Dashlets

Info360 Dashlets are customizable visual tiles that can display network information in a range of formats. For a set of Dashlet examples in various styles, refer to the Dashlets overview.

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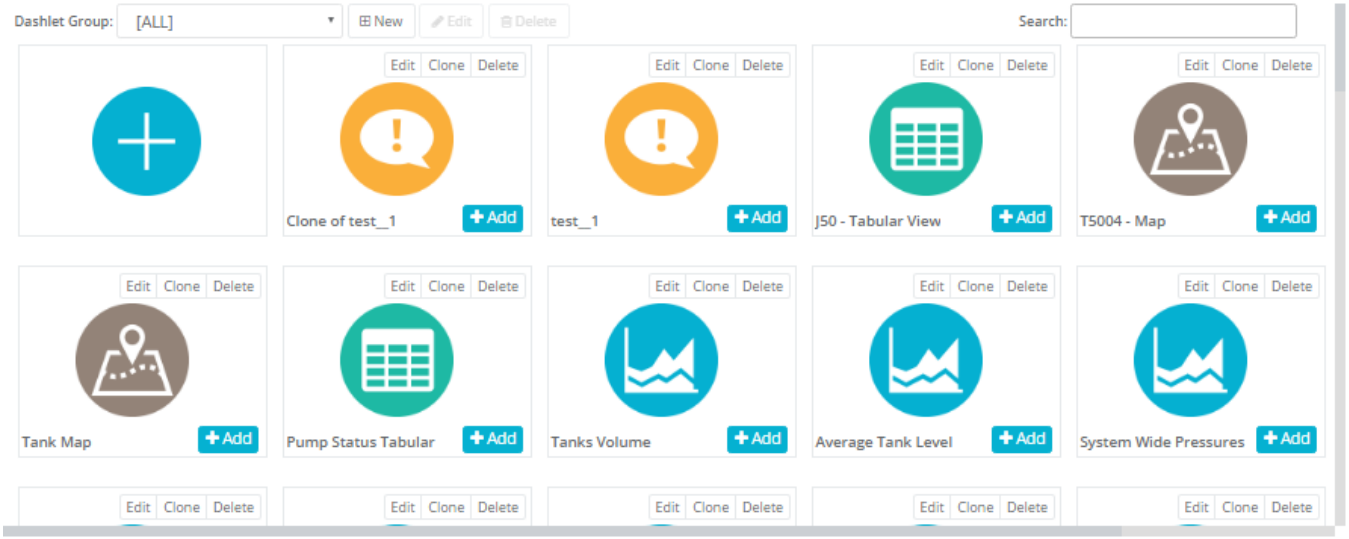
Access

The Dashlet tab of the Command Center contains a table of all saved Dashlets. It serves as a hub from where any Dashlet can be edited/deleted and new Dashlets can be created.

