

mRounds Integration Guide

Connected Worker Solutions



Title and Copyright

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Integration Guide for mRounds, a *Connected Office Worker Solution*.

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Preface

Understand audience, know related documents and products and conventions followed in this document.

Intended Audience

This user guide is for plant maintenance field service technicians in your organization. The user guide familiarizes technicians with features and functionality of the Connected Back Office solution.

Document Conventions

Table 0-1 Conventions followed in the document

Convention	Meaning
boldface	Indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Indicates book titles, emphasis, or placeholder variables for which you supply values.
<code>monospace</code>	Indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter

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- [Work Order Management](#)
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Contents

Title and Copyright.....	ii
Preface.....	iii
1. Manage Integrations in mRounds.....	6
1.1. Establish a Connection with FTP Server for Data Export.....	6
1.2. Establish a Connection with ODBC for Database Integration.....	10
1.3. Configure an SMTP Server for Automated Email Notifications.....	14
1.4. Establish a Connection with SAP for Data Integration and Rounds Maintenance.....	18
1.5. Establish a Connection with Enablon for EHS Incident Management.....	22
2. Invoking mRounds Tasks using APIs.....	27
2.1. Generating API Keys.....	27
2.1.1. Pre-requisites.....	27
2.1.2. Generate API Keys.....	28
2.2. Creating Rounds using APIs.....	29
2.2.1. Request body JSON for Round Plan Creation Payload Formation.....	30
2.3. Dynamically Generate and Partially Execute a Round.....	43
2.3.1. How to get Round Plans List.....	45
2.3.2. How to get Round Plan Details.....	47
2.3.3. How to create a Round and Partially execute It.....	49
2.3.4. How to view the Updated Details in the mRounds Mobile App.....	55
2.4. Understanding Error Codes.....	60

1. Manage Integrations in mRounds

Integrating mRounds with external systems is essential for seamless maintenance operations and data flow across an organization. This chapter provides a comprehensive guide to establishing and configuring connections between mRounds and various external systems, such as FTP servers, ODBC databases, SMTP email servers, and SAP ERP systems.

These integrations enable mRounds to export critical maintenance data, automate notifications, and synchronize real-time information with other platforms. Whether it's transferring rounds results to an FTP server for centralized storage, exporting data to a database for advanced analytics, or integrating with SAP to automate work order creation, these configurations ensure that mRounds fits smoothly into your organization's broader IT landscape.

This chapter has the following topics:

- [Establish a Connection with FTP Server for Data Export \(on page 6\)](#)
- [Establish a Connection with ODBC for Database Integration \(on page 10\)](#)
- [Configure an SMTP Server for Automated Email Notifications \(on page 14\)](#)
- [Establish a Connection with SAP for Data Integration and Rounds Maintenance \(on page 18\)](#)

1.1. Establish a Connection with FTP Server for Data Export

An FTP (File Transfer Protocol) server connection allows mRounds to securely transfer large volumes of data to external systems for reporting, backup, or further processing. Establishing this connection enables the export of rounds data and reports to FTP servers without manual intervention, ensuring a smooth and automated process for data storage and sharing.

- **Automate Data Exports:** Reduces the need for manual transfers by automating the process of exporting rounds data to an external FTP server.
- **Centralized Data Storage:** Ensures that all exported rounds data is available in a secure, centralized location for backup, audits, or further analysis.

To create a connection for FTP server:

1. Click the **Integrations Manager** module on the left side pane.
2. Click the Add button in the **Connections** section on the left side.

Figure 1-1 Create FTP Connection

The screenshot shows a modal window titled "Add Connection" with a close button (X) in the top right corner. The form contains the following fields and controls:

- Select Connector:** A dropdown menu with "FTP Server" selected.
- Connection Alias:** A text input field.
- Hostname:** A text input field.
- Port:** A text input field.
- Secure (SFTP):** A toggle switch that is currently turned off. To its right, text reads "Recommended port for FTP is 21".
- Username:** A text input field.
- Password:** A text input field with a toggle icon on the right.
- Path:** A text input field.

At the bottom of the form, there are three buttons: "Test Connection" (disabled), "Cancel" (blue text), and "Save Connection" (disabled).

3. In the **Add Connection** window, do the following:
 - a. Select **FTP Server** from the **Select Connector** drop-down.
 - b. Enter the connection alias name in the **Connection Alias** field.
 - c. Enter the host address in the **Hostname** field.
 - d. Enter the port number in the **Port** field.
 - e. Enter the username in the **Username** field.
 - f. Enter the password in the **Password** field.
 - g. Enter the path or location of FTP in the **Path** field.
 - h. Click **Test Connection** to test the connection.
 - i. Click **Save Connection** if the connection is successful.

The Connection is created successfully and you can see it in the Connections section.

In this section, you can,

- Click the More icon next to the connection and select **View Details** to see the connection details.
- Click the More icon next to the connection and select **Edit Connection** to edit the connection details.
- Click the More icon next to the connection and select **Delete Connection** to delete the connection.

Configure Data Export to FTP for Automated Transfer

Once a secure connection is established, the next step is to configure mRounds to export data to the FTP server. This setup allows specific types of data such as rounds results, reports, and issues to be automatically exported to the FTP server.

- **Automate Reporting:** Automatically transfer critical data, such as maintenance results and issue logs, to the FTP server for long-term storage.
- **Facilitate Data Sharing:** Enable seamless data sharing between mRounds and other systems that may pull data from the FTP server.

To add an integration to FTP server

1. Click the **Integrations Manager** module on the left side pane.
2. Select the **FTP Server** in the **Connections** section.
3. Click **Add Integration** on the right side.

Figure 1-2 Add Integration Point

Add Integration Point [X]

Select Integration Point
Rounds

Data Sync Time ☒ End of the Day ⓘ ☐ End of the Week ⓘ

Start Date Feb 20, 2025 ⓘ

Round Status
Select Round Statuses
Overdue, Submitted, Skipped, Approved, Rejected

Filter Tasks with Tags Disabled ☐
Enable this to send only tasks with tags

Send Attachments Disabled ☐
Enable this to include attachments in the SFTP Server

▼ **Column Configuration**

Main Columns [Reset to Default View](#)

[Cancel](#) [Save](#)

4. In the **Add Integration Point** window, do the following:

- a. Select the integration point (Rounds) from the **Select Integration Point** drop-down.
- b. Choose **End of the Day** or **End of the Week** in the **Data Sync Time** field to create a new .CSV file for each day or week.
- c. Select date from the **Start Date**.
- d. Enter the number of hours in the **Modify Every <> Hour** field to modify the .CSV file at the end of every day/week based on the selected hours.
- e. Enable/Disable the **Filter Tasks with Tags** to send only tasks with/specific tags or with not tags.
- f. Expand **Column Configuration** and configure or select the columns such as, Round Plan ID, Round Plan Name, Plant ID, Plant Name, Location ID, Asset ID, Unit, Position, and so on that should be displayed in .CSV file.
- g. Click **Save**.

The Integration Point is created and you can view it in the **Integrations** section.

The .CSV file is generated based on data synchronization schedule and stored in the configured FTP location.

1.2. Establish a Connection with ODBC for Database Integration

The ODBC (Open Database Connectivity) connector allows mRounds to directly interface with external databases. This connection is crucial for exporting rounds data to an organization's internal databases, enabling further analysis and integration with other systems like reporting tools or custom dashboards.

- **Direct Database Integration:** Streamlines the process of transferring rounds data from mRounds to external databases.
- **Support for Custom Analytics:** Facilitates integration with custom reporting tools and dashboards by allowing direct access to mRounds data.

To create a connection for ODBC connector:

1. Click the **Integrations Manager** module on the left side pane.
2. Click the Add button in the **Connections** section on the left side.

Figure 1-3 Add ODBC Connection

The screenshot shows the 'Add Connection' dialog box. It has a title bar with the text 'Add Connection' and a close button (X). The dialog contains the following fields and controls:

- Select Connector:** A dropdown menu with 'ODBC Connector' selected.
- Connection Alias:** A text input field.
- DB Hostname:** A text input field.
- Username:** A text input field.
- Password:** A text input field with a toggle icon (eye) to the right.
- Database Name:** A text input field.
- Database Port:** A text input field.
- Database Dialect:** A dropdown menu with 'Select' selected.
- Buttons:** At the bottom, there are three buttons: 'Test Connection', 'Cancel', and 'Save Connection'.

3. In the **Add Connection** window, do the following:
 - a. Select **ODBC Connector** from the **Select Connector** drop-down.
 - b. Enter the connection alias name in the **Connection Alias** field.
 - c. Enter the host address in the **DB Hostname** field.
 - d. Enter the username in the **Username** field.
 - e. Enter the password in the **Password** field.
 - f. Enter the database name in the **Database Name** field.
 - g. Enter the port number in the **Database Port** field.
 - h. Select the database type from the **Database Dialect** drop-down.
 - i. Click **Test Connection** to test the connection.
 - j. Click **Save Connection** if the connection is successful.

The Connection is created successfully and you can see it in the Connections section.

In this section, you can,

- Click the More icon next to the connection and select **View Details** to see the connection details.
- Click the More icon next to the connection and select **Edit Connection** to edit the connection details.
- Click the More icon next to the connection and select **Delete Connection** to delete the connection.

Configure Data Export to ODBC for Database Storage

Once the ODBC connection is established, you can configure mRounds to export data directly into your organization's external database. This allows for real-time synchronization between mRounds and your database for further analysis or reporting.

