

# Creating Routes

Before collecting data, you must set up your environment by creating a **Factory**, **Space**, **Machine**, and **Points**. Once these foundational elements are in place, you can proceed to create data collection routes.

## Set Up the Factory and Space

### Create a Factory

Navigate to Setup > New Factory under the project section to create a new factory.

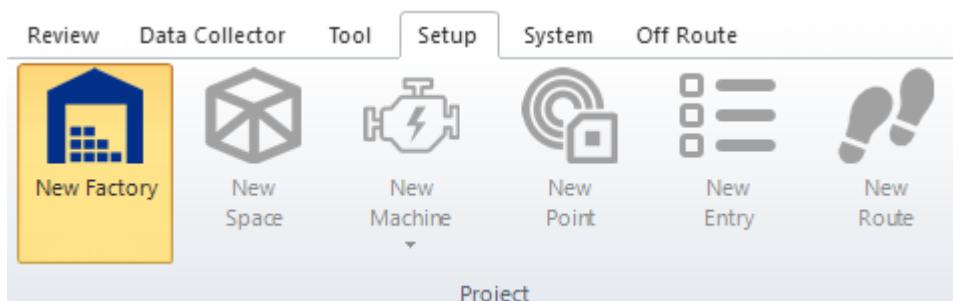
Setup the name of your factory, description, and other.

### Create a Space

In the **Asset Explorer**, click on the newly created factory.

Next to the “New Factory” icon, click **New Space** to add a space within the factory.

Setup the name of your space, description, and other information.



Factory

Name:

Description:

Factory Electric Line Frequency:  Hz

**Contact Information** **Notes**

Alias name:

Company name:

Country:  State:

City:  Postal code:

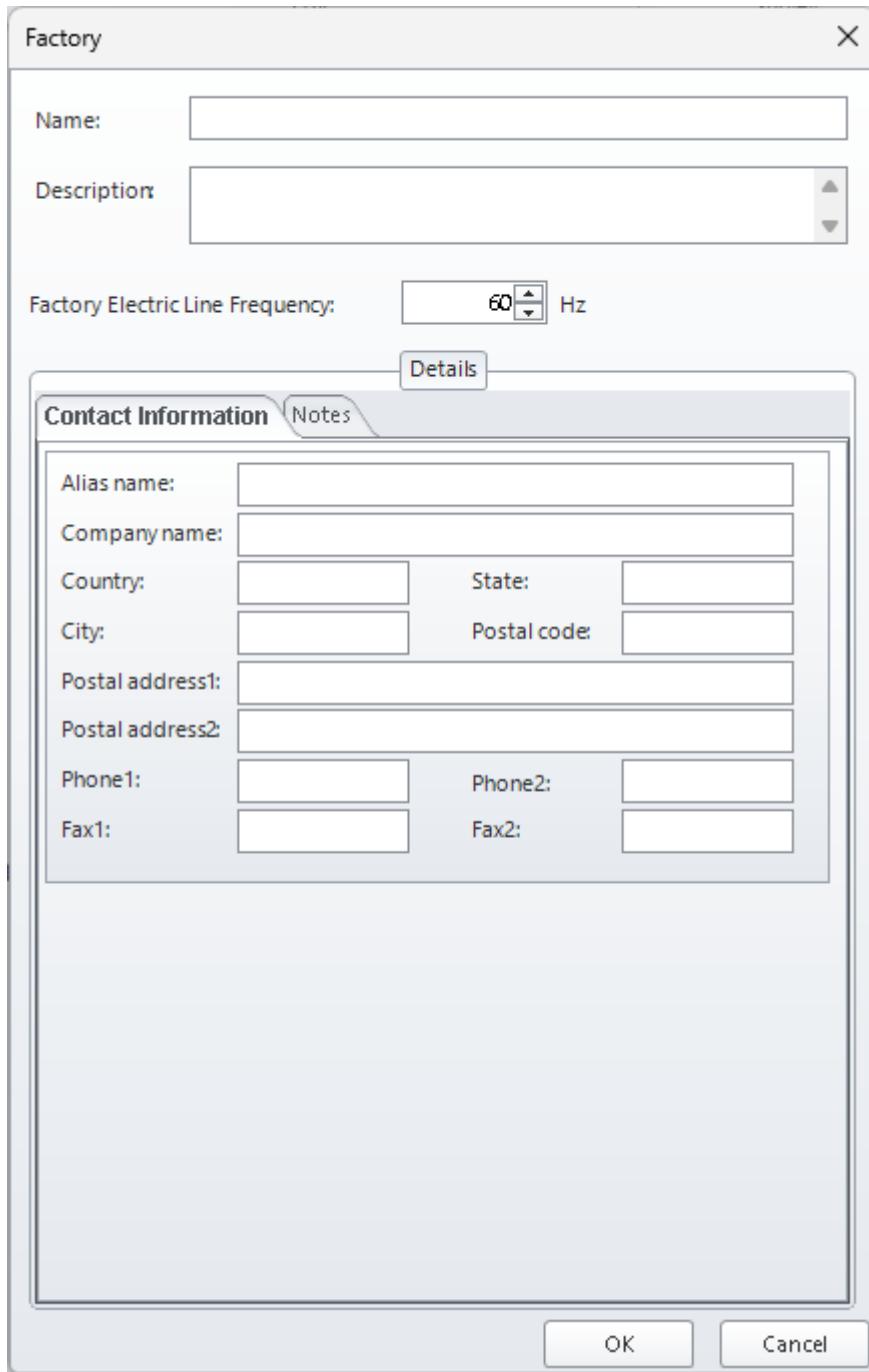
Postal address1:

Postal address2:

Phone1:  Phone2:

Fax1:  Fax2:

OK Cancel



## Define Machine Classes

Machine classes serve as templates or models for your actual machines. They are not individual machines but represent a type of machine used in your factory.

If you have multiple machines of the same type (e.g., a fleet of AC Chilled Water units), you create a machine class to model their shared characteristics.

Each physical machine will be instantiated under that class in your database.

If you already have a machine class file, click **Import Machine Class** and select your file to import it.

### To create or import a Machine Class:

Click the **Machine Class Builder** icon in the Edit section.

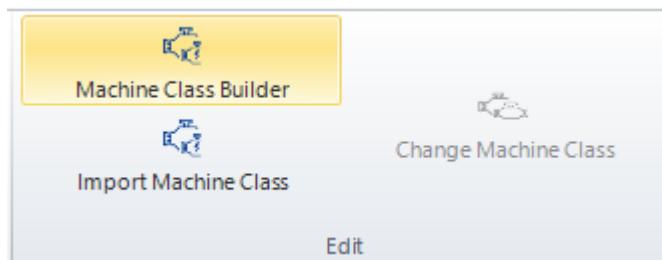
Use the **Open** icon in the Library section and select **Component** from the side menu to begin adding components.

Create a new Machine Class by clicking **Machine Class** under the New section

Drag and drop items from the **Tools** panel into the center window to build your machine class.

Use the **Property** bar on the right to configure details for each component.

**Note:** New databases come pre-populated with components, but machine classes must be created by the user to match their specific factory setup.



## Create Machines

Once your machine class is ready:

In the **Asset Explorer**, click on the **Space** you created.

Click **New Machine**.

In the **Machine Setup** window:

Assign a name to the machine.

Select the data collection points associated with this machine.

Machine

Name:	<input type="text"/>
Short Name:	<input type="text"/>
Description:	<input type="text"/>
S/N:	<input type="text"/>
Space:	<input type="text"/>
Location:	<input type="text"/>

No Machine Class

Select a Machine Group

**Machine Class**

Select a Machine Class

**Points**  **Alias**  **Speed**

Select/Deselect the Points to set up for this machine

Name	Select

## Create a Route

After machines are defined:

Click the **New Route** icon.

Select the points you want to include in the route.

Edit Route X

Name:

Description:

Properties

**Route Selection** Notes

Allow select entry for points

WATER SERVICE

- BUILDING A
- Conference Room

View Machine List OK Cancel

From:  
<https://help.go-ci.com/> - **Crystal Instruments Help**

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