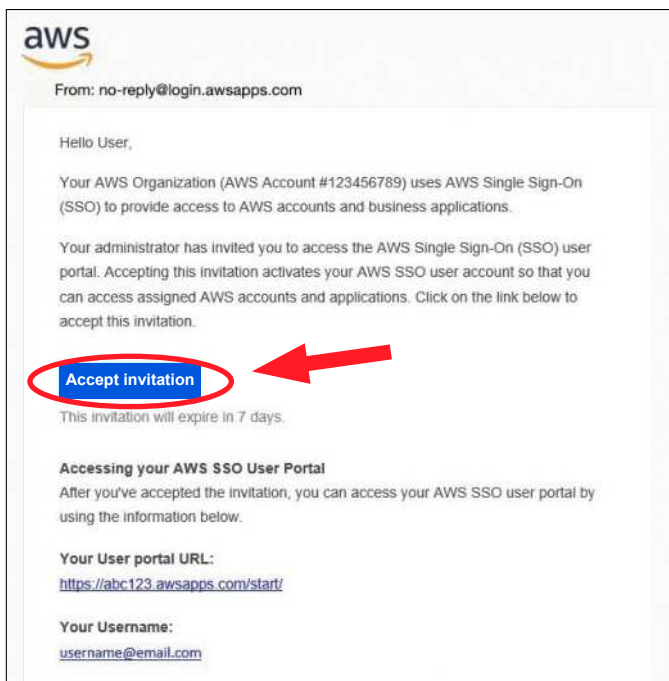
View data trends and
understand alerts



1. Activate account, download app, access project and add sites

Activate your account

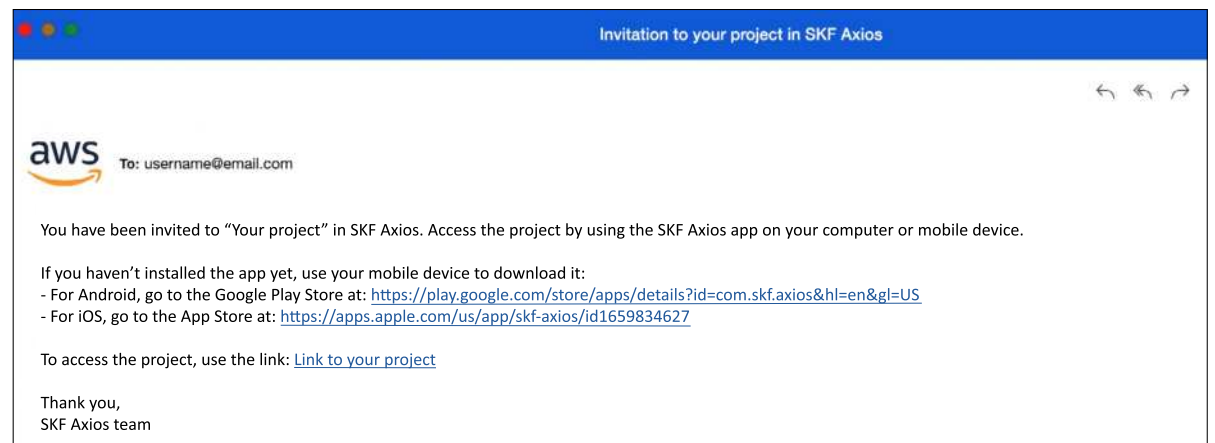
- 1 Receive your **account invitation** from SKF via email.
- 2 Accept invitation and set your password.



Account invitation via email.

Download app and access project

- 1 Receive your **project invitation** from SKF via email.
- 2 Use your mobile phone to download the SKF Axios app from Google Play or App Store.
- 3 Click on the project link to access your project from your computer or mobile phone.
- 4 For quick access, we suggest you bookmark this link in your web browser.



Project invitation via email.

IMPORTANT

Account invitation expires in 7 days!