- **Automated Data Synchronization:** Keep your internal database up to date with real-time rounds data from mRounds.
- **Enable Advanced Analytics:** Export data to external databases where advanced analytics can be performed.

To add an integration to ODBC connection:

1. Click the **Integrations Manager** module on the left side pane.
2. Select the **ODBC Connector** in the **Connections** section.
3. Click **Add Integration** on the right side.

Figure 1-4 Add Integration Point

Add Integration Point

Select Integration Point

Round Submission

Data Synchronization

☒ Real-time

☐ Scheduled

Data Mapping

CBO(Source) Data Attribute	Destination Data Attribute
Round Plan ID ROUND_PLAN_ID	ROUND_PLAN_ID
Round Plan Name ROUND_PLAN_NAME	ROUND_PLAN_NAME
Round Plan Description ROUND_PLAN_DESC	ROUND_PLAN_DESC
Plant ID PLANT_ID	PLANT_ID
Plant Name PLANT_NAME	PLANT_NAME
Shift Name SHIFT_NAME	SHIFT_NAME

Cancel

Save

4. In the **Add Integration Point** window, do the following:

- a. Select the integration point (Round Submission) from the **Select Integration Point** drop-down.
- b. Select **Data Synchronization** as **Real-time** or **Scheduled**.
- c. In the **Data Mapping** section, map the CBO (Source) Attributes to Destination Data Attributes.
- d. Click **Save**.

The Integration Point is created and you can view it in the **Integrations** section.

The .CSV file is generated based on data synchronization schedule and stored in the configured ODBC location.

1.3. Configure an SMTP Server for Automated Email Notifications

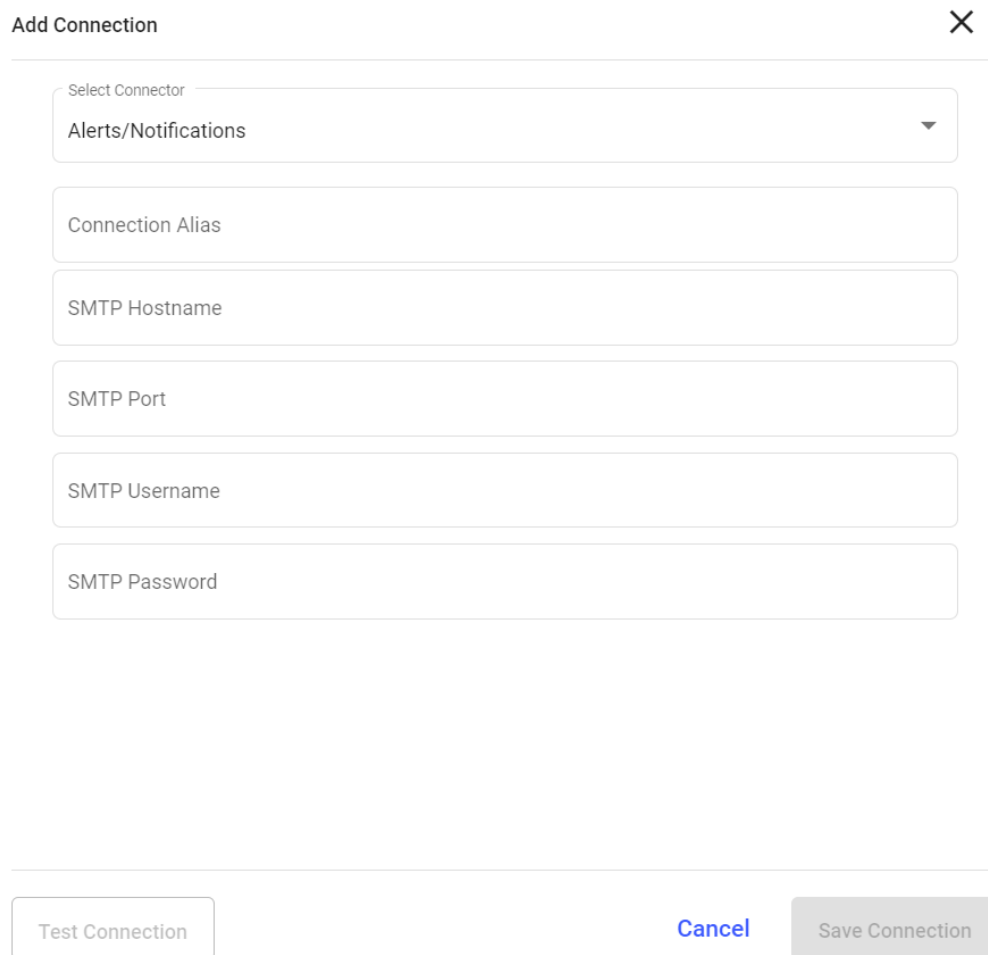
Configuring an SMTP (Simple Mail Transfer Protocol) server allows mRounds to send automated email notifications to stakeholders about task completions, issues, and important updates. This connection ensures timely communication about maintenance operations.

- **Automated Alerts:** Ensure that stakeholders receive real-time notifications regarding critical issues or task completions.
- **Enhance Communication:** Automate the process of sending alerts and updates, reducing manual follow-up.

To create a connection for SMTP server:

1. Click the **Integrations Manager** module on the left side pane.
2. Click the Add button in the **Connections** section on the left side.

Figure 1-5 Add SMTP Connection



The screenshot shows a modal window titled "Add Connection" with a close button (X) in the top right corner. The form contains the following fields:

- Select Connector**: A dropdown menu with "Alerts/Notifications" selected.
- Connection Alias**: A text input field.
- SMTP Hostname**: A text input field.
- SMTP Port**: A text input field.
- SMTP Username**: A text input field.
- SMTP Password**: A text input field.

At the bottom of the form, there are three buttons: "Test Connection" (outlined), "Cancel" (blue text), and "Save Connection" (grayed out).

3. In the **Add Connection** window, do the following:
 - a. Select **Alerts/Notifications** from the **Select Connector** drop-down.
 - b. Enter the connection alias name in the **Connection Alias** field.
 - c. Enter the host address in the **SMTP Hostname** field.
 - d. Enter the port number in the **SMTP Port** field.
 - e. Enter the username in the **Username** field.
 - f. Enter the password in the **Password** field.
 - g. Click **Test Connection** to test the connection.
 - h. Click **Save Connection** if the connection is successful.

The Connection is created successfully and you can see it in the Connections section.

In this section, you can,

- Click the More icon next to the connection and select **View Details** to see the connection details.
- Click the More icon next to the connection and select **Edit Connection** to edit the connection details.
- Click the More icon next to the connection and select **Delete Connection** to delete the connection.

Configure Email Notifications with SMTP

Once the SMTP connection is configured, you can set up automated email notifications to be triggered based on specific events in mRounds, such as issue creation, task completion, or round updates. This ensures timely communication with stakeholders.

1. **Real-Time Notifications:** Automatically notify supervisors, operators, or managers about important updates or issues.
2. **Event-Driven Alerts:** Configure email alerts to trigger when specific events occur, such as task completion or new issues.

To add an integration to SMTP server:

1. Click the **Integrations Manager** module on the left side pane.
2. Select the **SMTP Server** in the **Connections** section.
3. Click **Add Integration** on the right side.

Figure 1-6 Add Integration Point

Add Integration Point

X

Select Integration Point
Round Submission

Data Synchronization ☒ Real-time ☐ Scheduled

Data Mapping

CBO(Source) Data Attribute	Destination Data Attribute
Round Plan ID ROUND_PLAN_ID	ROUND_PLAN_ID
Round Plan Name ROUND_PLAN_NAME	ROUND_PLAN_NAME
Round Plan Description ROUND_PLAN_DESC	ROUND_PLAN_DESC
Plant ID PLANT_ID	PLANT_ID
Plant Name PLANT_NAME	PLANT_NAME
Shift Name SHIFT_NAME	SHIFT_NAME

CancelSave

4. In the **Add Integration Point** window, do the following:

- a. Select the integration point (Round Submission) from the **Select Integration Point** drop-down.
- b. Select **Data Synchronization** as **Real-time** or **Scheduled**.
- c. In the **Data Mapping** section, map the CBO (Source) Attributes to Destination Data Attributes.
- d. Click **Save**.

The Integration Point is created and you can view it in the **Integrations** section.

The .CSV file is generated based on data synchronization schedule and stored in the configured SMTP location.