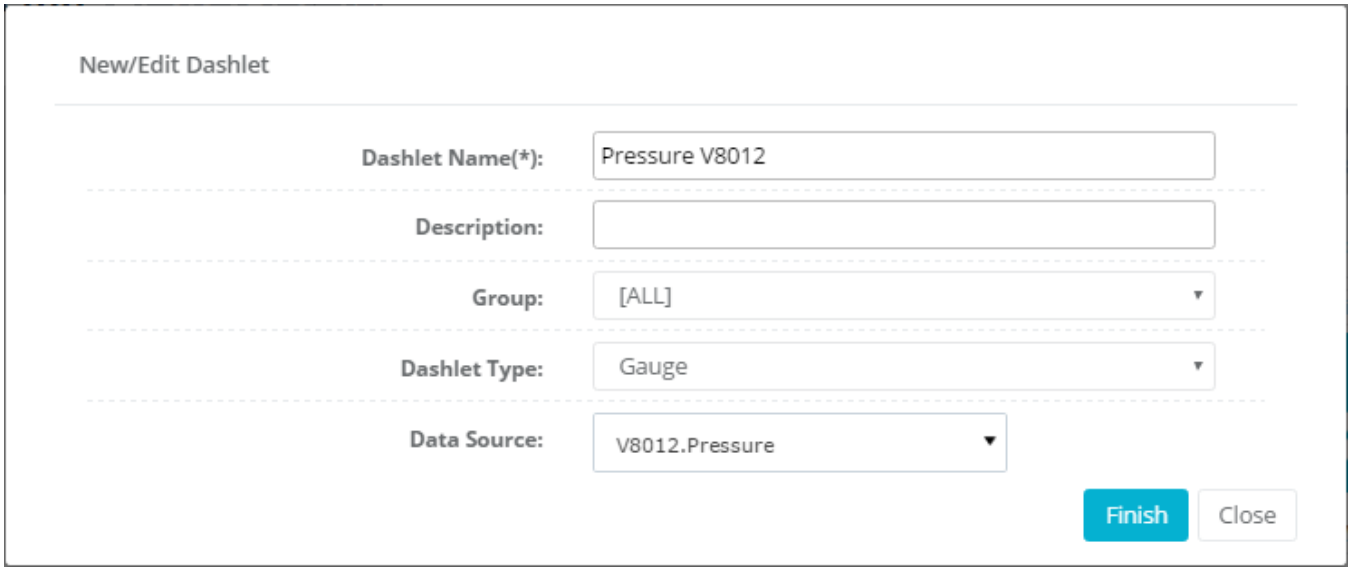


Feature	Description
Filter by Group	Dashlets can be saved in groups for easier organization (e.g. save all tank-related dashlets together in a group). Selecting a group will display only dashlets within that group.
Search	Begin typing in the Search box to automatically filter Dashlets with names that contain entered text.
Create New Dashlet	Click the + tile to create a new Dashlet from scratch.
Edit Dashlets	Use the Edit Clone Delete buttons to modify existing Dashlets.
Add Dashlet to Workspace	Click the + Add button on any Dashlet to add it to the current Workspace.

Dashlet specific icons	- Downloads the data associated with the dashlet in .XLS format. - Refreshes the data associated with the dashlet. - Opens up the **Edit Dashlet** window to view/modify its properties. - Opens the dashlet window in full screen mode. - Closes the dashlet window.

Design

Whenever a new Dashlet is created or an existing Dashlet is edited, the New/Edit Dashlet window will pop up which controls all of the saved settings for Dashlets.



