

# 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.

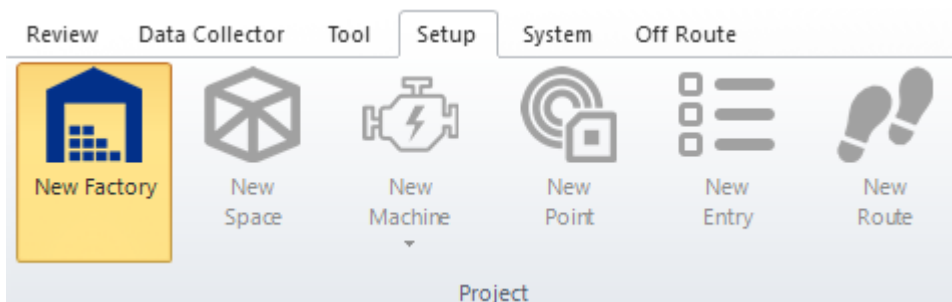
Setup the name of your factory, description, and other.

### 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 spinner control set to '60' with 'Hz' to its right.
- Details:** A tabbed interface with two tabs: 'Contact Information' (selected) and 'Notes'.
- Contact Information:** A sub-dialog containing:
  - Alias name:** A single-line text input field.
  - Company name:** A single-line text input field.
  - Country:** A single-line text input field.
  - State:** A single-line text input field.
  - City:** A single-line text input field.
  - Postal code:** A single-line text input field.
  - Postal address1:** A single-line text input field.
  - Postal address2:** A single-line text input field.
  - Phone1:** A single-line text input field.
  - Phone2:** A single-line text input field.
  - Fax1:** A single-line text input field.
  - Fax2:** A single-line text input field.
- 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.

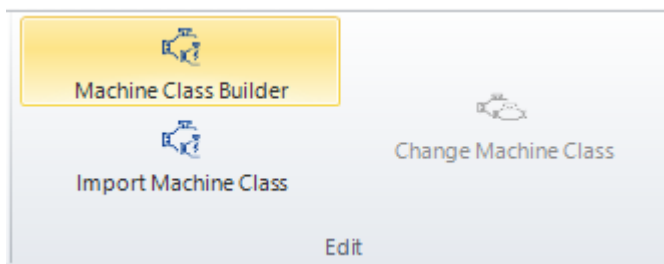
Use the **Open** icon in the Library section and select **Component** from the side menu to begin adding components.

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.

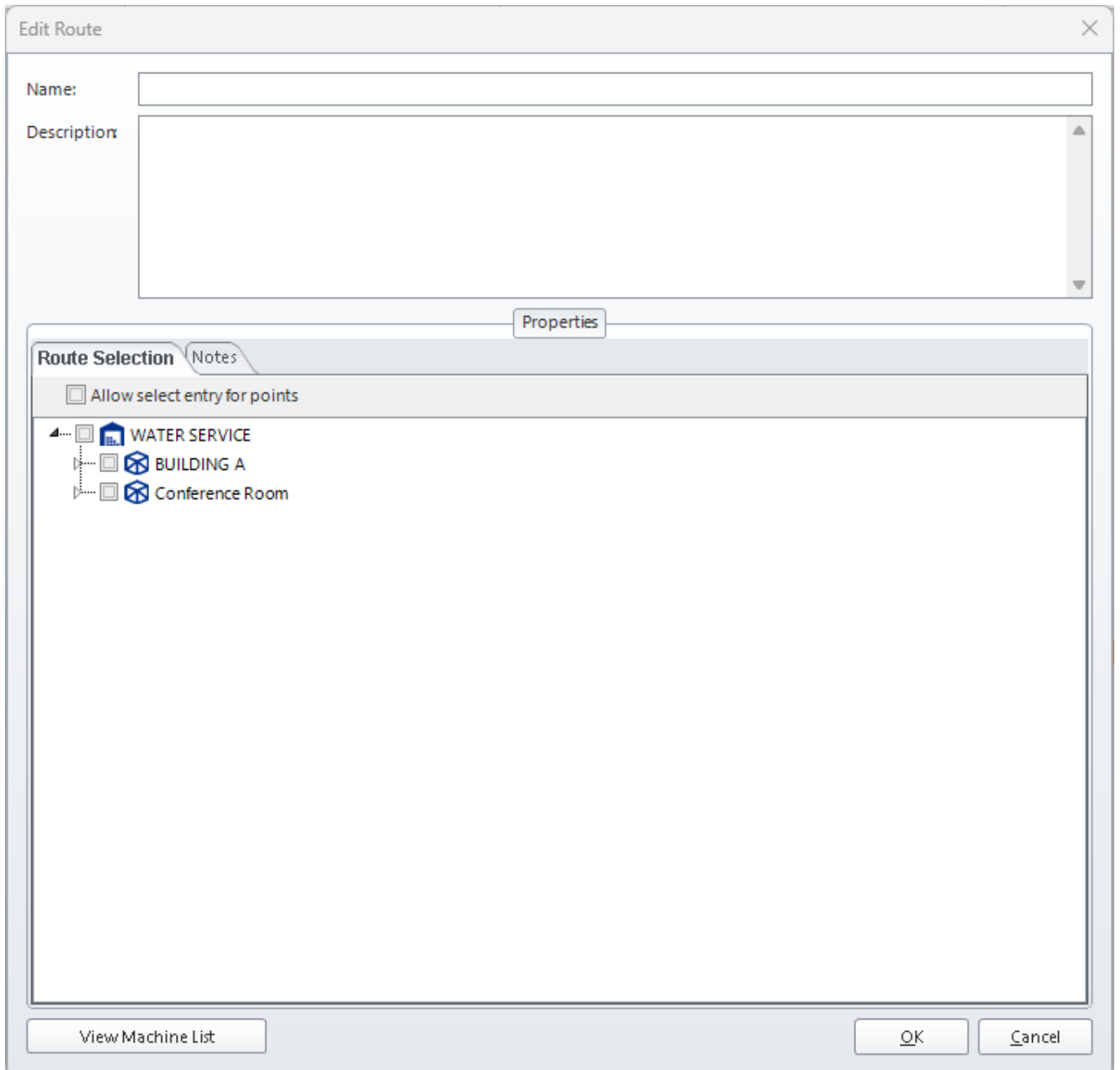
Click **New Machine**.

In the **Machine Setup** window:

Assign a name to the machine.

Select the data collection points associated with this machine.





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