

Connected OEM Quick Start Guide

CODOC-X779-en-R102.1

Revision 1, June 2022

Overview

This document provides description and procedures for the quick start guide of Connected OEM.

Connected OEM is a solution on IIoT Technology. It is a Cloud based remote monitoring solution that securely connects equipment installed with Connected OEM data collectors and sensors, providing critical asset data and alarms on the Connected OEM mobile node and Connected OEM dashboard. It improves services responsiveness, equipment efficiency, and reliability.

A plug-and-play solution allows OEMs to monitor their equipment and increase the overall equipment effectiveness (OEE).

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Contact

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E-mail: HFS-TAC-SUPPORT@honeywell.com

Features

- Monitors the health condition of various geographically dispersed equipment.
- Generates customizable asset KPI dashboard using Connected OEM mobile node and Connected OEM dashboard.
- The offering is aimed to help OEMs to create new business models.
- KPI visualization dashboards will help users with faster business decisions, such as instrument repair or adjusting parameter settings to boost overall performance.
- Alarms and notifications will help OEM engineers/ site personnel timely address alarm circumstances.

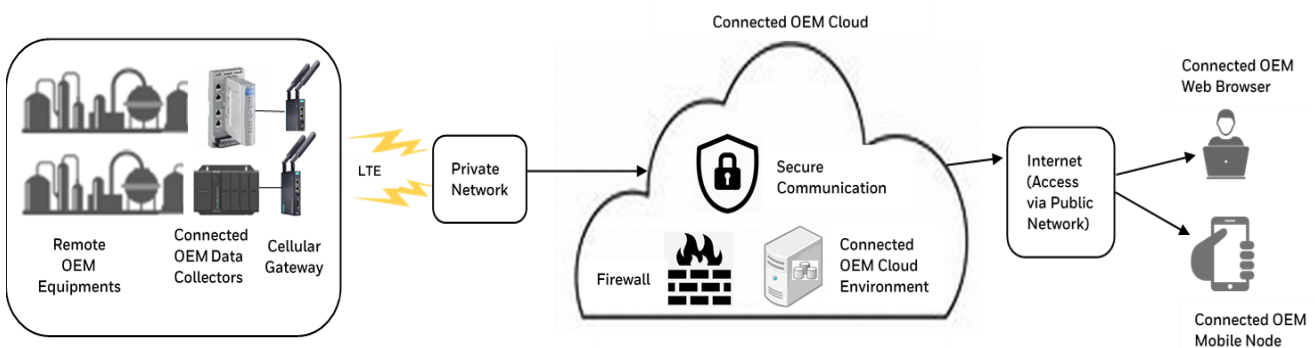


Reference Documents

For additional information, see the list of below documents.

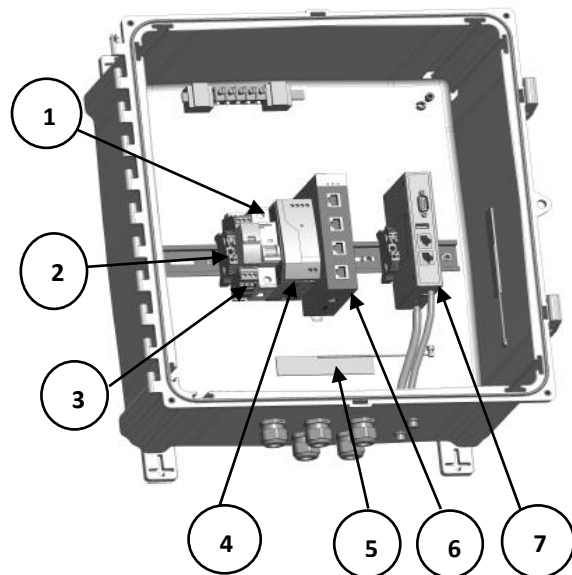
Document Number	Document Name
CODOC-X780-en-R102.1	Connected OEM Installation and Troubleshooting Guide
CODOC-X781-en-R102.1	Connected OEM User Manual
Moxa OnCell 3120-LTE-1 Series	Moxa-oncell-3120-lte-1-series-qig