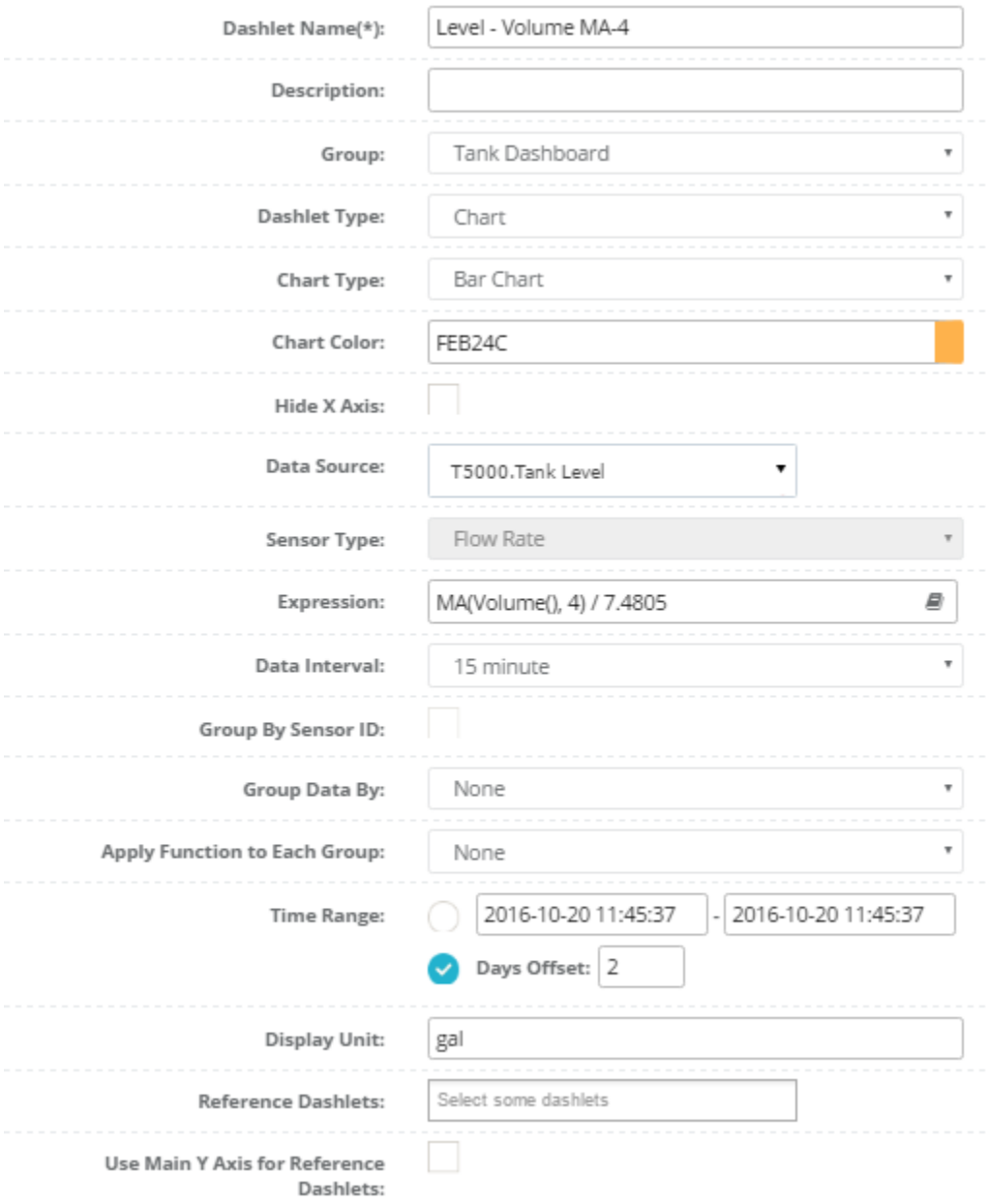
Field	Description
Dashlet Name (*)	Text field that sets the name of the Dashlet as it appears in the Navigation window. The name is also displayed as a title within the Dashlet.
Description	Optional field to add description text to appear after the Dashlet Name.
Group	Optional drop-down menu to assign the Dashlet to an existing Dashlet Group.
Dashlet Type	Drop-down menu to select the type of Dashlet. Examples can be found for each type on the Dashlets overview page.
Data Source	Drop-down menu to select a sensor or group of sensors to be the source of data for the Dashlet. Note: By default, Info360 shows the first 1000 sensor listing. To show search results beyond the first 1000, enter a keyword and then click the search icon (indicated by the red search icon).
Type-Specific Fields	The remaining window fields dynamically adjust depending on the Dashlet Type selected. Please expand the desired Dashlet Type option below for information specific to each window format.

Dashlet Types

The following Dashlet types are available:

Chart

Displays a timeseries of the selected sensor or group of sensors.