1.4. Establish a Connection with SAP for Data Integration and Rounds Maintenance

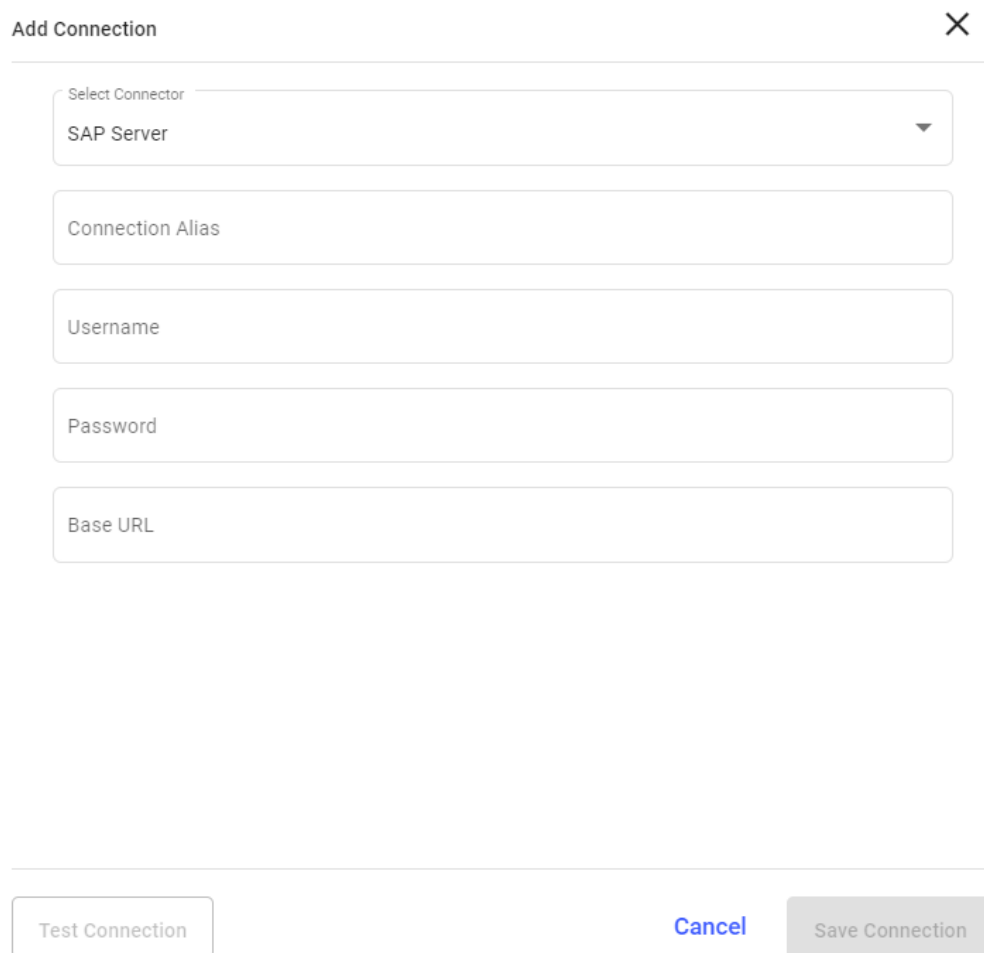
The SAP integration allows mRounds to send critical rounds data directly into an SAP system. This connection is essential for synchronizing maintenance data with the organization's SAP ERP system, enabling automated work order creation and maintenance tracking.

- **Automate Work Orders:** Send rounds results directly to SAP to automatically generate work orders for equipment that needs servicing.
- **Ensure Data Synchronization:** Keep SAP up to date with real-time maintenance data from mRounds, ensuring comprehensive asset tracking and reporting.

To create a connection for SAP server:

1. Click the **Integrations Manager** module on the left side pane.
2. Click the Add button in the **Connections** section on the left side.

Figure 1-7 Add SAP Connection



The image shows a modal dialog box titled "Add Connection" with a close button (X) in the top right corner. The dialog contains five input fields stacked vertically: "Select Connector" (a dropdown menu with "SAP Server" selected), "Connection Alias", "Username", "Password", and "Base URL". At the bottom of the dialog, there are three buttons: "Test Connection", "Cancel", and "Save Connection".

Add Connection ✕

Select Connector
SAP Server ▼

Connection Alias

Username

Password

Base URL

Test Connection Cancel Save Connection

3. In the **Add Connection** window, do the following:

- a. Select **SAP Sever** from the **Select Connector** drop-down.
- b. Enter the connection alias name in the **Connection Alias** field.
- c. Select the value from the **Authorization** drop-down such as, Basic, Certificate, and API Key.



Note:

Fill the remaining fields that are displayed based on the selected value in the Authorization drop-down.

- d. Click **Test Connection** to test the connection.
- e. Click **Save Connection** if the connection is successful.



Note:

The connection will be successful only if there is no existing master data in the application.

The Connection is created successfully and you can see it in the Connections section.

In this section, you can,

- Click the More icon next to the connection and select **View Details** to see the connection details.
- Click the More icon next to the connection and select **Edit Connection** to edit the connection details.
- Click the More icon next to the connection and select **Delete Connection** to delete the connection.

Configure Data Synchronization with SAP for Automated Maintenance

Once connected to SAP, you can configure mRounds to automatically send rounds data, asset status, and issue logs to the SAP system. This integration helps generate work orders, track asset health, and streamline the entire maintenance process.

- **Seamless Work Order Generation:** Automatically create work orders in SAP based on the results of completed rounds.
- **Improved Maintenance Tracking:** Keep SAP updated with real-time asset data, allowing for better monitoring and decision-making.

To add an integration to SAP:

1. Click the **Integrations Manager** module on the left side pane.
2. Select the **SAP Server** in the **Connections** section.
3. Click **Add Integration** on the right side.

Figure 1-8 Add Integration Point

Add Integration Point

Select Integration Point

Integration Type ☒ Inbound ☐ Outbound

Data Sync Time ☐ Real-time ☒ Scheduled

Repeat Every 1 day

Start Date 3/12/2024

Plants

Location Assets

Cancel Save

4. In the **Add Integration Point** window, do the following:
 - a. Select the integration point (Master Data) from the **Select Integration Point** drop-down.
 - b. Select **Integration Type** as **Inbound**.
 - c. Select **Data Synchronization** as **Scheduled**.
 - d. Select **Repeat Every** <number> <day, week, month or year>.
 - e. Select **Start Date**.

- f. Select plant from the **Plants** drop-down where the location or asset residing.
- g. In the **Location or Assets** tab, enter the collection in the **URL** field.
- h. In the **Column Configuration** section, map the CBO data columns to SAP data columns.
- i. Click **Save**.

The Integration Point is created and you can view it in the **Integrations** section.

The master data synchronization in the application occurs based on the configured schedule. You can also sync the data manually.

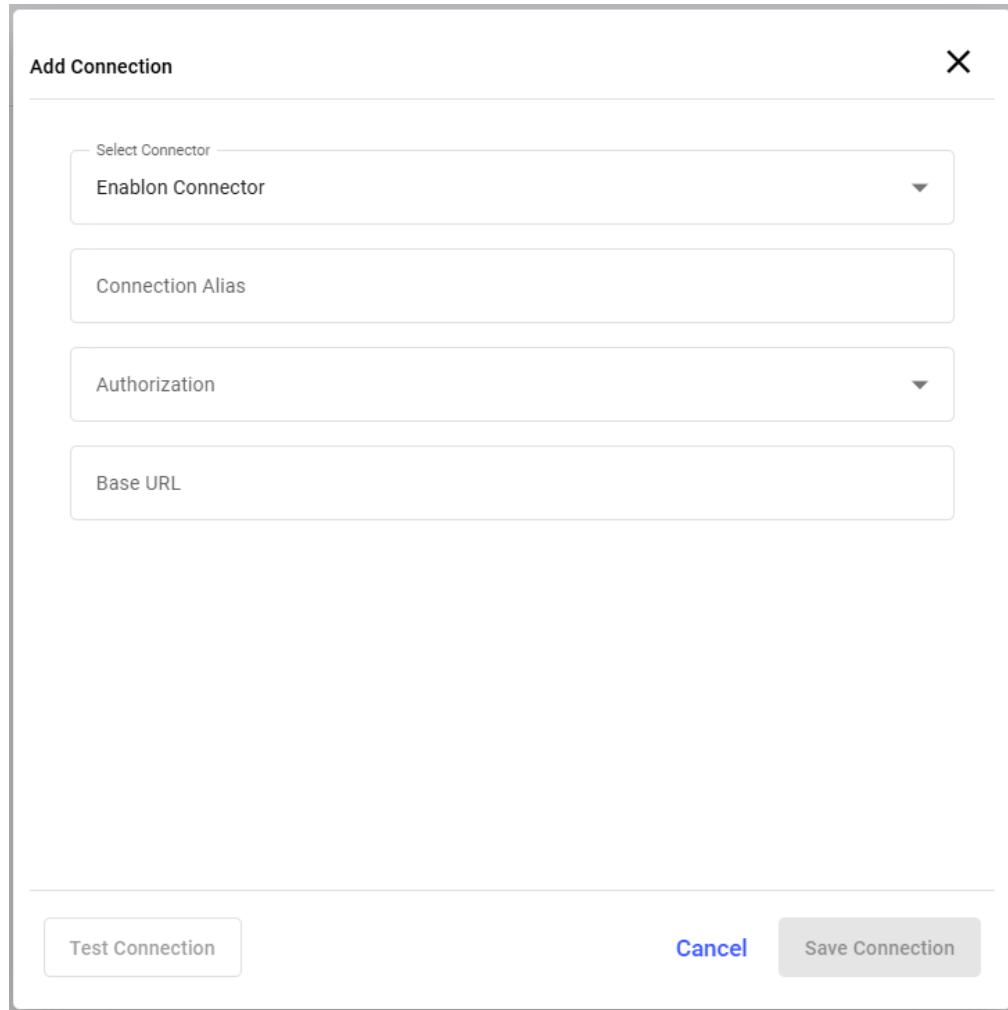
1.5. Establish a Connection with Enablon for EHS Incident Management

If an Environment, Health, and Safety (EHS) issue is raised in the mRounds application, the details are automatically transferred to the Enablon incident management tool, creating a corresponding event. Additionally, if an SAP notification is generated for the same issue, mRounds sends the notification number along with the issue details to Enablon.

To create a connection for Enablon connector:

1. Click the **Integrations Manager** module on the left side pane.
2. Click the Add button in the **Connections** section on the left side.

