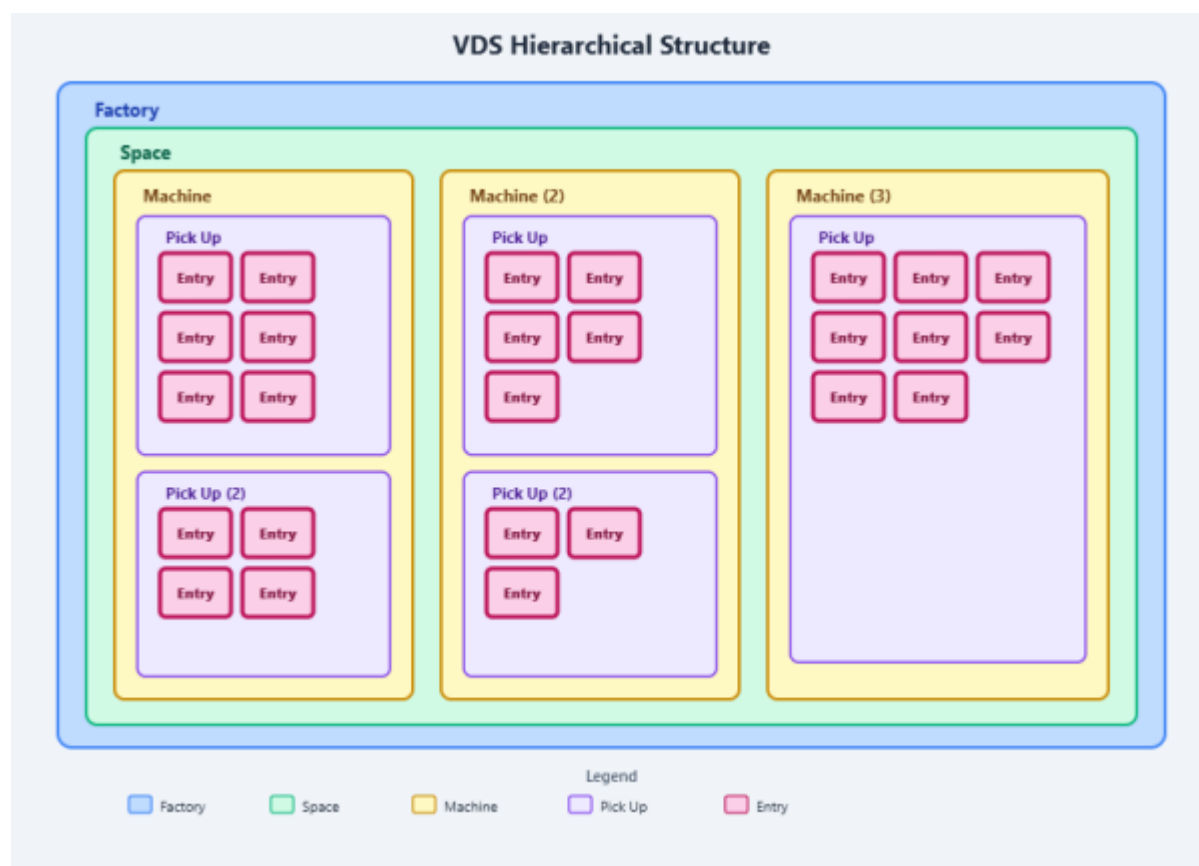


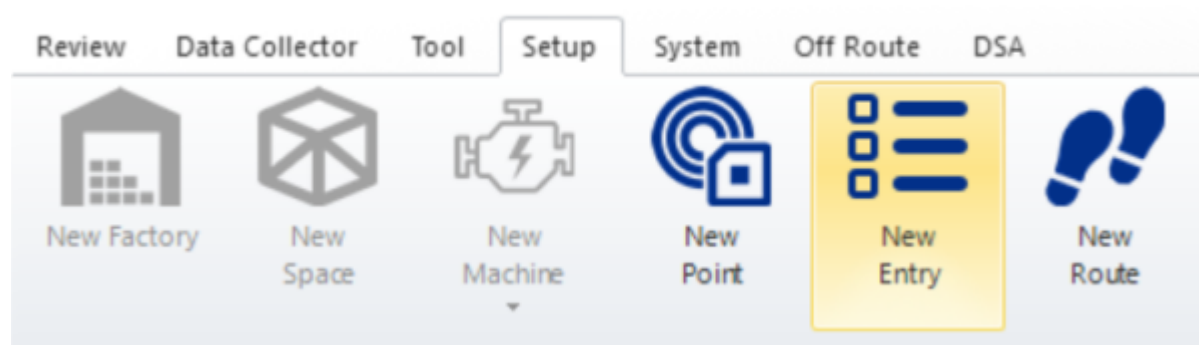
VDS Measurement Entries



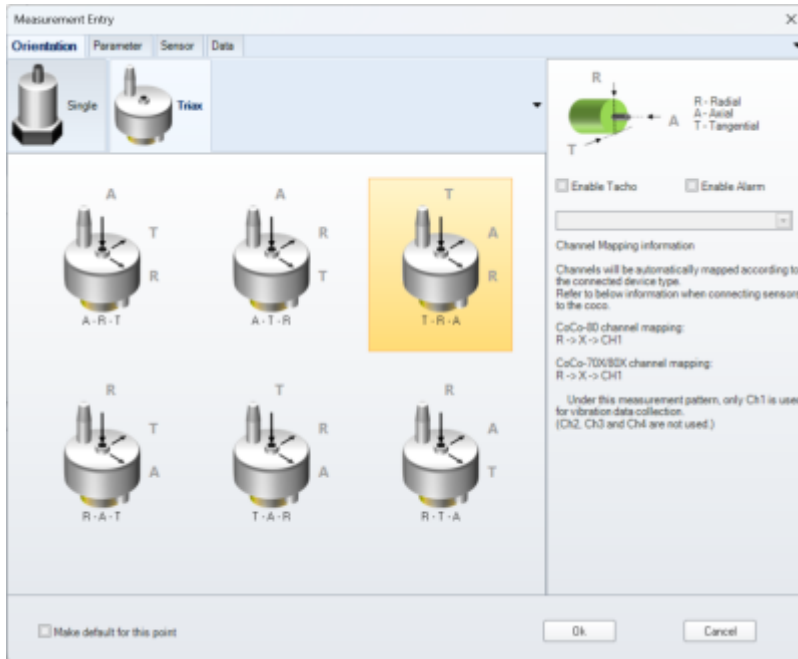
Entries are found under the pickup point in the hierarchical structure of the factory; they track to a specific measurement taken on the route

Entry Creation

New Entries can be created by going to the setup tab and finding New Entry on the Project Panel; in order to create an entry, you need to be selecting a Point or Entry in the asset explorer.



Orientation

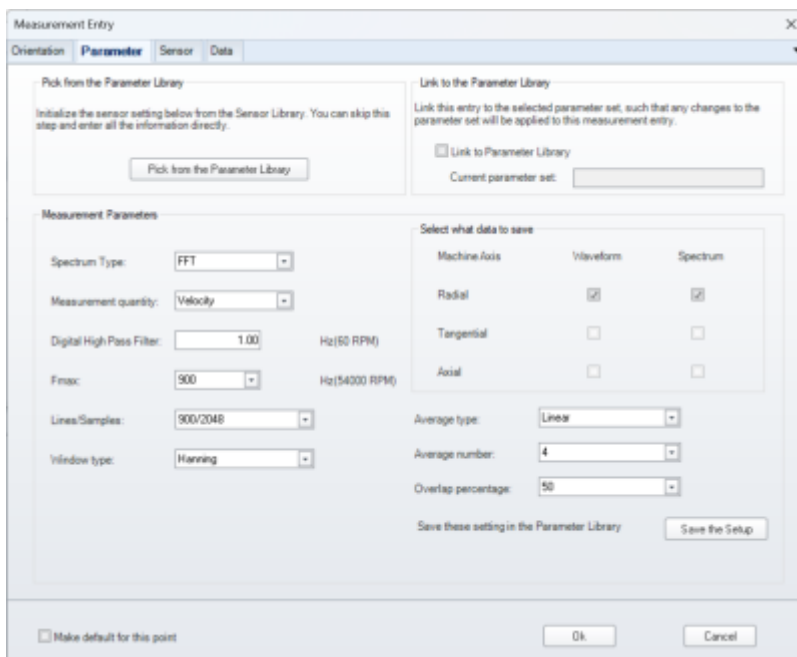


Entry creation starts with an orientation selection. Orientation options are available for single and triaxial sensors

Enable alarm & Enable Tacho options are found on the orientation screen as well. Enabling these options will make a new tab appear on the screen to input settings for selected feature.

To make this orientation default enable the “Make default for this point” option in the bottom left of the screen

Parameter



Parameter settings can be saved and selected from parameter library for quick entry creation.

Parameter settings include spectrum type measurement quantity filtering averaging and block settings. **For auto-diagnostic features to function the measurement quantity must be set to**

Velocity This is not the sensor output measurement.

Alarm

Measurement Entry

OrientationParameterAlarmSensorData

Pick from the Alarm Library

Pick an Alarm set up to fill in the values below. You will be able to modify the values.

Pick from the Alarm Library

Link to the Alarm Library

Link this entry to the selected Alarm set, such that any changes to the alarm set will be applied to this measurement entry.

☐ Link to Parameter Library

Current alarm set:

Alarm Setup

Signal Level

Unit: m/s

+

 RMS

-

Coast Factor