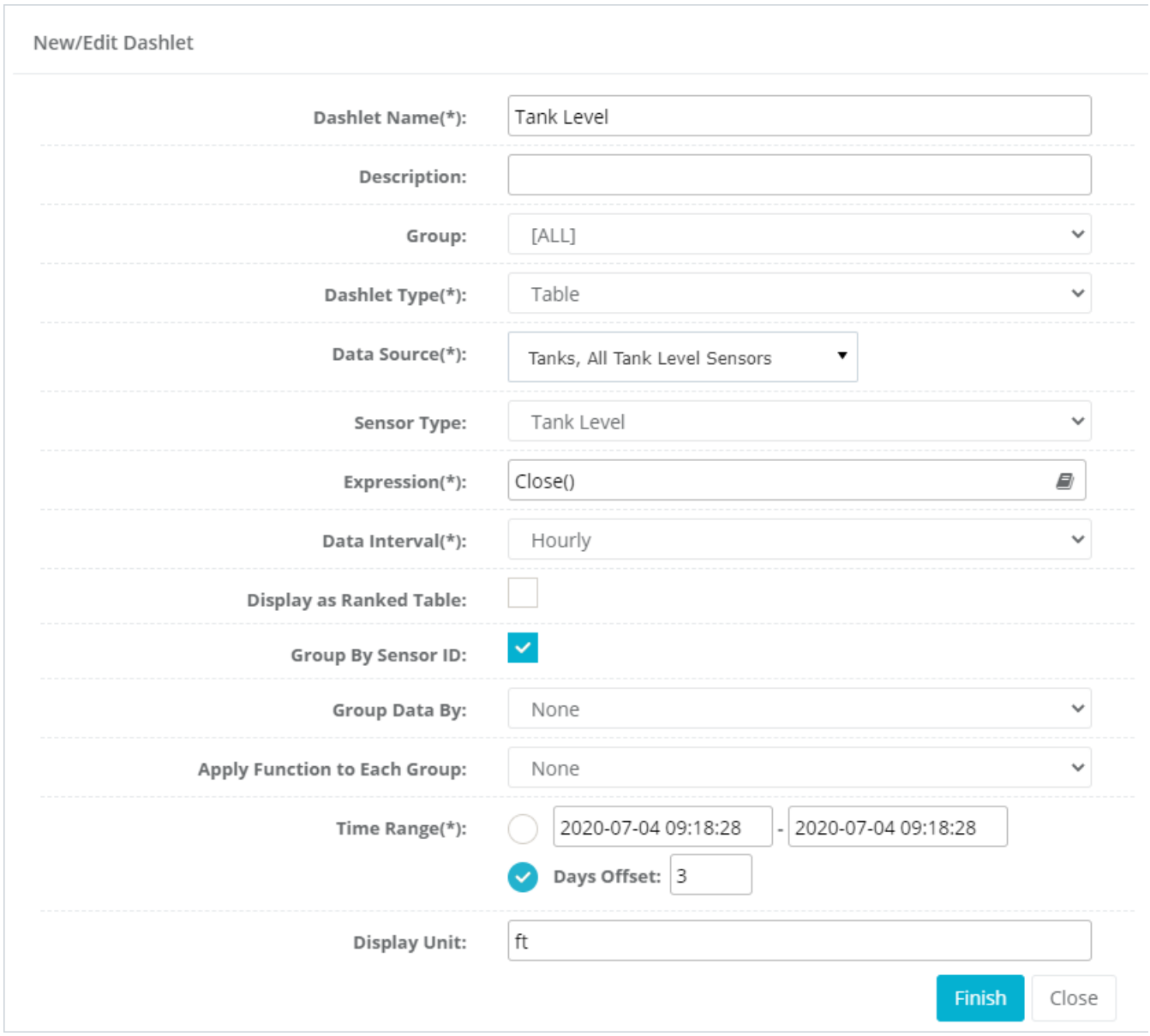


Field	Description
Chart Type	Drop-down menu to select the chart as a Line, Bar, Area, Pie, or Doughnut style.
Chart Color	Click in the field to open the Color Selection tool. This color is applied to the primary data series.
Hide X Axis	When checked, X axis labels will be hidden.
Sensor Type	Optional drop-down menu to filter a certain type of sensor for plotting. This field is only used if the Data Source is a group of sensors.
Expression	Enables the user to apply any function in Info360 to the sensor data. Clicking the icon will access the Analytical Functions window.
Data Interval	Drop-down menu to specify the data interval used.
Group By Sensor ID	Option to group data by sensor ID. This is only available if the Data Source is a group of sensors.
Group Data By	Drop-down menu to specify a time interval grouping used to process and plot data. Grouping can be omitted by selecting None.