Figure 1-9 Add Enablon Connection



The image shows a modal dialog box titled "Add Connection" with a close button (X) in the top right corner. The dialog contains four input fields: "Select Connector" (a dropdown menu with "Enablon Connector" selected), "Connection Alias" (a text input field), "Authorization" (a dropdown menu), and "Base URL" (a text input field). At the bottom of the dialog, there are three buttons: "Test Connection" (a light gray button), "Cancel" (a blue text link), and "Save Connection" (a gray button).

3. In the **Add Connection** window, do the following:

- a. Select **Enablon Connector** from the **Select Connector** drop-down.
- b. Enter the connection alias name in the **Connection Alias** field.
- c. Select the value from the **Authorization** drop-down such as, Basic, Certificate, and API Key.



Note:

Fill the remaining fields that are displayed based on the selected value in the Authorization drop-down.

- d. Click **Test Connection** to test the connection.
- e. Click **Save Connection** if the connection is successful.



Note:

The connection will be successful only if there is no existing master data in the application.

The Connection is created successfully and you can see it in the Connections section.

In this section, you can,

- Click the More icon next to the connection and select **View Details** to see the connection details.
- Click the More icon next to the connection and select **Edit Connection** to edit the connection details.
- Click the More icon next to the connection and select **Delete Connection** to delete the connection.

Configure EHS Notifications with Enablon

Once connected to Enablon, you can configure mRounds to automatically send EHS incident notifications to Enablon incident management tool. This streamlines data transfer, improves accuracy, and enhances real-time tracking and compliance.

To add an integration to Enablon:

1. Click the **Integrations Manager** module on the left side pane.
2. Select the **EHS Connection** in the **Connections** section.
3. Click **Add Integration** on the right side.

Figure 1-10 Add Integration Point

Add Integration Point [X]

Select Integration Point
Master Data ▼

Integration Type ☒ Inbound ☐ Outbound

Data Sync Time ☐ Real-time ☒ Scheduled

Repeat Every 1 day ▼

Start Date 2/20/2025 [Calendar Icon]

Plants ▼

☒ Maintenance Plant ☐ Planning Plant

Location Assets

URL

Cancel Save

4. In the **Add Integration Point** window, do the following:
 - a. Select the integration point (Master Data) from the **Select Integration Point** drop-down. and tap **Done**.
 - b. Select **Integration Type** as **Inbound**.
 - c. Select **Data Synchronization** as **Scheduled**.
 - d. Select **Repeat Every** <number> <day, week, month or year>.
 - e. Select **Start Date**.
 - f. Select plant from the **Plants** drop-down where the location or asset residing.

- g. In the **Location** tab, enter the collection in the **URL** field.
- h. In the **Column Configuration** section, map the CBO data columns to SAP data columns.
- i. In the **Assets** tab, enter the collection in the **URL** field.
- j. In the **Column Configuration** section, map the CBO data columns to SAP data columns.
- k. Click **Save**.

The Integration Point is created and you can view it in the **Integrations** section.

The master data synchronization in the application occurs based on the configured schedule. You can also sync the data manually.

2. Invoking mRounds Tasks using APIs

Innovapptive exposes certain APIs that can be consumed by applications and create tasks like creating operator rounds, dynamically generate round plans, and so on.

To ensure security and control over API usage, API Key authentication is enforced. To access mRounds APIs, include a valid API key in requests. These keys ensure trusted connections are established with authorized users. This helps protect sensitive data and resources while promoting secure and controlled interactions between external applications and Innovapptive's services.

2.1. Generating API Keys

This section describes the process for generating API keys

The API Key is generated during the tenant onboarding process or whenever a customer requests access to the API programmatically. The CBO admin generates the key for the specific tenant or customer upon receiving a request.



Note:

API Key access is restricted to the set of API's identified as being programmatically accessed by a tenant. It cannot be used by any Innovapptive client application (web or mobile). If any application consumes the same API, they should follow the traditional token-based authentication mechanism.

2.1.1. Pre-requisites

Use the following Request URL: <https://cwpuat2.innovapptive.com/operatorroundsapi/external/api-docs/>.

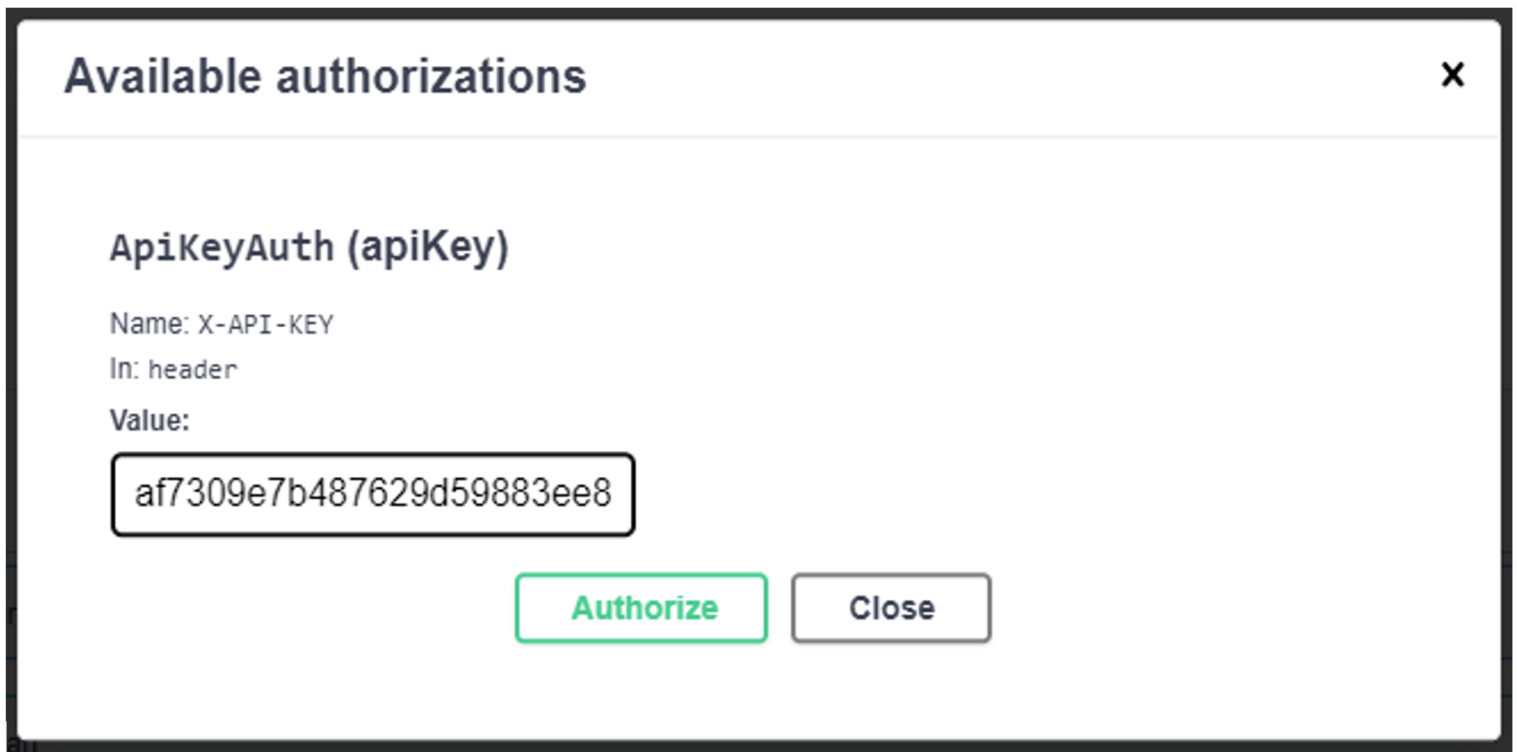
Server variables

protocol	https
host	cwpuat2.innovapptive.com
basePath	/operatorroundsapi

Host: Select the host based on the environment:

- **DEV** - cbodev.innovapptive.com
- **QA** - cboqa.innovapptive.com
- **PRD** - cbo.innovapptive.com

Authorize through API Key

A dialog box titled "Available authorizations" with a close button (X) in the top right corner. The dialog contains the text "ApiKeyAuth (apiKey)" followed by "Name: X-API-KEY", "In: header", and "Value:". Below the "Value:" label is a text input field containing the value "af7309e7b487629d59883ee8". At the bottom of the dialog are two buttons: "Authorize" (highlighted with a green border) and "Close".

Available authorizations X

ApiKeyAuth (apiKey)

Name: X-API-KEY

In: header

Value:

af7309e7b487629d59883ee8

Authorize Close

2.1.2. Generate API Keys

Learn how to generate API keys

To generate the API key:

1. Open the CBO application.
2. Click the **Tenant Management** module.
3. Click the More icon > **Edit** button for the selected tenant.
4. Click the **API Keys** tab.
5. Enter the following details:
 - a. **Description:** Enter the relevant description.
 - b. **Expires:** Select the API Key expiration duration, such as 30 days, 90 days, 180 days, or 365 days, from the drop-down.

6. Click **Generate**.

The API Key is generated and ready to be shared with the customer.

Innovapptive
Tenant Management > Innovapptive

Innovapptive

Cancel Save

3. PROTECTED RESOURCES 4. DB CONFIGURATIONS 5. COLLABORATION 6. CONFIGURATIONS 7. ASSETS 8. API Keys

Description

Expires
180 days (6 months)

Generate

Description	Expires	API Key	Actions
API Key generated on Wed Jul 26 2023	2024-01-26	0bbeba3f51320f85515930635eabaa0c706da5b5d2763a0518674a7e351c5d13	...
Testing API Key	2023-08-27	7f5bc64812be804960016017be3b478bccdec4ce806afa597446bb0b838db4f2	...