If your account invitation expired, contact:

[SKF Technical Support](#)

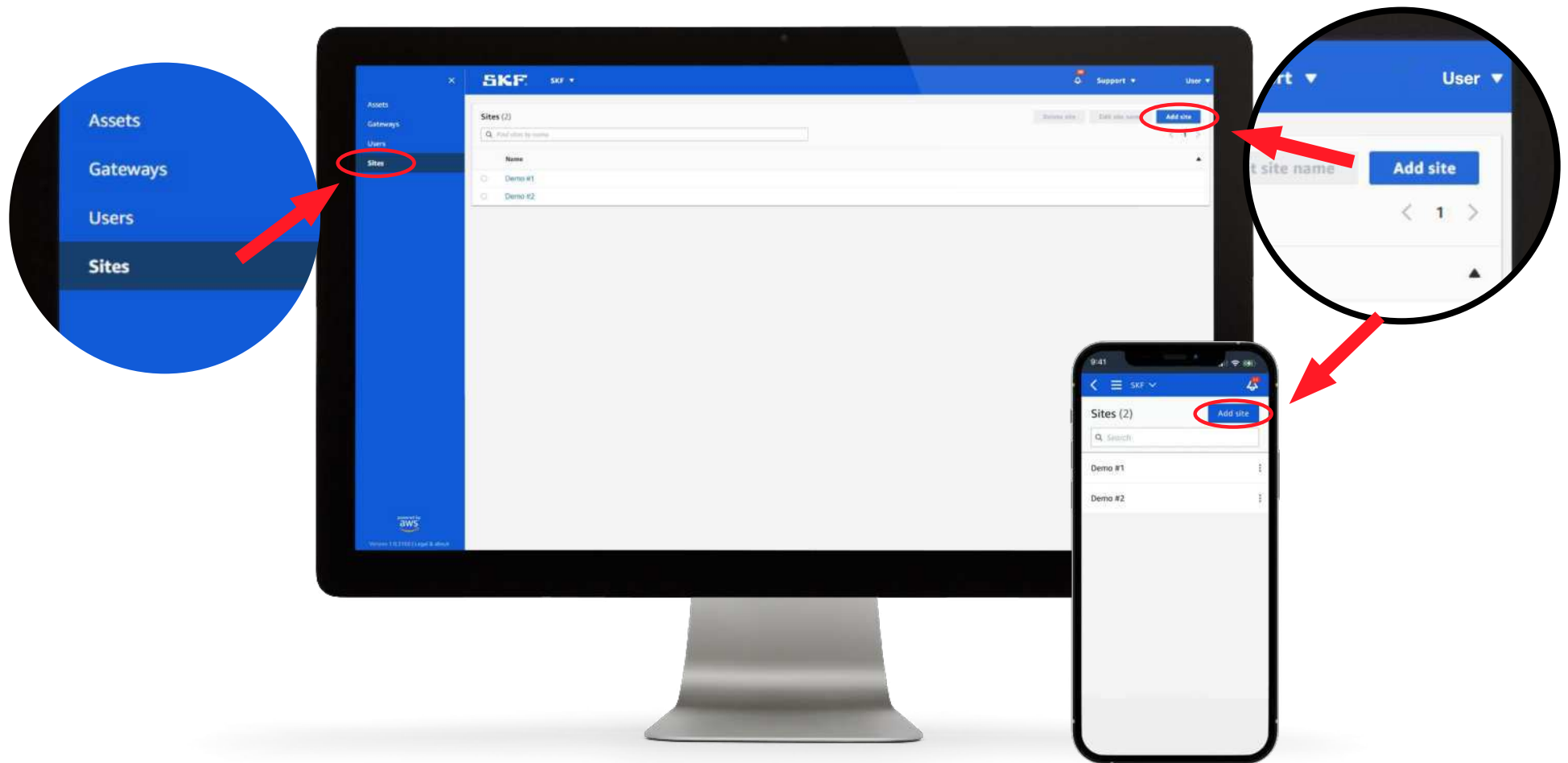
Add sites

Sites can be added in web or mobile application.

- 1 Select "Add site".
- 2 Enter Site name.

IMPORTANT

You must be a Project-level admin user to add new sites.



2. Commission and install gateways

Network considerations

IMPORTANT

Communicate these requirements to your IT Department to get started.



