

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.

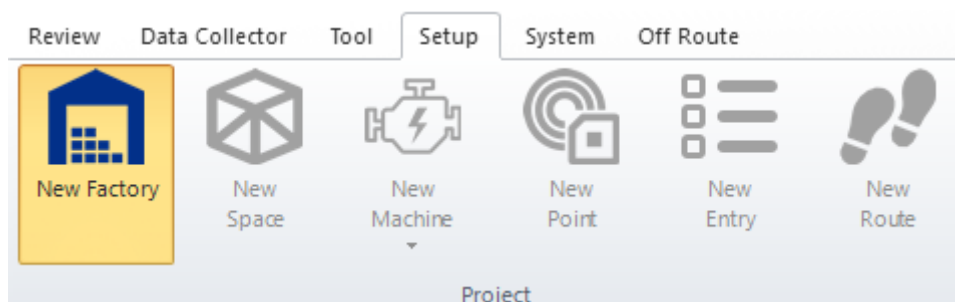
Set Up the Factory and Space

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

Details

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

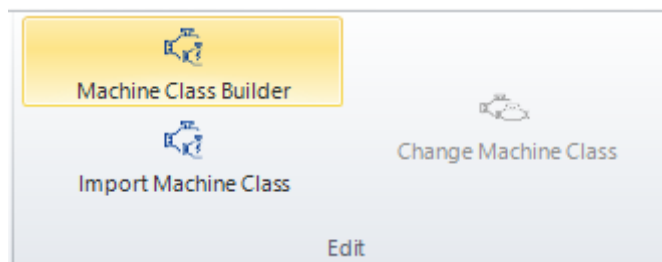
Machine classes serve as templates or models for your actual machines. They are not individual machines but represent a type of machine used in your factory. Machines must be assigned to Machine Classes in order to process a diagnostic report. If the user does not intend to use the diagnostic system, then they can skip creation of Machine Classes.

- 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:

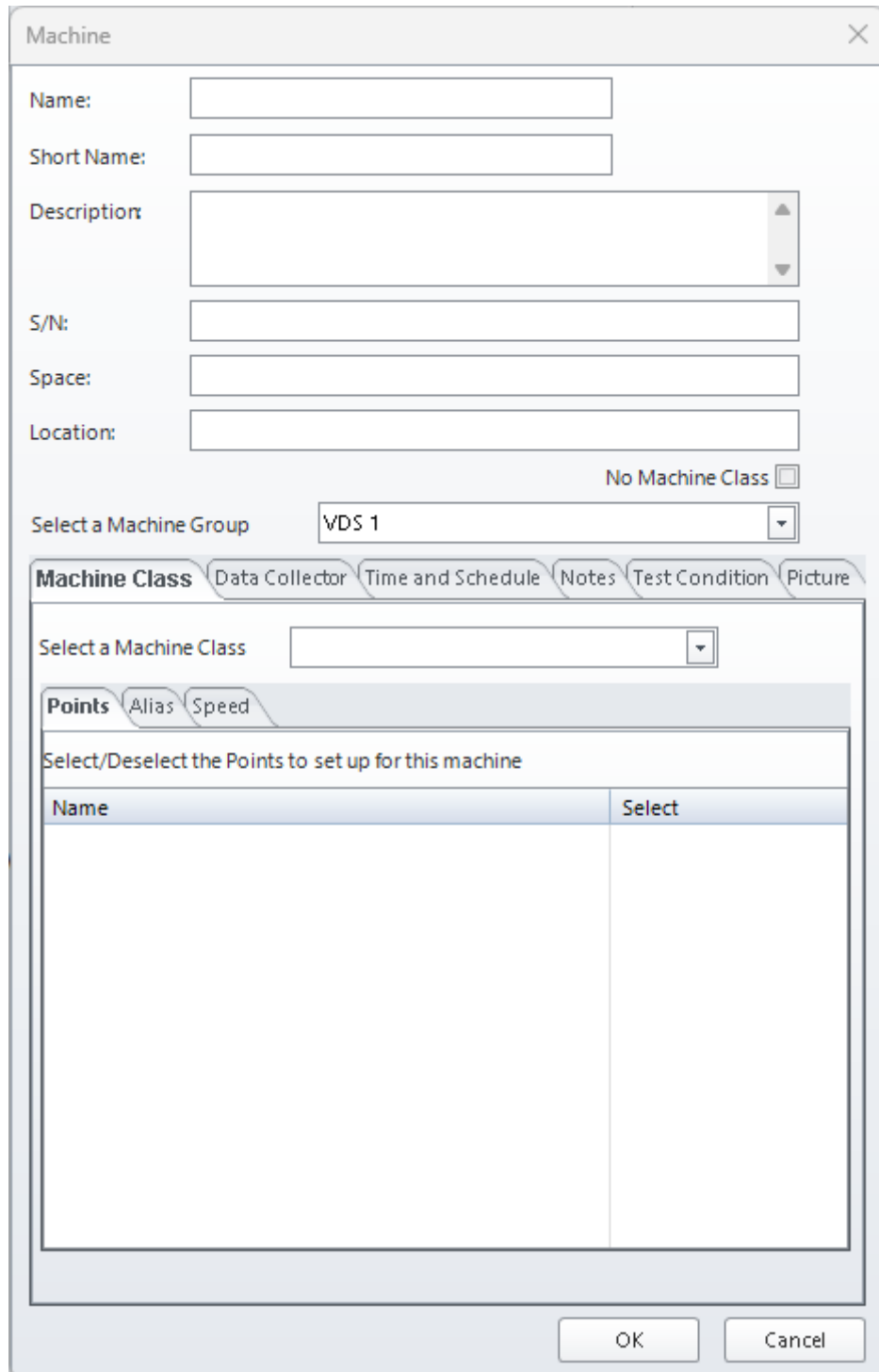
1. Click the **Machine Class Builder** icon in the Edit section.
2. Use the **Open** icon in the Library section and select **Component** from the side menu to begin adding components.
3. Create a new Machine Class by clicking **Machine Class** under the New section
4. Drag and drop items from the **Tools** panel into the center window to build your machine class.
5. 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

1. Once your machine class is ready:
2. In the **Asset Explorer**, click on the **Space** you created.
3. Click **New Machine**.
4. In the **Machine Setup** window:
 1. Assign a name to the machine.
 2. Select the data collection points associated with this machine.



The image shows a 'Machine' configuration dialog box. It has a title bar with a close button. The main area contains several input fields: 'Name:', 'Short Name:', 'Description:' (with a scroll bar), 'S/N:', 'Space:', and 'Location:'. Below these is a checkbox labeled 'No Machine Class' and a dropdown menu 'Select a Machine Group' with 'VDS 1' selected. A tabbed interface follows, with 'Machine Class' as the active tab. Other tabs include 'Data Collector', 'Time and Schedule', 'Notes', 'Test Condition', and 'Picture'. Inside the 'Machine Class' tab, there is a 'Select a Machine Class' dropdown. Below that are three sub-tabs: 'Points', 'Alias', and 'Speed'. The 'Points' sub-tab is active and contains a table with the heading 'Select/Deselect the Points to set up for this machine'. The table has two columns: 'Name' and 'Select'. The table body is empty. At the bottom of the dialog are 'OK' and 'Cancel' buttons.

Machine

Name:

Short Name:

Description:

S/N:

Space:

Location:

No Machine Class ☐

Select a Machine Group

Machine Class Data Collector Time and Schedule Notes Test Condition Picture

Select a Machine Class

Points Alias Speed

Select/Deselect the Points to set up for this machine

Name	Select
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OK Cancel

Create a Route

After machines are defined:

- Click the **New Route** icon.
- Select the points you want to include in the route.

Edit Route

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**

Permanent link:
<https://help.go-ci.com/vds:routes?rev=1749766485>

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