Connected OEM Architecture



Communication Enclosure arrangement

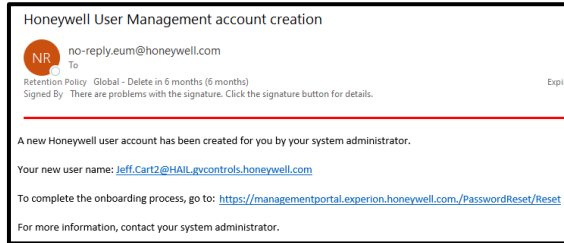
1. Circuit breaker
2. End bracket
3. Type 3 surge protection device (optional)
4. Power supply
5. Antenna (Internal or external options)
6. 5 Port Switch: Network Switch (Optional: When there are more than 2 ControlEdge devices)
7. Cellular Gateway



Getting Started

Prerequisites

1. OEM Admin creates an application account for users using the User Management portal.
2. The user receives an On-boarding email from OEM Admin with a User ID and link to complete the onboarding process.



Specifications

Qualified Data Collectors:

- ControlEdge PLC and ControlEdge RTU

Qualified Gateway:

- Moxa OnCell 3120-LTE-1

Min and Max Equipment Supported:

- As per SaaS Plan and Tiers

Connectivity:

- Equipment Connectivity: Private Cellular Network (LTE)
- IIoT Protocol: MQTT with Sparkplug B
- Network Service Provider: Vodafone or Vodafone Partners

Connected OEM Mobile Node Specifications:

- Minimum iOS Version 11 and above
- Minimum Android Version 6 and above

Connected OEM Dashboard Specifications:

- Recommended browser: Google Chrome.

Download and Install the Honeywell Connected OEM mobile node from iOS device

- Click the URL link or scan the QR code to download and install the app for iOS device.

	
URL	QR CODE
https://apps.apple.com/ch/app/honeywell-experion/id1286598854?l=en	

Download and Install the Honeywell Connected OEM mobile node from Google play store

- Click the URL link or scan the QR code to download and install the app for Android device.

	
URL	QR CODE
https://play.google.com/store/apps/details?id=com.honeywell.operate	

OEM User Onboarding

1. Open the email from OEM admin and click on onboarding process link.
2. Enter **Username** provided in the onboarding email and click **Next**. A link is sent over email to Reset password.

The diagram shows a 'Reset Password' form on the left with a 'Username' field containing 'Jeff Cart@HAIL.gvcontrols.honeywell.com' and 'Next'/'Cancel' buttons. A blue arrow points to a confirmation box on the right stating 'An email has been sent to you to reset your password. Please check your inbox.'

3. Select Reset Password link.

Hi Jeff Cart,
We received a request to reset your password, click the link below to set a new password:
https://managementportal.experion.honeywell.com/PasswordReset/Password_reset/?email=Varsha.Yadav@honeywell.com&key=8418182d662540cc8be3193224f8b7ff
This link will expire in the next 15 minutes.
Thank you,
Honeywell

4. In the **Create a new password** window, type the New password and Confirm password, and click **Next**.

The 'Create a new password' form includes a red error message: 'Password should be alphanumeric. Must include 1 uppercase, 1 lowercase and 1 special character.' Below this, it lists requirements: 'Your password must have at least: 14 Characters, 1 Letter, 1 Number'. It features input fields for 'New password:' and 'Confirm password:' with a 'Match' indicator and 'Next'/'Cancel' buttons.

5. Now user is set to login to Connected OEM dashboard with username and password.

Note: The credentials for Connected OEM dashboard and Connected OEM mobile node are different. User receives two separate emails.