For Wi-Fi Gateways:

- Firewall rules:
 - Allow connection to amazonaws.com and subdomains
 - TCP Port: 8883 needs to be open
- DHCP is the operating mode
- 2.4 GHz frequency band
- Does not work with captive portal; requires network name and password



For Ethernet Gateways:

- Power Over Ethernet (PoE) or TP link PoE150S injector or equivalent required to power the device
- Firewall rules:
 - Allow connection to amazonaws.com and subdomains
 - TCP Port: 8883 needs to be open
- DHCP or Static IP

Install gateways

- Gateway must be installed in a clean and dry location. It should be placed within 65 to 98 feet (20 to 30 meters) and ideally within line of sight and above the sensors
- Install the mounting bracket on a wall or other location with screws, tape or plastic-tie
- Attach gateway to the mounting bracket



Physically installing gateway



Install option with screws



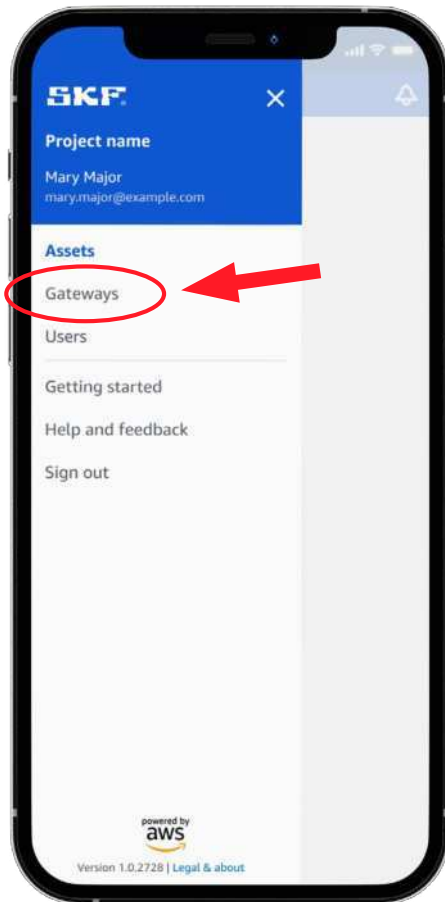
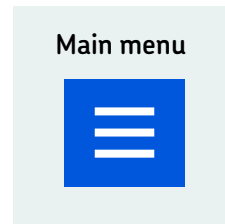
Install option with double-sided tape



