

SKF Axios Quick Start Guide



powered by aws

Getting started

Congratulations on your SKF Axios purchase!

Start by filling out the <u>account activation form</u>. Then follow steps 1–5.



Activate account, download app, access project and add sites





Commission and install gateways





Add assets in web or mobile applications





Install and commission sensors





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.

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.

SKF Axios app

SKF

- **3** Click on the project link to access your project from your computer or mobile phone.
- 4 For guick access, we suggest you bookmark this link in your web browser.



IMPORTANT

aws

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

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Version 1.0.2728 Legal & about			

9:41 project name v \$ Assets (102) Add asset Q Search Asset name 1 0 : Site name 1 Asset name 2 A 1 Site name 2 Asset name 3 **N** : Site name 1 0 : Asset name 4 0 Asset name 5 Asset name 6 Ø 1 0 Asset name 7 1 0 Asset name 8 0 Asset name 9 1 Asset name 10 0 0 Asset name 11 Asset name 12 Ø Asset name 13

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.



Minimum contact area: 30 x 25 mm (1.18 x 0.98 in)



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.
- Please do not move your phone. Commissioning

until 100% commissioned.

Pair sensor

Pair sensor with NFC

9:41 Cancel .il 🕆 🗖



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

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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