Note:

To delete the API Key, click the More icon > **Delete** for the selected key.

2.2. Creating Rounds using APIs

Learn how to create rounds using APIs

To create round through an API:

1. Expand the Post method with `round-plans`.
2. Click **Try it out**.
3. Provide the following request parameters:

Field Name	Description
tenantid*	Enter the Tenant ID created by Tenant Management.
email*	Enter any email address that is already onboarded in the tenant.

POST /external/round-plans Create round plan

Creates round plan and publish the same based on the round plan information

Parameters

Cancel Reset

Name	Description
tenantid * required (header)	tenantid
email * required (header)	email

4. In the **Request Body** section, enter the request parameter values (JSON).

Request body application/json

Round plan object

```
{
  "name": "API 2 Testing",
  "description": "All Response Types",
  "plantId": "1000",
  "locationId": "123-XL-BA39",
  "pages": [
    {
      "name": "page1",
      "sections": [
        {
          "name": "section1",
          "tasks": [
            {
              "name": "Read Only Field",
              "responseType": "LF",
              "value": "Read Only Field Testing"
            }
          ]
        }
      ]
    },
    {
      "name": "Instructions",
      "responseType": "TEXT"
    }
  ]
}
```



Note:

Please refer to the [Request body JSON for Round Plan Creation Payload Formation \(on page 30\)](#) section for more information.

2.2.1. Request body JSON for Round Plan Creation Payload Formation

Header Information Payload

- The Header Details contain the name of the Round Plan, and the Plant ID.
- Enter the LocationID & AssetID for respective locations and assets.
- Provide the name of the Page & Sections inside the page and create tasks.

```
{
  "name": "Daily Round Plan",
  "plantId": "1000",
  "locationId": "123-XL-BA39",
  "pages": [
    {

```

```
    "name": "page1",
    "sections": [
      {
        "name": "section1",
        "tasks ": [
        ]
      }
    ]
  }
}
```

Response Type Configuration Payload

Read Only

- The "name" field must contain the name of the task.
- The response type must be given as "LF".
- The "value" field must contain the default value the user wants to see in the application.

```
{
  "name": "Read Only Field",
  "responseType": "LF",
  "value": "Default Value"
}
```

Instruction Response Type

- The "name" field must contain the name of the task.
- The response type must be given as "INST".
- The "value" field must contain the default value of the instructions the user wants to see in the application.

```
{
  "name": "Instructions",
  "responseType": "INST",
  "value": {}
}
```

Short Text Answer

- The "name" field must contain the name of the task.
- The response type must be given as "TF".
- If a Short Text Answer is required, then the "required" field should be either True or False.
- For True the name should be "Short Text Answer Required".

```
{  
  
    "name": "Short Text Answer",  
    "responseType": "TF",  
    "value": "",  
    "required": false  
  },  
  {  
    "name": "Short Text Answer Required",  
    "responseType": "TF",  
    "value": "",  
    "required": true  
  },  
}
```

Long Text Answer

- The "name" field must contain the name of the task.
- The response type must be given as "LTV".
- If a Long Text Answer is required, then the "required" field should be either True or False.
- For True the name should be "Long Text Answer Required".

```
{  
  
    "name": "Long Text Answer",  
    "responseType": "LTV",  
    "value": "",  
    "required": false  
  },  
  {  
    "name": "Long Text Answer Required",
```

```
        "responseType": "LTV",  
        "value": "",  
        "required": true  
    },
```

Number Response Type

- The "name" field must contain the name of the task.
- The Number Response Type has the following Configuration Options:
 1. Number without UOM & range
 2. Number without range
 3. Number Testing with None
- The response type field for all the configurations is the same and must be "NF".
- To enable tracking of History, the enableHistory field inside value must be true.
- To add Unit Of Measurement, the UnitOfMeasurement field must be followed by the UOM ID inside the value.
- To set up range, define the min and max values along with messages that must be displayed for values that are beyond the range. These Messages are categorized as Warning, Alert, Note & None.
 - You can enter the respective value inside the value field, for example

```
"rangeMetadata": {"min": 0, "max": 10, "minMsg": "Test message", "maxMsg": "",  
"minAction": "Warning", "maxAction": "None"
```

```
"name": "Number without UOM & range",  
    "responseType": "NF",  
    "required": true,  
    "value": { "enableHistory": false}  
},  
{  
    "name": "Number without range",  
    "responseType": "NF",  
    "required": true,  
    "value": { "enableHistory": false, "unitOfMeasurementId": "f0deec55-2401-41ab-b88d-37f8ced36e09"}  
},  
{  
    "name": "Number Testing with None",  
    "responseType": "NF",  
    "required": true,
```

```
"value": { "enableHistory": false, "unitOfMeasurementId": "f0deec55-2401-41ab-b88d-37f8ced36e09",
"rangeMetadata": { "min": 0, "max": 10, "minMsg": "", "maxMsg": "", "minAction": "None", "maxAction": "None"}}
},
{
  "name": "Number Testing with None",
  "responseType": "NF",
  "required": true,
  "value": { "enableHistory": false, "unitOfMeasurementId": "f0deec55-2401-41ab-b88d-37f8ced36e09",
"rangeMetadata": { "min": 0, "max": 10, "minMsg": "Test message", "maxMsg": "", "minAction": "Warning", "maxAction":
"None"}}
},
```

Global Picklist Single Selection

- The "name" field must contain the name of the task.
- The Response type must be given as DD.
- The "value" must contain Response Set ID.
 - This fetches the necessary Picklist from the master data.

```
{
  "name": "Picklist Testing",
  "responseType": "DD",
  "required": true,
  "value": { "responseSetId" : "31c52245-c756-4bc8-ad02-0ee3c952fecc" }
},
```

Global Picklist Multiple Selection

- The "name" field must contain the name of the task.
- The Response type must be given as DDM.
- The "value" must contain Response Set ID.
 - This will fetch the necessary Multiple Select Choice from the master data.

```
{
  "name": "Multiple Select Choice answers Testing",
  "responseType": "DDM",
  "required": true,
  "value": { "responseSetId" : "31c52245-c756-4bc8-ad02-0ee3c952fecc" }
},
```

Scanner

- The "name" field must contain the name of the task.
- The Response type must be given as SF.

```
{  
  
    "name": "Scan Testing",  
    "responseType": "SF",  
    "required": true,  
    "value": ""  
  
},
```

Date & Time

- The "name" field must contain the name of the task.
- The Response type must be given as DT.
- The user can choose the combination of True and False in "value" to show either date or time or both.

```
{  
  
    "name": "Date & Time Testing",  
    "responseType": "DT",  
    "required": true,  
    "value": {"date": false, "time": true}  
  
}
```

Hyperlink

- The "name" field must contain the name of the task.
- The Response type must be given as HL.
- Enter the link under the "value" field.

```
{  
  
    "name": "Hyperlink Testing",  
    "responseType": "HL",  
    "value": {"link": "https://google.com"}  
  
},
```

Check box

- The "name" field must contain the name of the task.
- The Response type must be given as CB.

```
{  
  
    "name": "Checkbox Testing",  
    "responseType": "CB",  
    "required": false,  
    "value": ""  
  
},
```

Signature

- The "name" field must contain the name of the task.
- The Response type must be given as SGF.

```
{  
  
    "name": "Signature Testing",  
    "responseType": "SGF",  
    "required": false,  
    "value": ""  
  
}
```

Photo Response

- The "name" field must contain the name of the task.
- The Response type must be given as ATT.

```
{  
  
    "name": "Photo Testing",  
    "responseType": "ATT",  
    "required": false,  
    "value": ""  
  
},
```

Geo Location Response

- The "name" field must contain the name of the task.
- The Response type must be given as GAL.

```
{  
  
    "name": "Geo Location Testing",  
    "responseType": "GAL",  
    "required": false,  
    "value": ""  
  
},
```

Date Range

- The "name" field must contain the name of the task.
- The Response type must be given as DRF.

```
{  
  
    "name": "Date range Testing",  
    "responseType": "DRF",  
    "required": false,  
    "value": ""  
  
}
```

Multiple Choice

- The "name" field must contain the name of the task.
- The Response type must be given as VI.

```
{  
  
    "name": "Multiple Choice Answers Testing",  
    "responseType": "VI",  
    "required": false,  
    "value": "yes,no"  
  
},
```

Slider

- The "name" field must contain the name of the task.
- The Response type must be given as RT.
- The value field must contain the Minimum & the Maximum Value along with the Increment.

| 2 - Invoking mRounds Tasks using APIs

```
{  
  
    "name": "Slider Testing",  
  
    "responseType": "RT",  
  
    "required": false,  
  
    "value": {"min": 10, "max": 100, "enableHistory": true, "value": 20, "increment":  
  
}
```