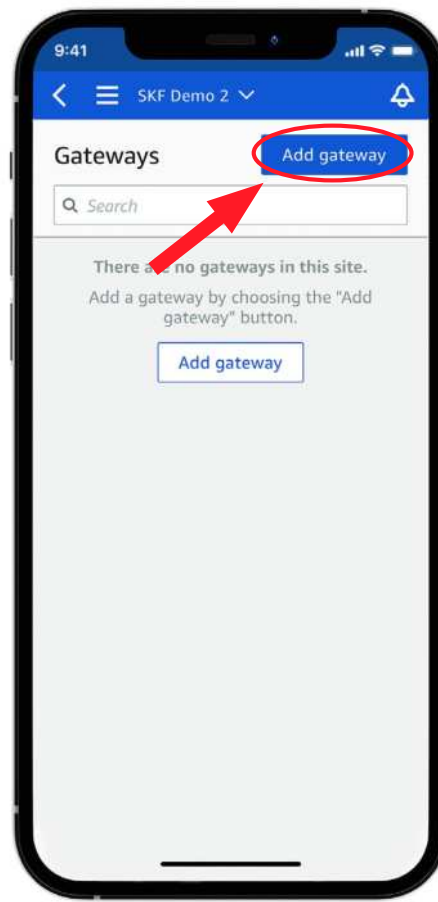
Install option with plastic ties

Commission gateways

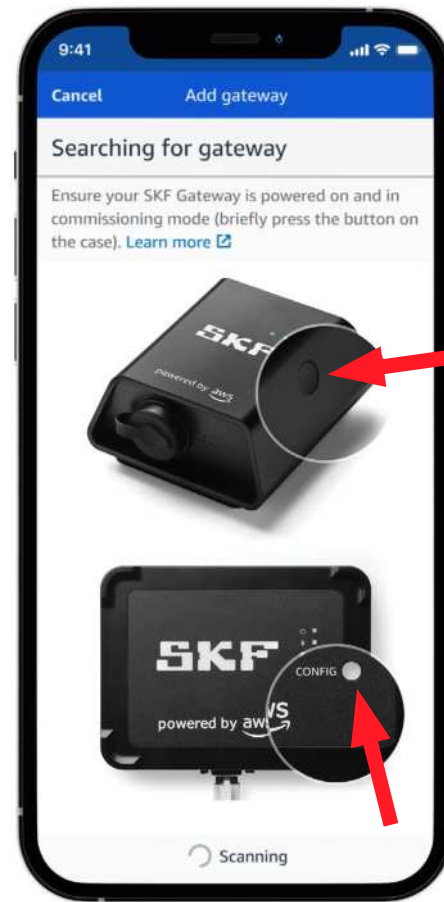
- Turn on your phone's Bluetooth and open the mobile app
- Tap or click on the main menu and follow the steps shown below



1 Tap or click on "Gateways".



2 Tap or click on "Add gateway".



3 Power on the gateway. Push the CONFIG button on physical gateway. See above image for location. Orange and blue lights will flash rapidly.

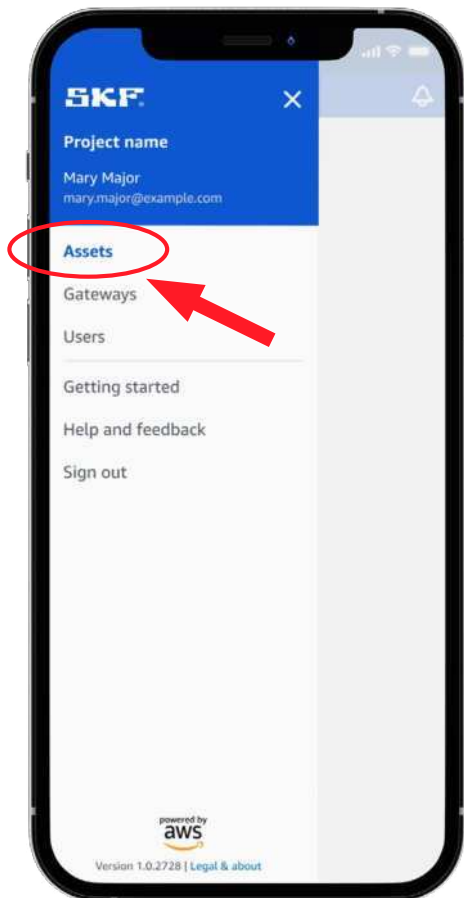
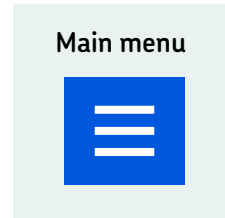


4 Once commissioning is complete, you can verify the gateway is online by the solid orange light.

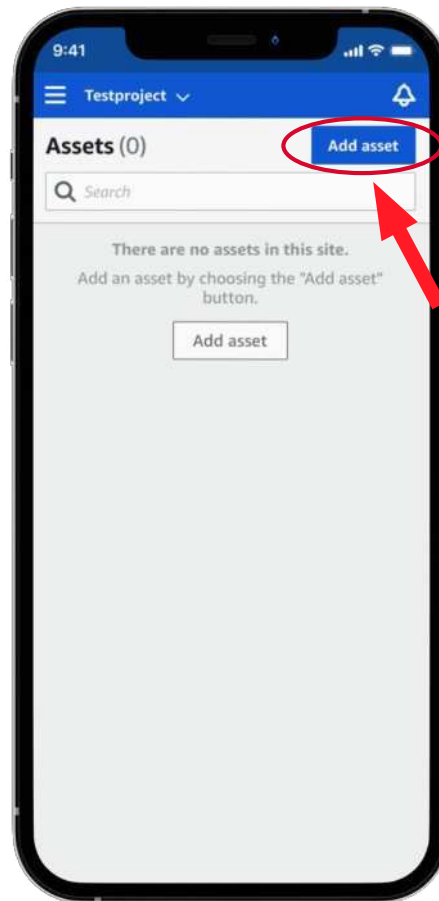
3. Add assets in web or mobile application

