

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.

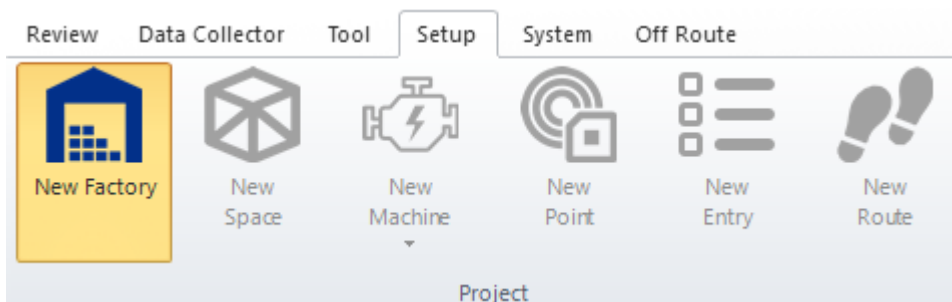
Setup the name of your factory, description, and other.

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.



The image shows a 'Factory' dialog box with a close button (X) in the top right corner. It contains the following fields and controls:

- Name:** A single-line text input field.
- Description:** A multi-line text area with up and down arrow buttons on the right side.
- Factory Electric Line Frequency:** A numeric input field with a spinner, currently showing '60', followed by 'Hz'.
- Details:** A tabbed interface with two tabs: 'Contact Information' (selected) and 'Notes'.
- Contact Information:** A sub-dialog containing several input fields:
 - Alias name:** Single-line text input.
 - Company name:** Single-line text input.
 - Country:** Single-line text input.
 - State:** Single-line text input.
 - City:** Single-line text input.
 - Postal code:** Single-line text input.
 - Postal address1:** Single-line text input.
 - Postal address2:** Single-line text input.
 - Phone1:** Single-line text input.
 - Phone2:** Single-line text input.
 - Fax1:** Single-line text input.
 - Fax2:** Single-line text input.
- Buttons:** 'OK' and 'Cancel' buttons at the bottom right of the main dialog.

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.

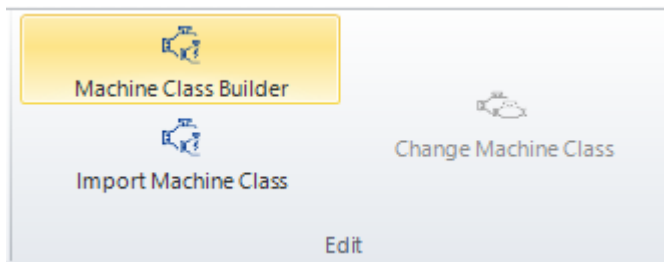
Use the **Open** icon in the Library section and select **Component** from the side menu to begin adding components.

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:

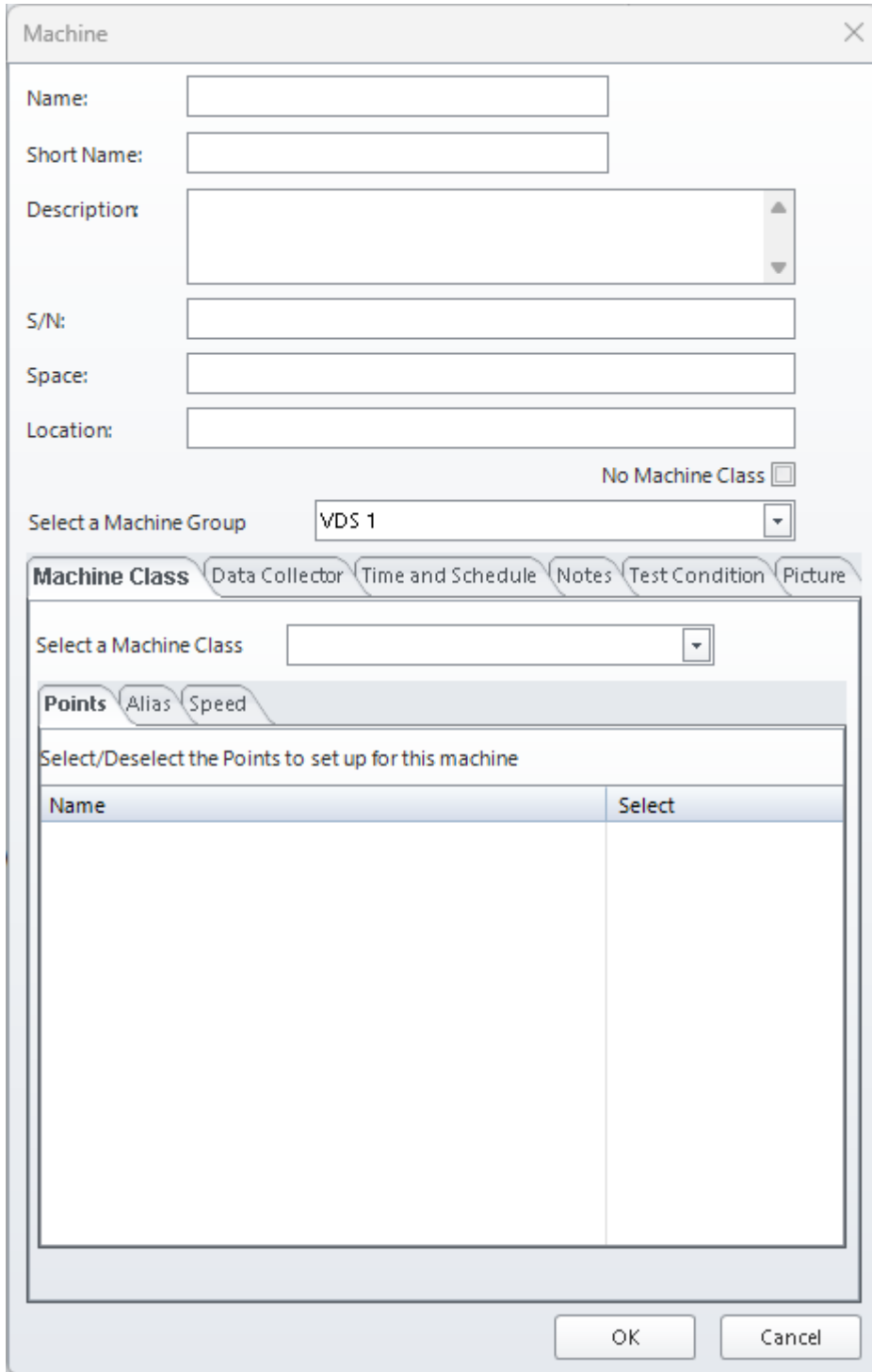
In the **Asset Explorer**, click on the **Space** you created.

Click **New Machine**.

In the **Machine Setup** window:

Assign a name to the machine.

Select the data collection points associated with this machine.



The image shows a 'Machine' configuration dialog box. It contains several input fields: 'Name', 'Short Name', 'Description', 'S/N', 'Space', and 'Location'. There is a checkbox for 'No Machine Class' and a dropdown for 'Select a Machine Group' currently set to 'VDS 1'. Below these fields are tabs for 'Machine Class', 'Data Collector', 'Time and Schedule', 'Notes', 'Test Condition', and 'Picture'. The 'Machine Class' tab is active, showing a dropdown for 'Select a Machine Class'. Underneath are sub-tabs for 'Points', 'Alias', and 'Speed'. The 'Points' sub-tab is active, displaying a table with the instruction 'Select/Deselect the Points to set up for this machine'. The table has two columns: 'Name' and 'Select'. At the bottom of the dialog are 'OK' and 'Cancel' buttons.