Below is an example of a complete round plan with Round Name, Plant, Location, Pages Sections & Tasks.

```
{  
  "name": "Daily Round Plan",  
  "description": "All Response Types",  
  "plantId": "1000",  
  "locationId": "123-XL-BA39",  
  "pages": [  
    {  
      "name": "page1",  
      "sections": [  
        {  
          "name": "section1",  
          "tasks": [  
            {  
              "name": "Read Only Field",  
              "responseType": "LF",  
              "value": "Read Only Field Testing"  
            },  
            {  
              "name": "Instructions",  
              "responseType": "INST",  
              "value": {}  
            },  
            {  
              "name": "Instructions with tag",  
              "responseType": "INST",  
              "value": { "tag": "Caution"  
            },  
            {
```

```
        "name": "Short Text Answer",
        "responseType": "TF",
        "value": "",
        "required": false
    },
    {
        "name": "Short Text Answer Required",
        "responseType": "TF",
        "value": "",
        "required": true
    },
    {
        "name": "Long Text Answer",
        "responseType": "LTV",
        "value": "",
        "required": false
    },
    {
        "name": "Long Text Answer Required",
        "responseType": "LTV",
        "value": "",
        "required": true
    },
    {
        "name": "Number without UOM & range",
        "responseType": "NF",
        "required": true,
        "value": { "enableHistory": false}
    },
    {
        "name": "Number without range",
        "responseType": "NF",
        "required": true,
        "value": { "enableHistory": false, "unitOfMeasurementId":
"db5aaa7d-d13f-4e83-a3f1-e108c3f16e3f"}
    },
    {
```

| 2 - Invoking mRounds Tasks using APIs

```
        "name": "Number Testing with None",
        "responseType": "NF",
        "required": true,
        "value": { "enableHistory": false, "unitOfMeasurementId":
"db5aaa7d-d13f-4e83-a3f1-e108c3f16e3f", "rangeMetadata": {"min": 0, "max": 10, "minMsg": "", "maxMsg": "",
"minAction": "None", "maxAction": "None"}}
    },
    {
        "name": "Number Testing with None",
        "responseType": "NF",
        "required": true,
        "value": { "enableHistory": false, "unitOfMeasurementId":
"db5aaa7d-d13f-4e83-a3f1-e108c3f16e3f", "rangeMetadata": {"min": 0, "max": 10, "minMsg": "Test message", "maxMsg": "",
"minAction": "Warning", "maxAction": "None"}}
    },
    {
        "name": "Picklist Testing",
        "responseType": "DD",
        "required": true,
        "value": {"responseSetId" : "f87a12bc-aab2-4199-9bc4-4c09cec549e9" }
    },
    {
        "name": "Multiple Select Choice answers Testing",
        "responseType": "DDM",
        "required": true,
        "value": {"responseSetId" : "f87a12bc-aab2-4199-9bc4-4c09cec549e9" }
    },
    {
        "name": "Scan Testing",
        "responseType": "SF",
        "required": true,
        "value": ""
    },
    {
        "name": "Date & Time Testing",
        "responseType": "DT",
        "required": true,
```

```
        "value": {"date": false, "time": true}
      }
    ]
  },
  {
    "name": "section2",
    "tasks": [
      {
        "name": "Date & Time Testing",
        "responseType": "DT",
        "required": true,
        "value": {"date": false, "time": false}
      },
      {
        "name": "Hyperlink Testing",
        "responseType": "HL",
        "value": {"link": "https://google.com"}
      },
      {
        "name": "Checkbox Testing",
        "responseType": "CB",
        "required": false,
        "value": ""
      },
      {
        "name": "Signature Testing",
        "responseType": "SGF",
        "required": false,
        "value": ""
      },
      {
        "name": "Photo Testing",
        "responseType": "ATT",
        "required": false,
        "value": ""
      },
      {
```

```
        "name": "Geo Location Testing",
        "responseType": "GAL",
        "required": false,
        "value": ""
    },
    {
        "name": "Date range Testing",
        "responseType": "DFR",
        "required": false,
        "value": ""
    }
]
}
]
},
{
    "name": "page2",
    "sections": [
        {
            "name": "section1",
            "tasks": [
                {
                    "name": "Multiple Choice Answers Testing",
                    "responseType": "VI",
                    "required": false,
                    "value": "yes,no"
                },
                {
                    "name": "Slider Testing",
                    "responseType": "RT",
                    "required": false,
                    "value": {"min": 10, "max": 100, "enableHistory": true , "value": 20, "increment": 10}
                }
            ]
        },
        {
            "name": "section2",
```

```
    "tasks": [  
      {  
        "name": "Multiple Choice Answers Testing",  
        "responseType": "VI",  
        "required": false,  
        "value": "yes,no"  
      },  
      {  
        "name": "Multiple Choice Answers Testing",  
        "responseType": "VI",  
        "required": false,  
        "value": "yes,no,test"  
      }  
    ]  
  }  
]  
}  
]
```

2.3. Dynamically Generate and Partially Execute a Round

A round plan is a blueprint that outlines the structure and steps of a round. You must first create a round plan and then generate a round from the round plan.

Create and publish a round plan with tasks.

To create a round plan:

1. Open the **Operator Rounds** module.
2. Click **Create New**.
3. In the **Plan Details** screen, enter **Plan Name**, **Plan Description**, **Plant**, and **Tags**.
4. Click **Save & Next**.
5. Select **Location** and **Assets**.
6. Add required tasks for the round.



Note:

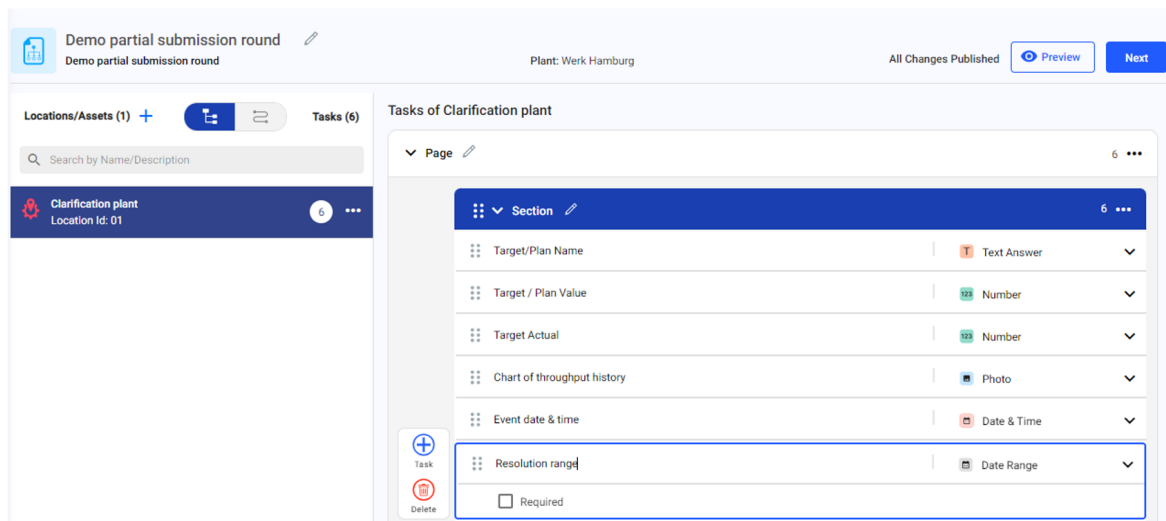
This Dynamic Rounds Generation using APIs process supports only five Response Types. They are Text Answer, Number, Date Range, Date & Time, and Photo.

7. Click **Next** and **Publish**.

The interested customer requires an API Key along with the Tenant ID to be able to dynamically generate and partially execute a round. When the Innovapptive security module receives an API request from the customer, the key is evaluated, a secure connection is established between the applications, and the customer gains access to the API and can expect the desired API response.

| 2 - Invoking mRounds Tasks using APIs

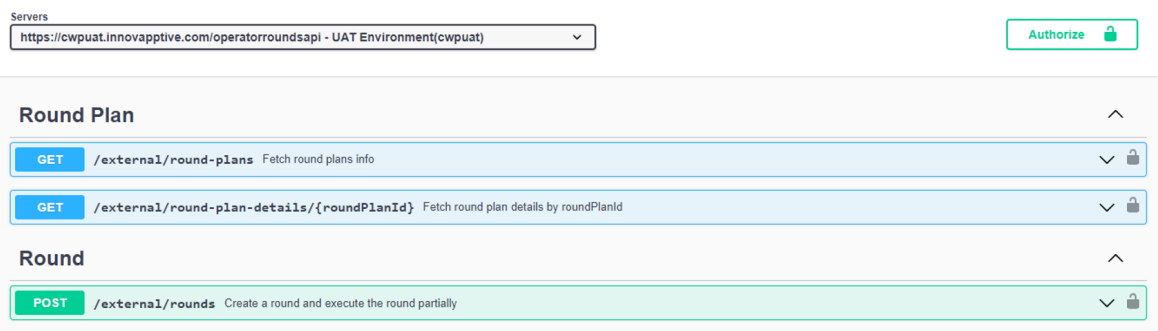
In a worst-case scenario, if the API receives a bad request or the API_Key fails to validate, it returns a response with the HTTP bad request status code.



To programmatically generate and partially execute a round, see, [How to get Round Plans List \(on page 45\)](#), [How to get Round Plan Details \(on page 47\)](#), and [Dynamically Generate and Partially Execute a Round \(on page 43\)](#).

CWP - Operator Rounds 1.0.0 OAS 3.0

CWP - Operator Rounds
[Contact the developer](#)
Apache 2.0



2.3.1. How to get Round Plans List

The Get Round Plans List API service allows you to fetch the round plans list based on query parameters. If no query parameters are passed, by default, it fetches the published round plans list with a limit of 100.