Add assets

- Adding “Assets” can be done in web and mobile applications
- It is recommended to always add “Assets” under a “Site”
- Tap or click on the main menu and follow the steps shown below



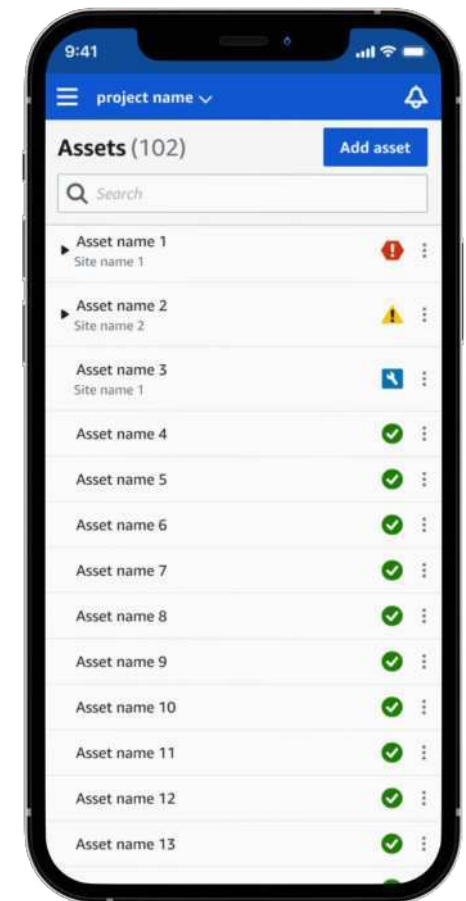
1 Go to “Assets”.



2 Tap or click on “Add Asset”.



3 Enter “Asset name”.

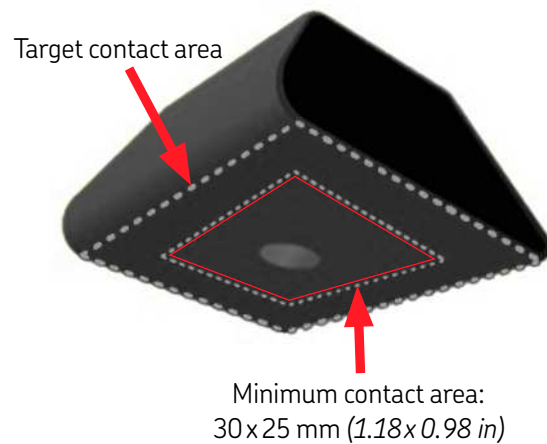


4 View your “Assets”.

4. Install and commission sensors

Install sensors

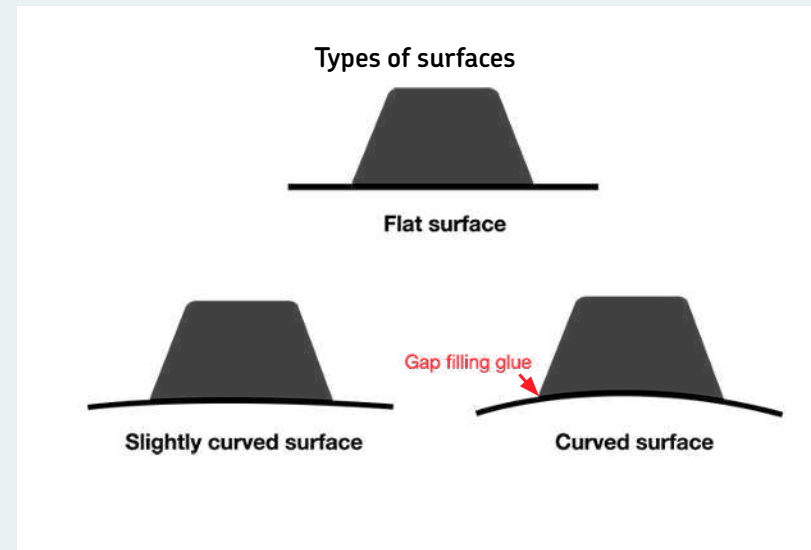
- 1 Clean machine surface with CRC degreaser or equivalent and determine your surface type based on diagrams shown.
- 2 Select appropriate industrial adhesive based on surface type* and use industrial adhesive to glue sensor to machine. Press sensor firmly for 30 seconds.