Apply Function to Each Group	Drop-down menu to apply a pre-set function to the data in each group (sensors or time-grouping). If the Group Data By field is populated, the function will be applied to the time grouping. Otherwise if the Group By Sensor ID box is checked, then the function will be applied to all data from each sensor (e.g. the max value from each sensor).
Time Range	The time range for the chart can be specified using one of the two options: • Date Range – Sets fixed start and end times for the plotted series. • Days Offset – Sets the time range to automatically plot the most recent data with the Days Offset field specifying the number of days before the current time to begin plotting.
Display Unit	This unit will be displayed in the y-axis label for bar or line charts if a function is applied.
Reference Dashlets	Opens a drop-down menu of compatible Dashlets to be plotted on top of the primary Dashlet.
Use Main Y Axis for Reference Dashlets	When checked, any Reference Dashlets will be plotted using the same Y axis as the primary Dashlet. Otherwise, a new Y axis will be added to the right side for each Reference Dashlet.

Table

Displays a table of the specified sensor's timeseries data.

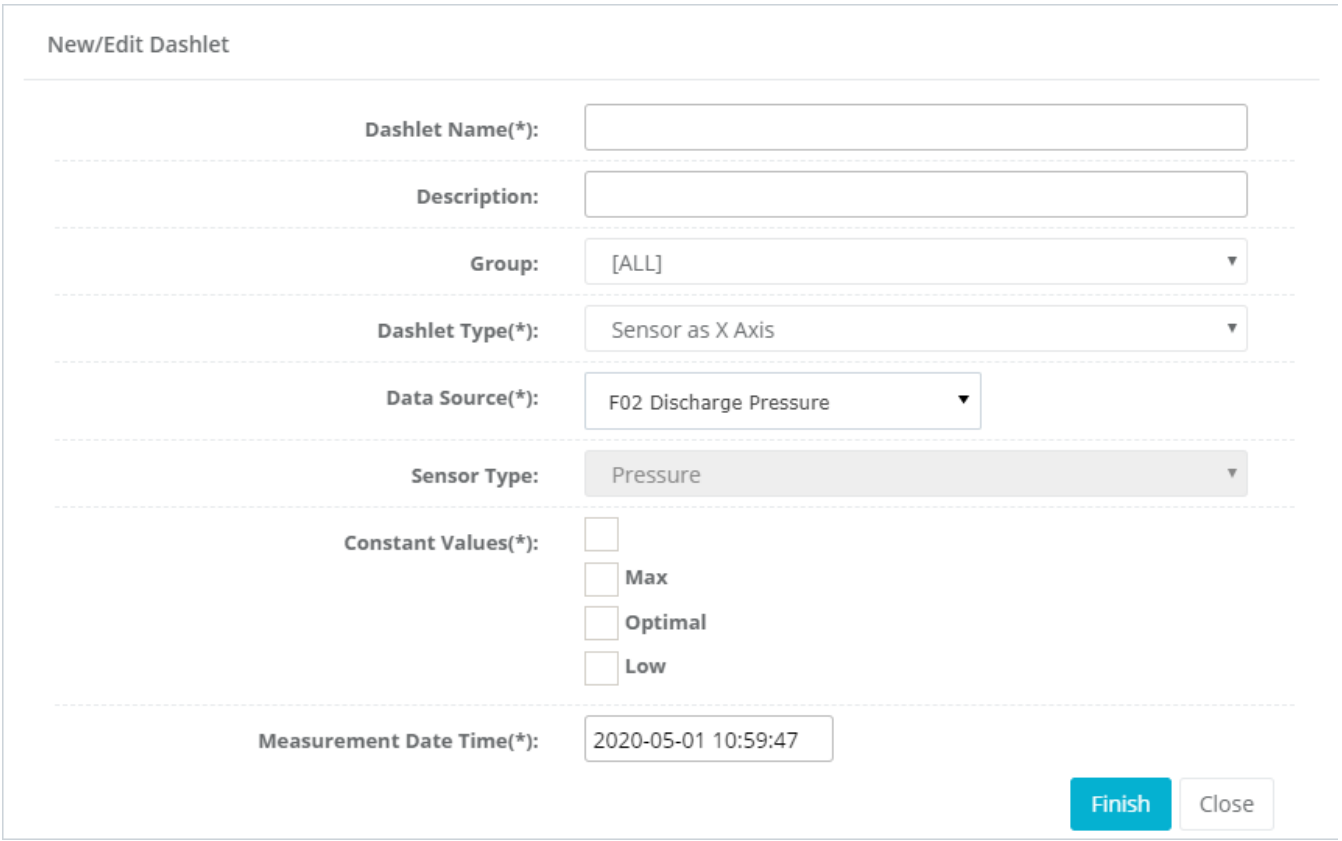


Field	Description

Sensor Type	Optional drop-down menu to filter a certain type of sensor for plotting. This field is only used if the Data Source is a group of sensors.
Expression	Enables the user to apply any function in Info360 to the sensor data. Clicking the icon will access the Analytical Functions window.
Data Interval	Drop-down menu to specify the data interval used.