To get the round plans list:

| 2 - Invoking mRounds Tasks using APIs

1. Expand the Get method with `round-plans`.
2. Click **Try it out**.

Round Plan

GET /external/round-plans Fetch round plans info

Fetch round plans info based on query parameters. In case of no query parameters are passed, by default it will fetch published round plans with limit 100

Parameters Cancel

Name	Description
tenantid * required (header)	tenantid
plantid (query)	plantid
formStatus (query)	formStatus
limit (query)	limit
searchTerm (query)	searchTerm
next (query)	next

Execute

3. Provide the following request parameters:

Field Name	Description
tenantid*	Enter the Tenant ID created by Tenant Management.
plantid	Enter Plant ID to filter the response based on plant id.
formStatus	Enter status to filter the response based on form status, such as Draft or Published.
limit	Enter the limit to display a specific number of records. If no value is entered, 100 records are displayed by default.
searchTerm	Enter a search term to filter the response by a particular term. For example, Demo partial submission round.

Field Name	Description
next	Enter the next value to display the next set of records. For example, if there are 100 records, the limit is set to 25, and if you want to get the next set of 25 records, you can provide the next value as 25.

4. Click **Execute**.

The following response is displayed.

Server response

Code	Details
200	Response body <pre>{ "items": [{ "id": "addd59d8-84ae-4221-a2ed-51a4a60a25a0", "name": "Demo partial submission round", "description": "Demo partial submission round", "plantId": "0bd8a352-da2f-40fb-95c9-ea9d57f12154", "formStatus": "Published", "author": "Kiran Palani", "lastPublishedBy": "Kiran Palani", "createdAt": "2023-07-28T08:35:32.084Z", "updatedAt": "2023-07-28T12:29:40.112Z" }], "next": null }</pre>

2.3.2. How to get Round Plan Details

The Get Round Plan Details API service allows you to fetch specific round plan details with tasks based on the `roundPlanId` path parameter. It returns location or asset wise round plan details.

To get the specific round plan details:

1. Click **Authorize**.
2. In the **Available Authorizations** pop-up, enter the API Key value and click **Authorize**.
3. Click **Close**.
4. Expand the Get method with `roundPlanId`.
5. Click **Try it out**.

| 2 - Invoking mRounds Tasks using APIs

GET /external/round-plan-details/{roundPlanId} Fetch round plan details by roundPlanId

Fetch round plan details based on roundPlanId path parameter (It returns location/asset wise round plan details)

Parameters

Name	Description
tenantid * required (header)	tenantid
roundPlanId * required (path)	roundPlanId

Execute

6. Provide the following request parameters:

Field Name	Description
tenantid*	Enter the Tenant ID created by Tenant Management.
roundPlanId	Enter the Plan ID to display the specific round plan details. You can copy the ID value from the above response.

7. Click **Execute**.

The following response is displayed.

```
Server response
Code    Details
200
Response body
{
  "type": "location",
  "id": "01",
  "name": "Clarification plant",
  "tasks": [
    {
      "id": "Q1",
      "name": "Target/Plan Name"
    },
    {
      "id": "Q2",
      "name": "Target / Plan Value"
    },
    {
      "id": "Q3",
      "name": "Target Actual"
    },
    {
      "id": "Q4",
      "name": "Chart of throughput history"
    },
    {
      "id": "Q5",
      "name": "Event date & time"
    },
    {
      "id": "Q6",
      "name": "Resolution range"
    }
  ]
}
```

2.3.3. How to create a Round and Partially execute It

The Post Round Plan API service allows you to create a round and execute it partially based on the round plan details request.

To create and execute a round partially:

1. Click **Authorize**.
2. In the **Available Authorizations** pop-up, enter the API Key value and click **Authorize**.
3. Click **Close**.
4. Expand the Post method with `rounds`.
5. Click **Try it out**.

Round

POST /external/rounds Create a round and execute the round partially

Create a round and execute the round partially based on round plan detail request

Parameters Cancel

Name	Description
tenantid * required (header)	tenantid

Request body application/json

Round plan detail object

```
{
  "roundPlanId": "string",
  "assignedTo": "string",
  "tasks": [
    {
      "id": "string",
      "value": "string"
    }
  ]
}
```

Execute

6. Provide the following request parameters:

Field Name	Description
tenantid*	Enter the Tenant ID created by Tenant Management.

7. In the **Request Body** section, edit the code by adding pre-filled values as required.

**Note:**

This Dynamic Rounds Generation using APIs process supports only five Response Types. They are Text Answer, Number, Date Range, Date & Time, and Photo. The format of the pre-filled response must be base 64 for images, ISO string for Date & Time, and Date Range response types.

For example,

```
{
  "roundPlanId": "add59d8-84ae-4221-a2ed-51a4a60a25a0",
  "assignedTo": "abc@iinovapptive.com",
  "tasks": [
    {
      "id": "Q1",
      "value": "Tom Curran"
    },
    {
      "id": "Q2",
      "value": "209.09"
    },
    {
      "id": "Q3",
      "value": "2023-07-31T08:11:31.526Z"
    },
    {
      "id": "Q4",
      "value": "2023-07-31T08:11:31.526Z"
    },
    {
      "id": "Q5",
      "value": "2023-07-31T08:44:24.526Z;2023-07-30T08:44:24.526Z"
    },
    {
      "id": "Q6",
      "value":
        "Uk1GRv6kBABXRUIJQVLA4IPKkBACwgBwdASrKCNwFPkKkjkUioiEqpdK6qVAJCwNuKQh/+988q1p8CnkK8Dx6prJ6z+sg21n8P004y0n27gZJ77J/QsZ3/T1z/ZP9rzKua/2D/n/5Pyr/qP/H42vn/+5/7"
    }
  ]
}
```