Example of a curved surface.

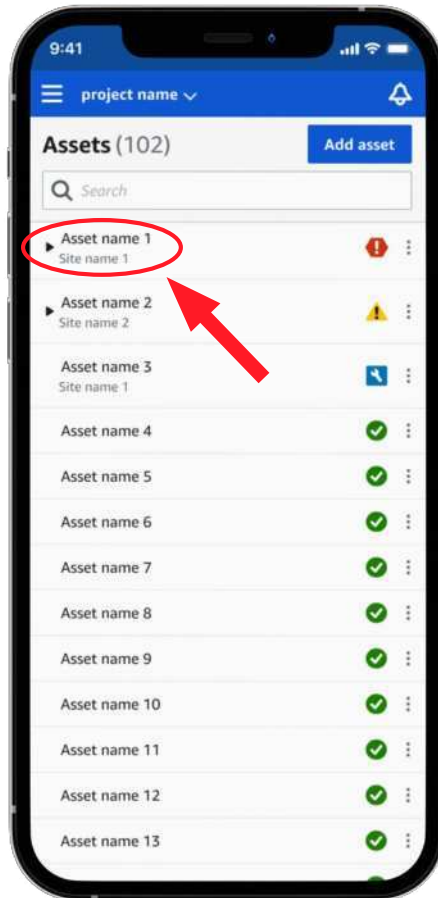


***Recommended industrial adhesive:**
Loctite 454 (flat surface) or 3092 (curved surfaces)
Check your surroundings and manufacturer's Safety Data Sheet

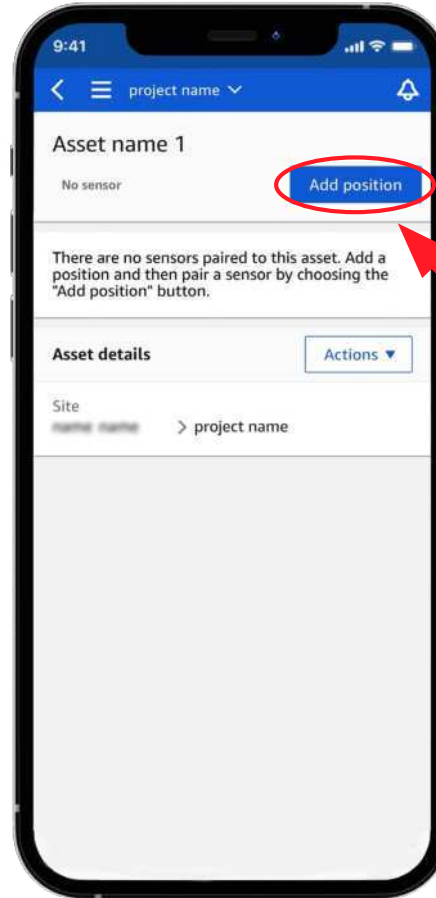


Commission sensors

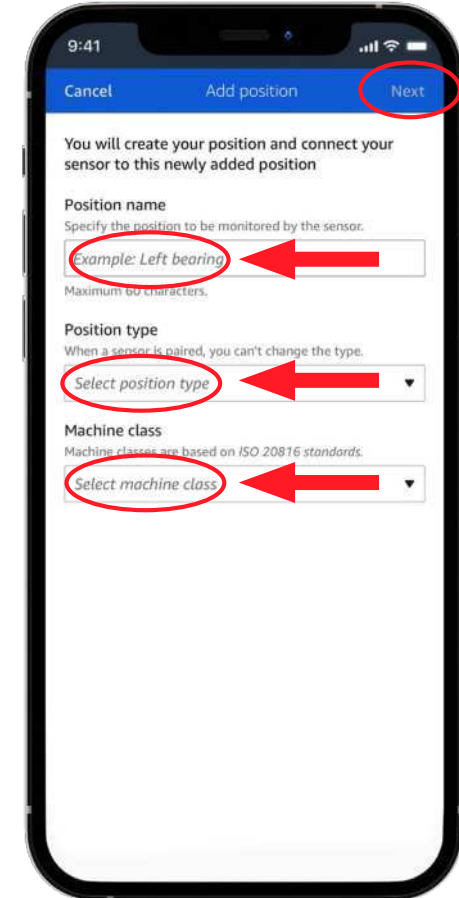
- The “Assets” view is the default screen in the mobile app
- Open the mobile app and follow the steps shown below