Display as Ranked Table	Option that allows you to select a sensor type and then view the last reported value for the sensors in a ranking table, which you may then sort in an ascending or descending order. You also have the option to view the historical chart of the reported value.
Append Statistic Panel	Option to display a statistical panel on the top of the ranked table to summarize the minimum and maximum values, the total number of sensors in the table, and the average value. This field is only available when the **Display as Ranked Table** checkbox is selected.
Group By Sensor ID	Option to group data by sensor ID. This is only available if the Data Source is a group of sensors. A column of values will be assigned to each sensor. However if a group function is applied and no time group is set, then each sensor will occupy a row with one column of results reflecting the function value of the sensor data over the time range.
Group Data By	Drop-down menu to specify a time interval grouping for the row entries. Grouping can be omitted by selecting None.
Apply Function to Each Group	Drop-down menu to apply a pre-set function to the data in each group (sensors or time-grouping). If the Group Data By field is populated, the function will be applied to the time grouping. Otherwise if the Group By Sensor ID box is checked, then the function will be applied to all data from each sensor (e.g. the max value from each sensor).
Time Range	The time range for the chart can be specified using one of the two options: • Date Range – Sets fixed start and end times for the plotted series. • Days Offset – Sets the time range to automatically plot the most recent data with the Days Offset field specifying the number of days before the current time to begin plotting.
Display Unit	This unit will be displayed in the y-axis label for bar or line charts if a function is applied.