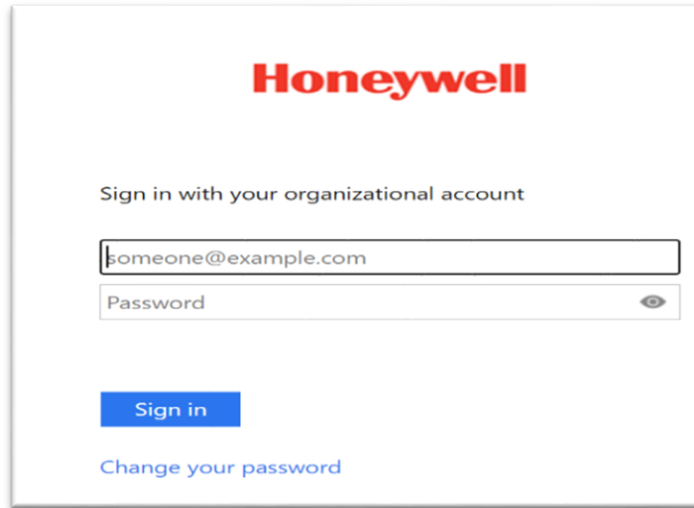
Note: As a Connected OEM user, you can access the Connected OEM dashboards from a desktop or a mobile device.



Web Browser Login

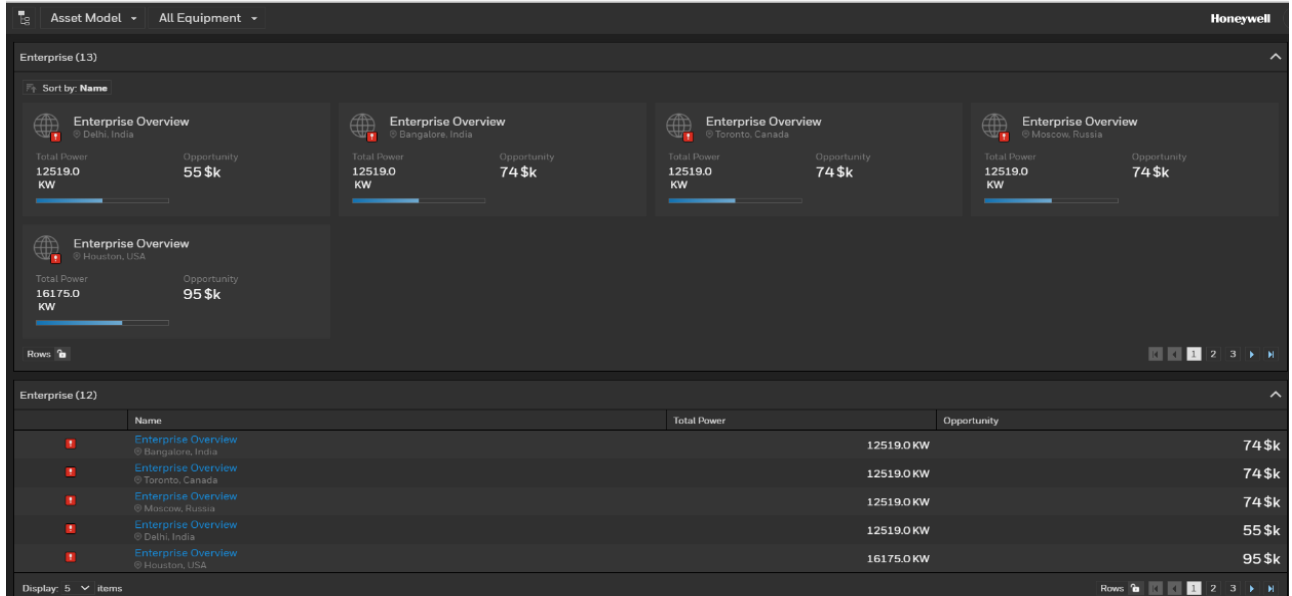
Note: Contact OEM admin for OEM web dashboards server connection link.

1. Copy paste the server connection link in the browser.
2. Sign in with created User ID and Password.



The login form features the Honeywell logo at the top. Below it, the text "Sign in with your organizational account" is displayed. There are two input fields: one for the email address, which contains "someone@example.com", and another for the password, which has a toggle icon for visibility. A blue "Sign in" button is positioned below the password field. At the bottom, there is a link that says "Change your password".