1 Tap or click desired “Asset”.



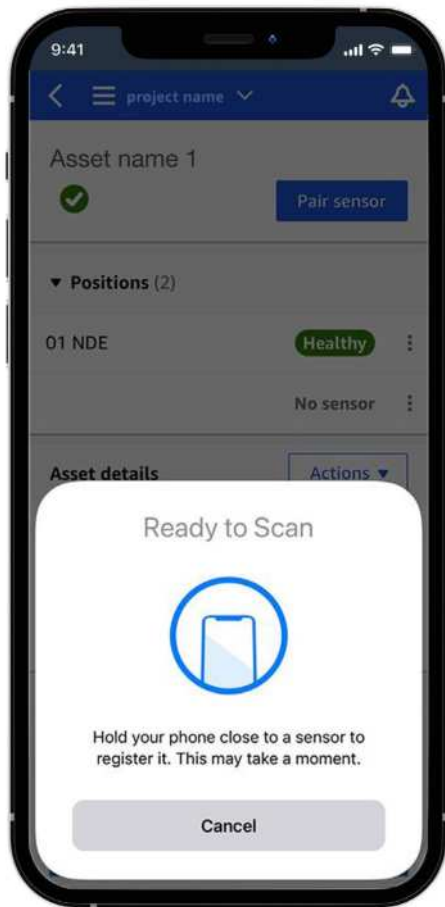
2 Tap or click “Add position”.



3 Enter “Position name”, select “Position type” (bearing, motor, etc.) and select “Machine Class”. Tap or click “Next”.

Commission sensors continued

- Continue the pairing process as shown below



1 Pairing process will start



2 Pair sensor with NFC*.
Hold your phone close to a sensor and do not move to register it.



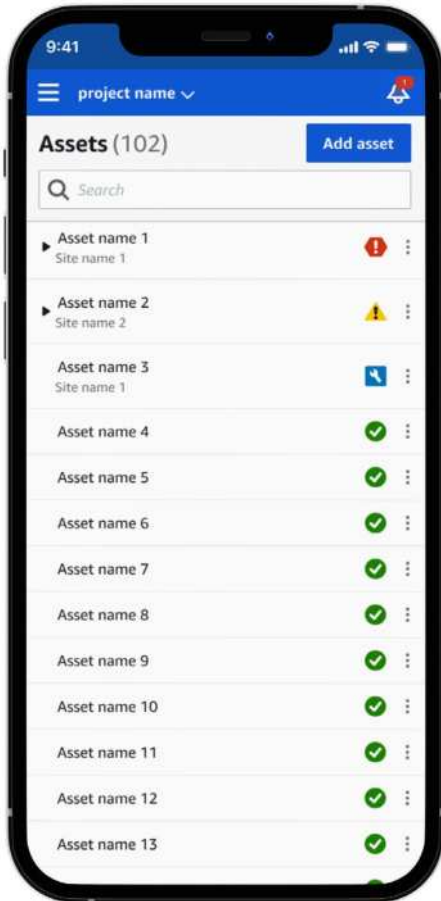
3 Do not move your phone until 100% commissioned.