Sensor as X Axis

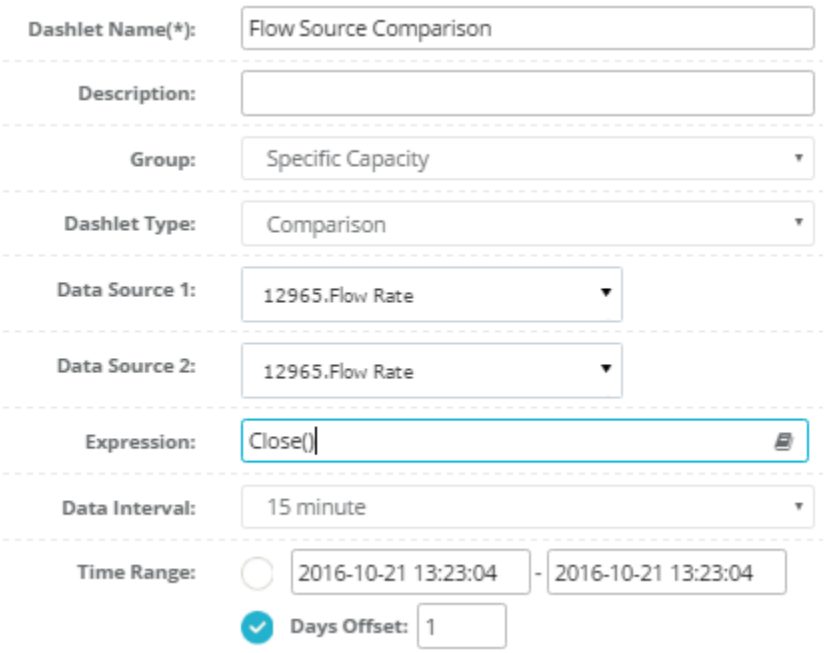
Displays data using bar charts in which the x-axis represents multiple sensor, the y-axis represents measured and static values.



Field	Description
Sensor Type	Optional drop-down menu to filter a certain type of sensor for plotting. This field is only used if the Data Source is a group of sensors.
Constant Values	Custom Fields defined in Sensor Data.
Measurement Date Time	Date and time that will be used in the bar chart.

Comparison

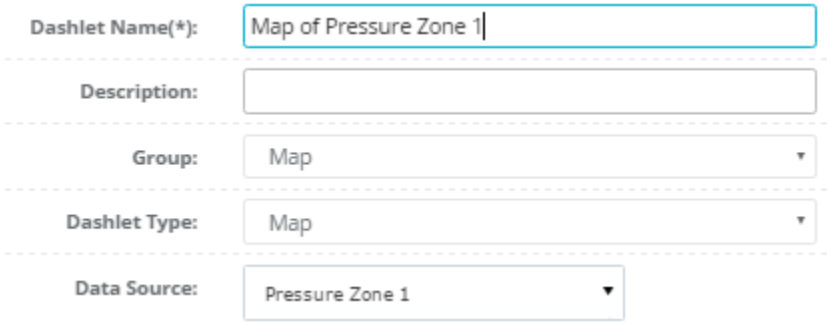
Displays a window with readings of the two compared sensors.



Field	Description
Data Source 1 & 2	Drop-down menus to select two single sensors for comparison.
Expression	Enables the user to apply any function in Info360 to the sensor data. Clicking the icon will access the Analytical Functions window.
Data Interval	Drop-down menu to specify the data interval used.
Time Range	The time range for the chart can be specified using one of the two options: • Date Range – Sets fixed start and end times for the plotted series. • Days Offset – Sets the time range to automatically plot the most recent data with the Days Offset field specifying the number of days before the current time to begin plotting.

Map

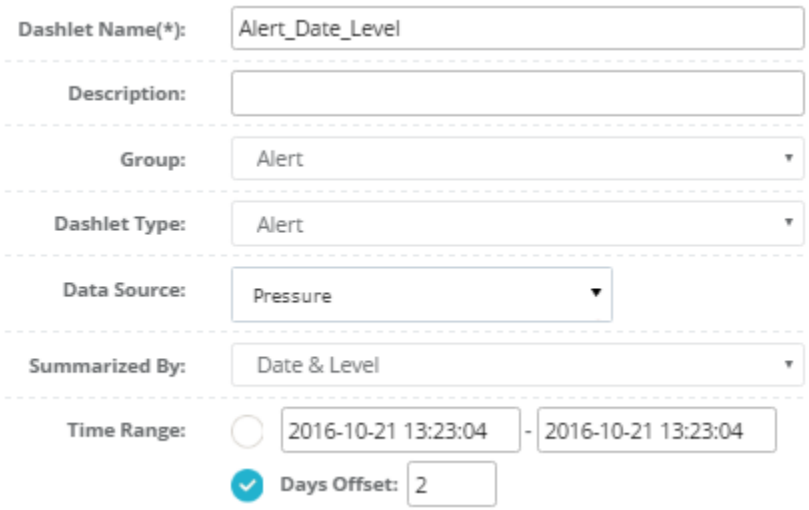
Displays an adjustable Google map with indicators at the selected sensors.