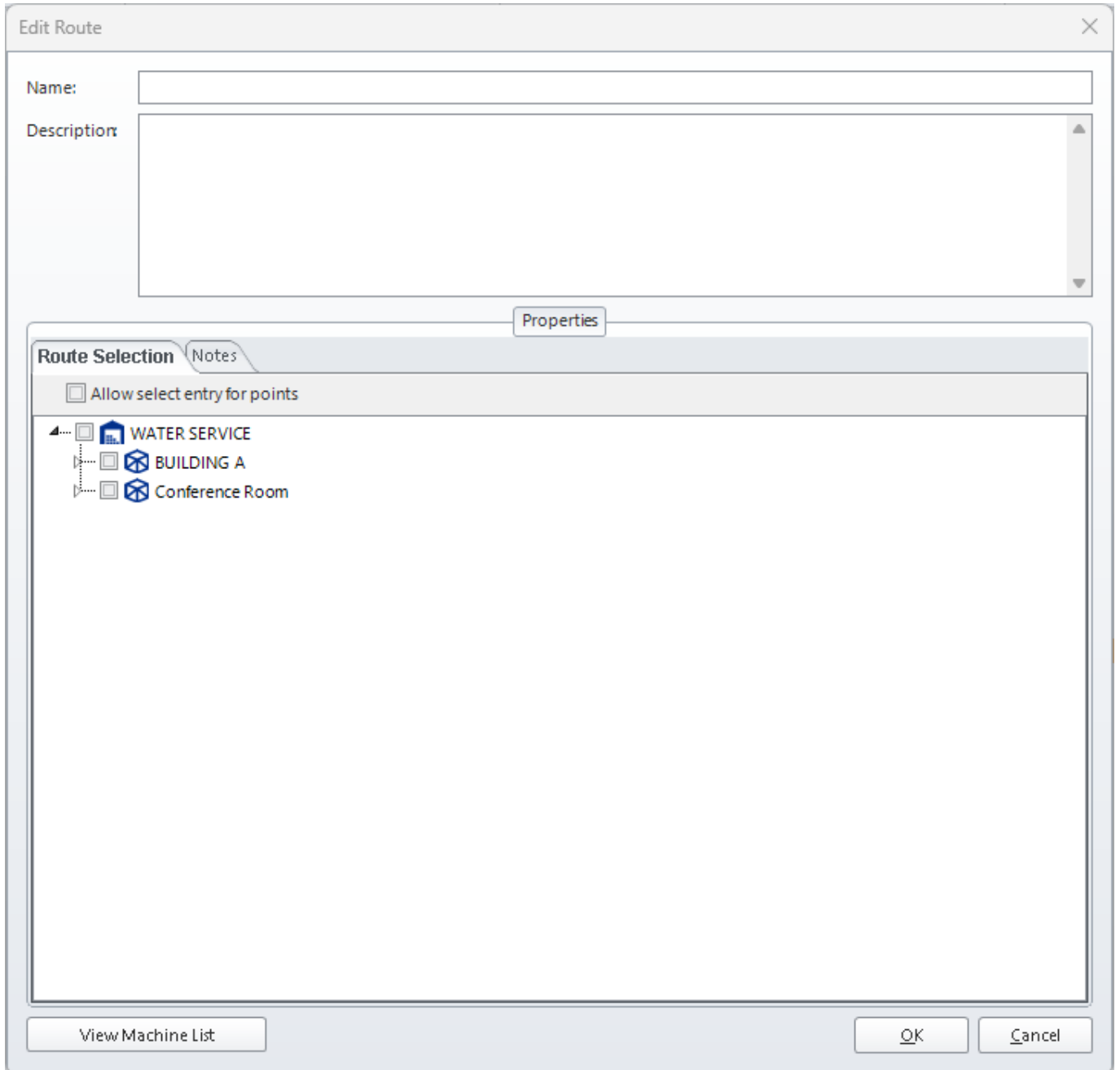
Name	Select
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Create a Route

After machines are defined:

Click the **New Route** icon.

Select the points you want to include in the route.



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Permanent link: <https://help.go-ci.com/vds:routes?rev=1748382025>

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