	Warn	Alarm	Danger
Radial			
Axial			
Tangential			

	Warn	Alarm	Danger
Radial			
Axial			
Tangential			

Save these setting in the Alarm Library

Save the Setup

☐ Make default for this point

Ok

Cancel

Sensor

Measurement Entry

OrientationParameterSensorData

Sensors listed here conform to these rules:

If you are preparing a tri-axis measurement, only tri-axis sensors are feasible, otherwise, both single axis and tri-axis sensors are feasible.

If you are measuring acceleration, only sensors of acceleration type are feasible.

If you are measuring velocity, sensors of both acceleration type and velocity type are feasible.

If you are measuring displacement, sensors of acceleration, velocity as well as displacement types are feasible.

Pick from the Sensor Library

Initialize the sensor setting below from the Sensor Library. You can skip this step and enter all the information directly.

Pick from the Sensor Library

Link to the Sensor Library

Link this entry to the selected Sensor set, such that any changes to the sensor set will be applied to this measurement entry.

☐ Link to Sensor Library

Current sensor set:

Sensor Setup

Sensor type: Acceleration

Calibration Unit: mV

+

 per g

-

Sensitivity

Input mode

High pass filter[0.1,100]

Channel

X - Axis: 100.00 mV/g

IEPE

1.00 Hz

CH1

Save these setting in the Sensor Library

Save the Setup

☐ Make default for this point

Ok

Cancel

Data

Measurement Entry

OrientationParameterSensorData

Entry Information

Specify a name for this entry:

Demo Entry Low Order

Default

Description:

☐ Make default for this point

Ok

Cancel

From:

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

Permanent link:

<https://help.go-ci.com/vds:entries?rev=1782240669>

Last update:

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