| 2 - Invoking mRounds Tasks using APIs

```
vuFfy/+q/77/E/1B87P+L3pm3f7T/Af/a/8n/6f9T6W/J1/4/qhf4X1Hf9P0Jv1X/gfuD8Bn6zenj/b/c300/tn/I/bX3K/1P/N/+//U9rjwP
0p/fYKlxfZ/+X/Y/vB/p/eu5D71/mH4P/Rf9n/K/u19s/9r/8eKPt3/V/br1b0ov/N/nv9d+53ym/7H/x/3n+++M/8s/2f/
w/1/7//737Gf1u/7X+K/1Xwn/9H7kFC794PVz+4v7f/8f4TP/P+7///+T390/7X7m/9/5Pv6b/xf///1v/V8e/rW/+31af+/6K//q/eb/7/Mh
+5H7pf934Pf8//+v9r/wdcA+Sf9/zV/Nv7n9tfI38293j3o/z376/Ndnz7nP/X9s/Zj+h/q/
/D/nPZf9+X++9CfzT++9C/8u/rv/M/w3swTifEnL32X+av00P3/259zf1z/m+XP/U0Sp/pf
+f2JP9J/vvVf/3//36efsD9ufdK/xR0kMFe5l02gs7bNwM97pbcWmJN/TtUi0b0hSm2m4Beb9ZNSnLhqQIlsvgxpXX/kr6Eofiqgnej0N8qwh2w
AHvI6zH3kvpzMzge/
ifarRFqB3pk23svtTPZAU6CVvz1PmTqCxs1Ziob1Pf5mDL55R0cb/p0Rjy7Gpt66wsJM60QdrMb6Tn/LvSKuNI6UvbK0nadGZwUsIOLK1eR1f1
1S/f2bceC0HMauiWEE10n841PDVL7Q/9UYgVwEYPT1TgFDP+5qYrbKSh3A0Y1h7s6bdP22gmEQRXTE0grBJzVMeJ/
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| 2 - Invoking mRounds Tasks using APIs

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| 2 - Invoking mRounds Tasks using APIs

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x8cCwx5o0z70aQddTNqixJWUk8Go1G1JV8s512dg1qh5W8Z82aGqM1GNvRepyLvdqgHSw0mxx8suA55TPQsZnTYhV4p7+m6xiPY/GYduopP/pR
P9osHGih5U3hm5oJIXd83cE0LGkiDxiUo7LqJstvtymTnxRN1dtJtEVA8aKhSd1X6rSUW0Uqn9lr2TA155g+hF0p4uWpBuMFMvAN/syzsxzf6j9
c5g9a4lyBEKN1XBhZdxSRK46w3XN/8I2T5crAfT2jswtrDHA8iRJFQ0t9Gv7SupSbdn5qyDhw41sTiq+hNZqyMShQ4nBv3hmqAPfKsnhWKT9rL
ZkAvEcVfH5t5Y2ZORACzKZDdagZyW7CF99ZR2GCLKXnheHVAyfcYo/V0u814jKCWgU18PAW10aT0RpJ7JUzK0vZKTDk6LAAoGo0Usvitarm
Eik+JS02ukXFoqBfbW8aXeG+JKyLYJ0TN4NzjmYvM52VgNXP9eh+2f8M58u40ggg0+MFCEnpZy8gE3+ufu8nv7AlI467k6XYNgJwJSIGpoaCkvf

mRounds Integration Guide

Add the base 64 string (id: Q6) for the image response type.

mRounds Integration Guide 54



Note:

If you provide the email ID of the person who needs to work on the round in the Assign to field, then the round is assigned to the user and automatically appears in the My Rounds screen of the user with the In-progress state in the user's mobile application.

8. Click **Execute**.

The following response is displayed.

Code	Description
200	Responds with newly created round submission Media type application/json Controls Accept header. Example Value Schema <pre>{ "id": "string", "inspectionslistID": "string", "plantId": "string", "assignedTo": "string", "previouslyAssignedTo": "string", "createdBy": "string", "flatHierarchy": {}, "formData": {}, "isDeleted": "string", "createdAt": "2023-07-28T13:42:12.301Z", "updatedAt": "2023-07-28T13:42:12.301Z" }</pre>

2.3.4. How to view the Updated Details in the mRounds Mobile App

You can view all the pre-filled responses on the mobile application.

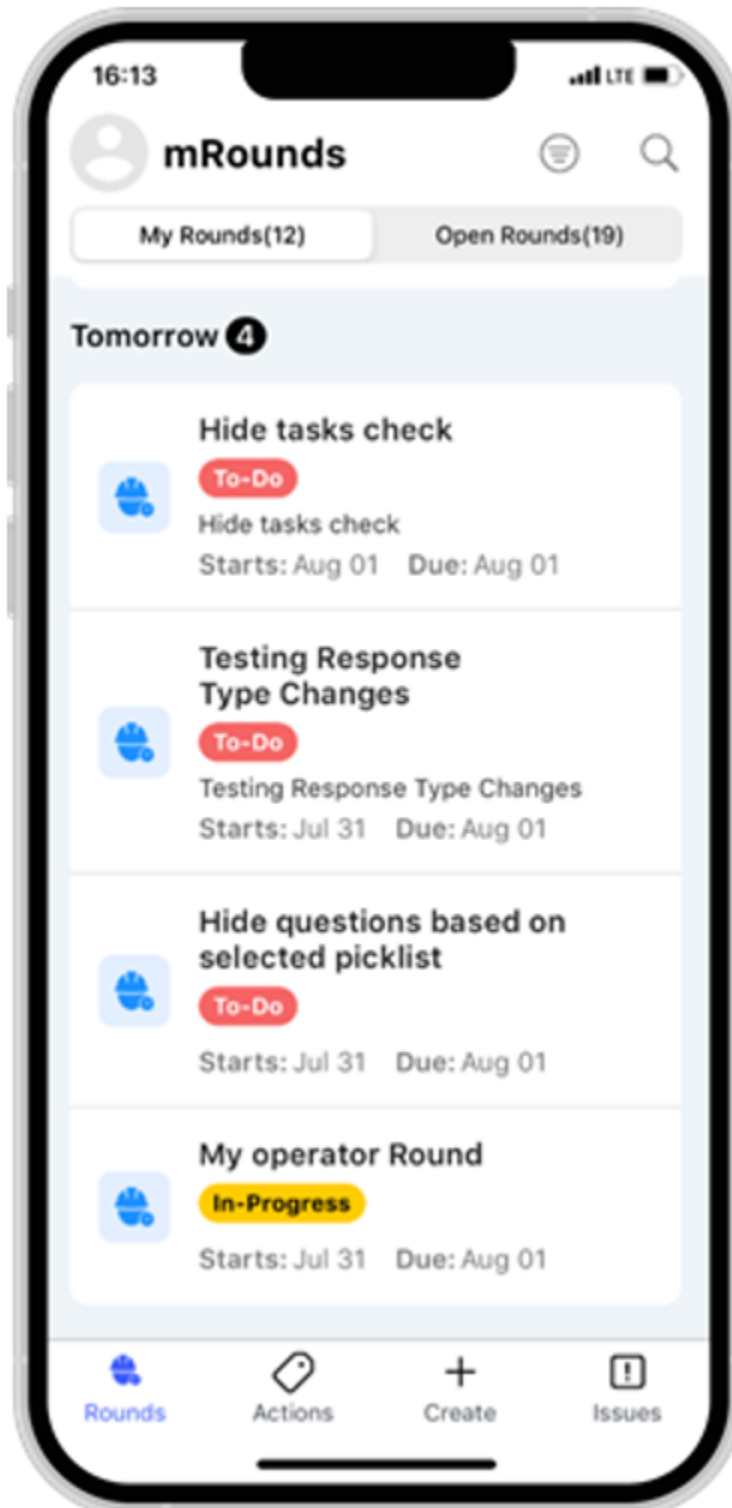
To view partially executed round details:

1. Open the mRounds mobile application.
2. Tap the **Open Rounds** tab.

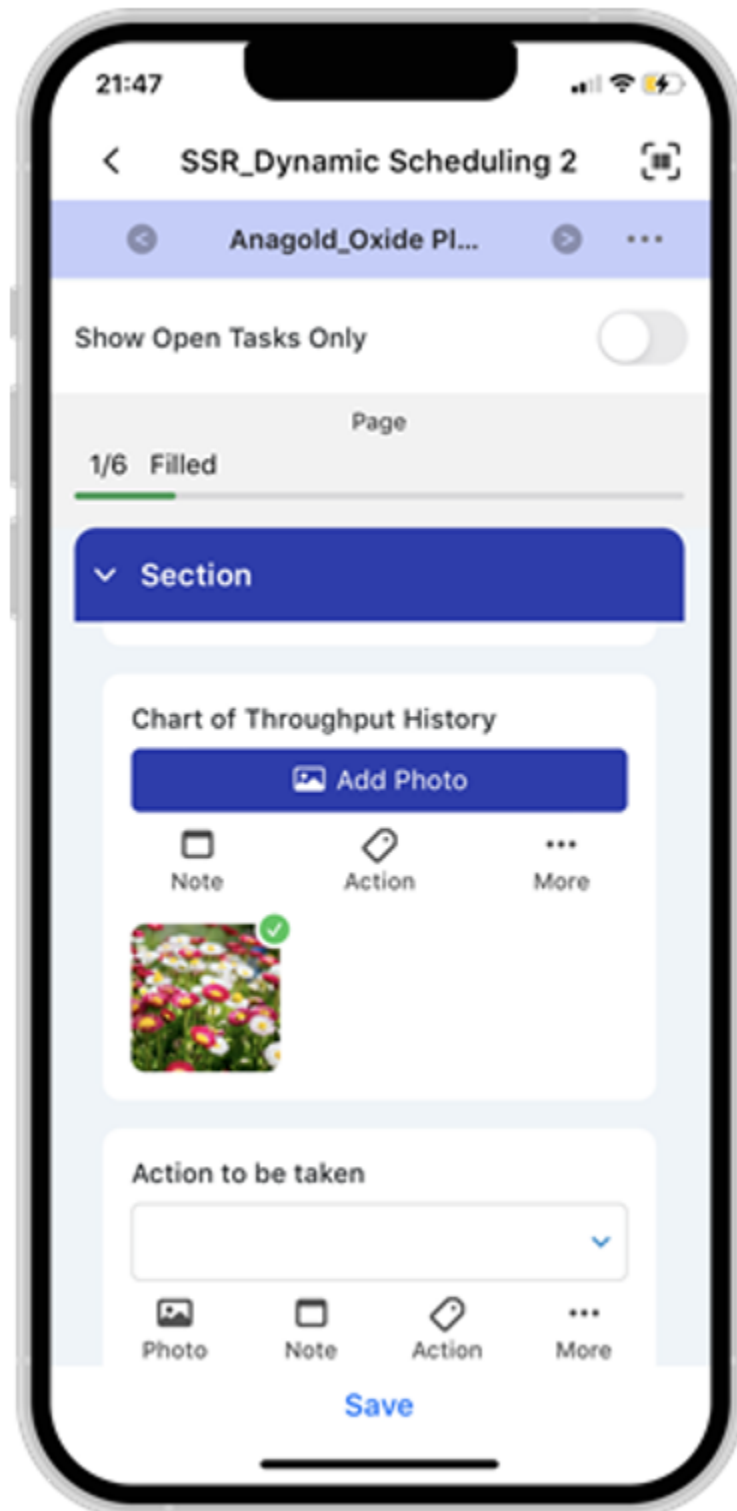


Note:

If you provide the email ID of the person who needs to work on the round in the Assign to field, then the round is assigned to the user and automatically appears in the **My Rounds** screen of the user with the **In-progress** state in the user's mobile application.



The screenshot displays the mRounds mobile application interface on a smartphone. At the top, the status bar shows the time 16:14, LTE signal, and battery level. The app's header bar includes a back arrow, the title 'My operator Round', and a QR code icon. Below the header, a blue navigation bar contains a left arrow, the text 'POX P1,P2 Hyder...', a right arrow, and a three-dot menu icon. A toggle switch labeled 'Show Open Tasks Only' is positioned below the navigation bar. A progress indicator shows '3/5 Filled' with a green bar. A blue section header with a dropdown arrow is labeled 'Section'. Below this, there are three form sections: 'Text' with a text input field containing 'Tom Curran', 'Number' with a text input field containing '209.09', and 'Date and Time' with a text input field containing '31 Jul 2023 16:13'. Each section has a row of icons: a photo icon, a note icon, an action icon, and a 'More' icon with three dots. At the bottom of the form, there is a 'Save' button. The bottom of the screen shows the standard Android navigation bar with icons for back, home, and recent apps, along with a three-dot menu icon.



3. Select the round, which is in Partially Open status, and tap **Add to My Rounds**.
4. Tap the **My Rounds** tab and select the assigned round to open it.

You can see that some fields or tasks are pre-filled with data. The image, which was given as base64 string is displayed as shown below.

2.4. Understanding Error Codes

Following are the possible error codes:

Error Code/Status	Message	Scenario
200	NA	When the successful response received
401	Request header (x-api-key) is missing	When the authorized API Key is not provided
401	Invalid API Key	When the provided key is invalid or incorrect
401	API Key Expired	When the key is expired
401	TenantId Test not found in db or cache	When the tenatid value is not provided
404	Round plant id did not exist	When an incorrect roundPlantID is provided
500	Internal server error	When the server is not responded