3. After successful login, the dashboard view appears.



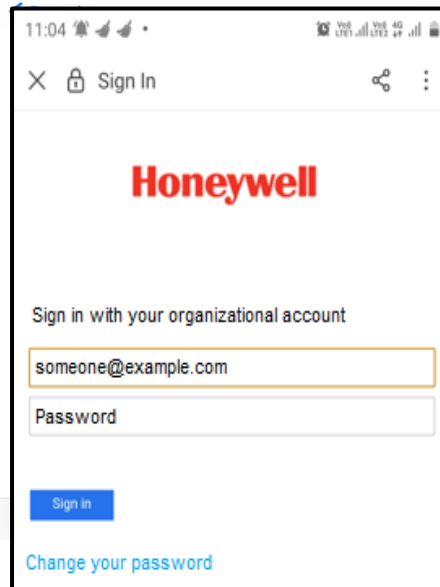
4. You now have the access to dashboards from your web browser.

Mobile Device Login

Note: Contact OEM Admin for Connected OEM mobile node server connection link.

1. Ensure the Honeywell Experion Mobile app is download:
 - a. Download the app from the respective stores by using the provided QR code or URL link.
 - b. Click on the **Install** button.

- c. Click **Open** to login to the Connected OEM mobile node.



11:04

Sign In

Honeywell

Sign in with your organizational account

someone@example.com

Password

Sign in

[Change your password](#)

2. Type the server's name and click **continue**. The Alert message dialog box appears indicating that "Experion" wants to use "honeywell.com" to sign in. Tap Continue.



11:04

Honeywell

Server

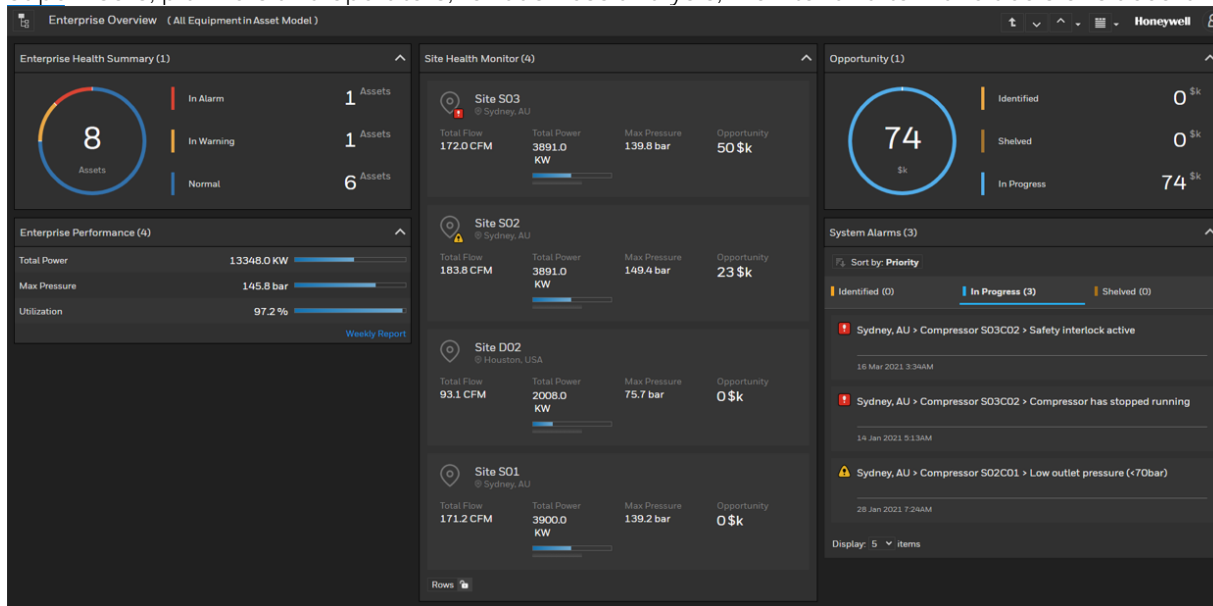
CONTINUE

[Trouble logging in](#)

3. In sign in window, enter username and password. Click **Sign In**.
4. User can use **Change your password** option to change the password.