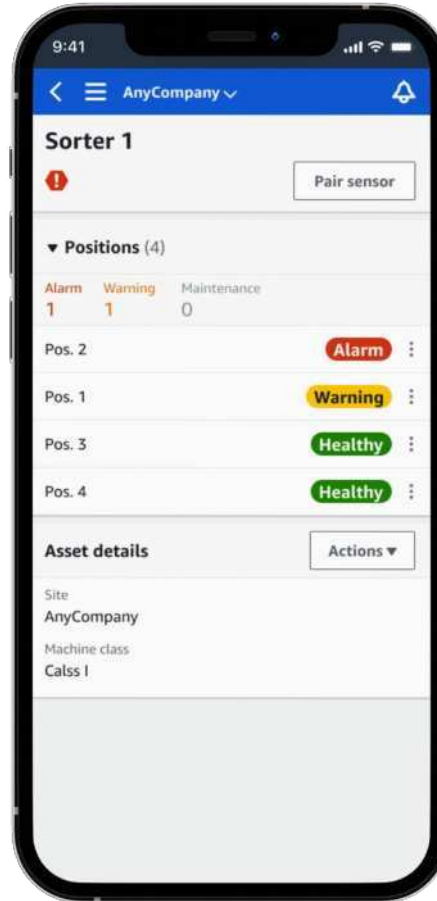
A solid blue light on the gateway indicates at least one sensor is communicating.

* Near-field communication

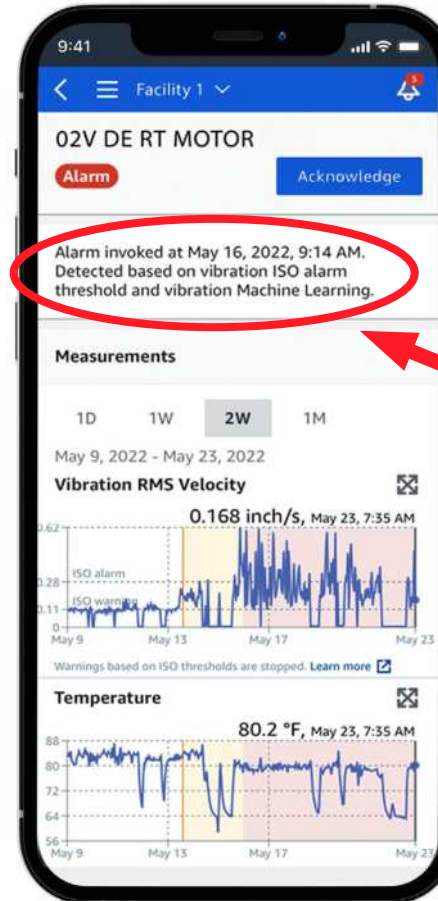
5. View data trends and understand alerts



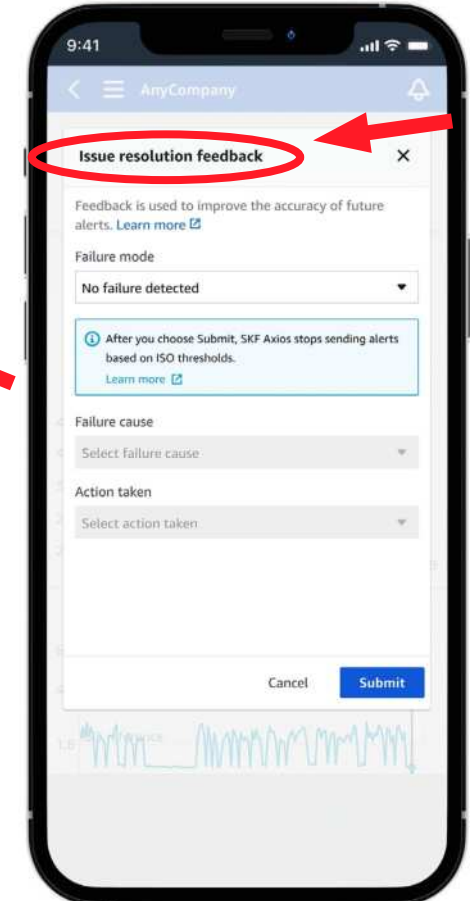
1 Receive push notifications when anomalies are detected.



2 View status at "Asset" and position levels (Alarm, Warning, Healthy).



3 View data trends and acknowledge alerts.



4 Enter resolution feedback to improve accuracy of future alerts.

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