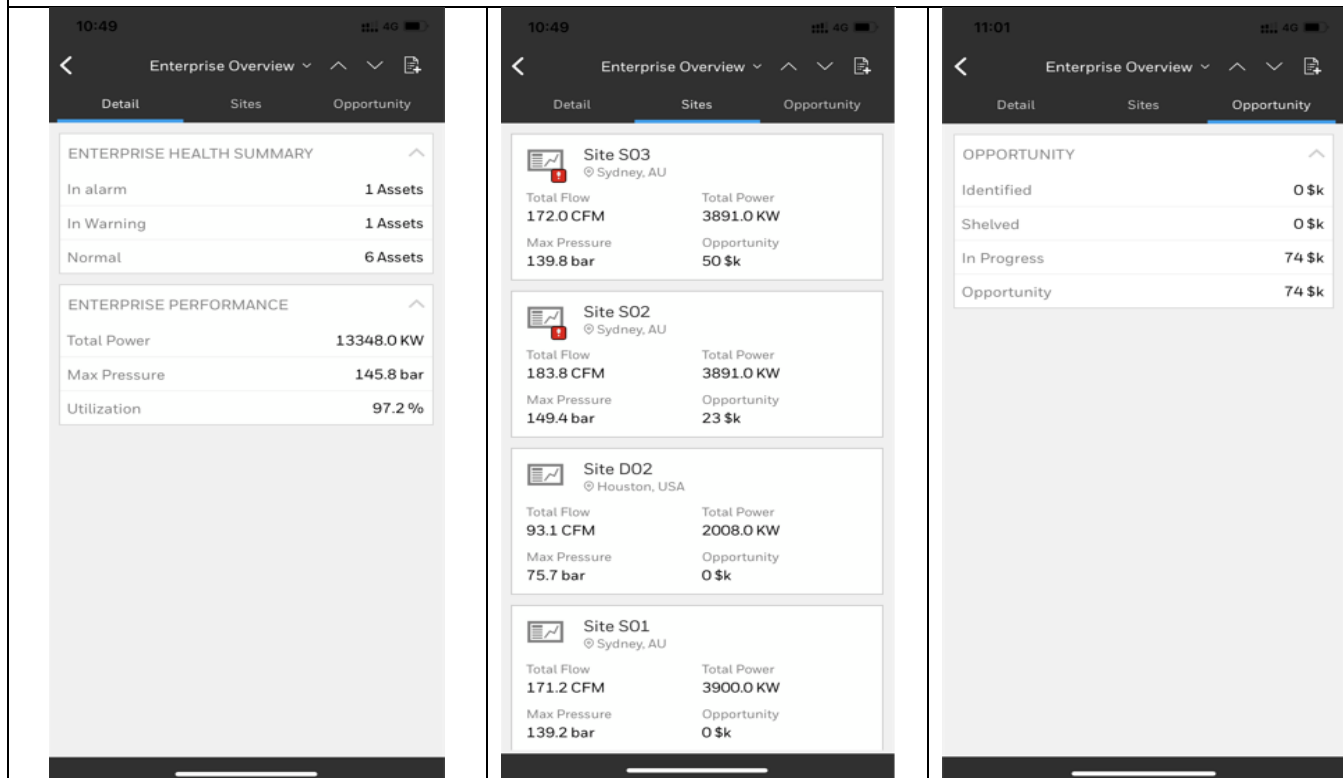
Connected OEM Dashboard

A dashboard is a collection of data displayed in a graphical layout. It is utilized by the business heads, engineers, supervisors, planners and operators, for business analysis, monitor and to make decisions accordingly.



Connected OEM Mobile Node

The mobile node displays the enterprise overview in three panes: **Detail**, **Sites**, and **Opportunity**. It shows similar information like a web browser.



For more information

To learn more

visit <https://process.honeywell.com>

Or contact your Honeywell Account Manager

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