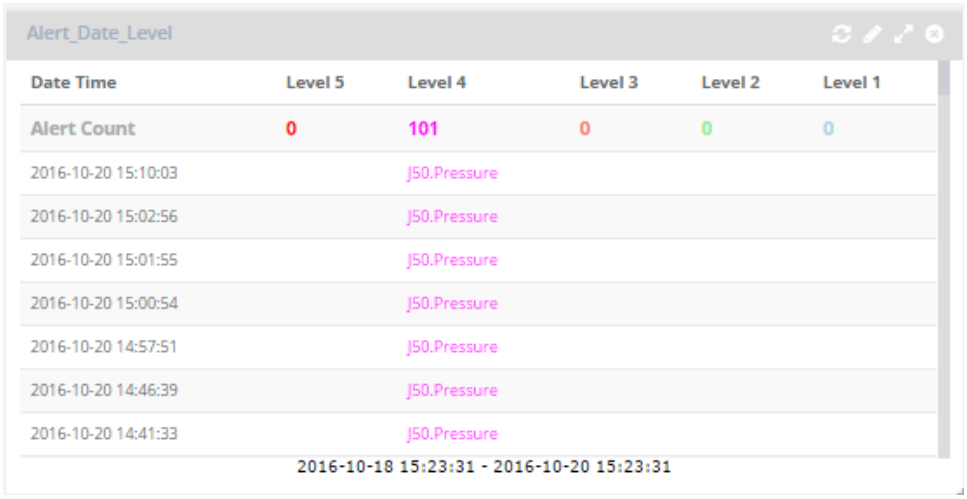
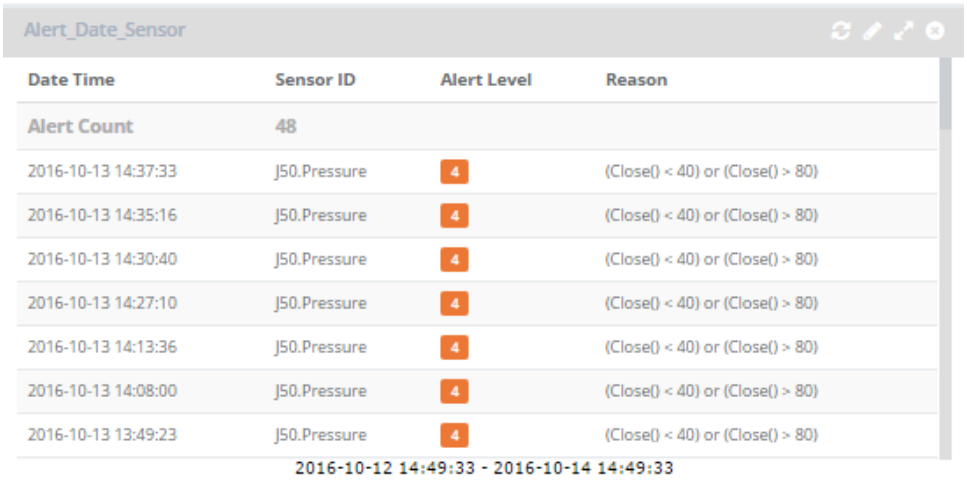
See above content regarding the common fields found in the Map Dashlet setup.

Alert

Displays a table of Alerts that can be organized to sort either by Sensor or by Alert Category.

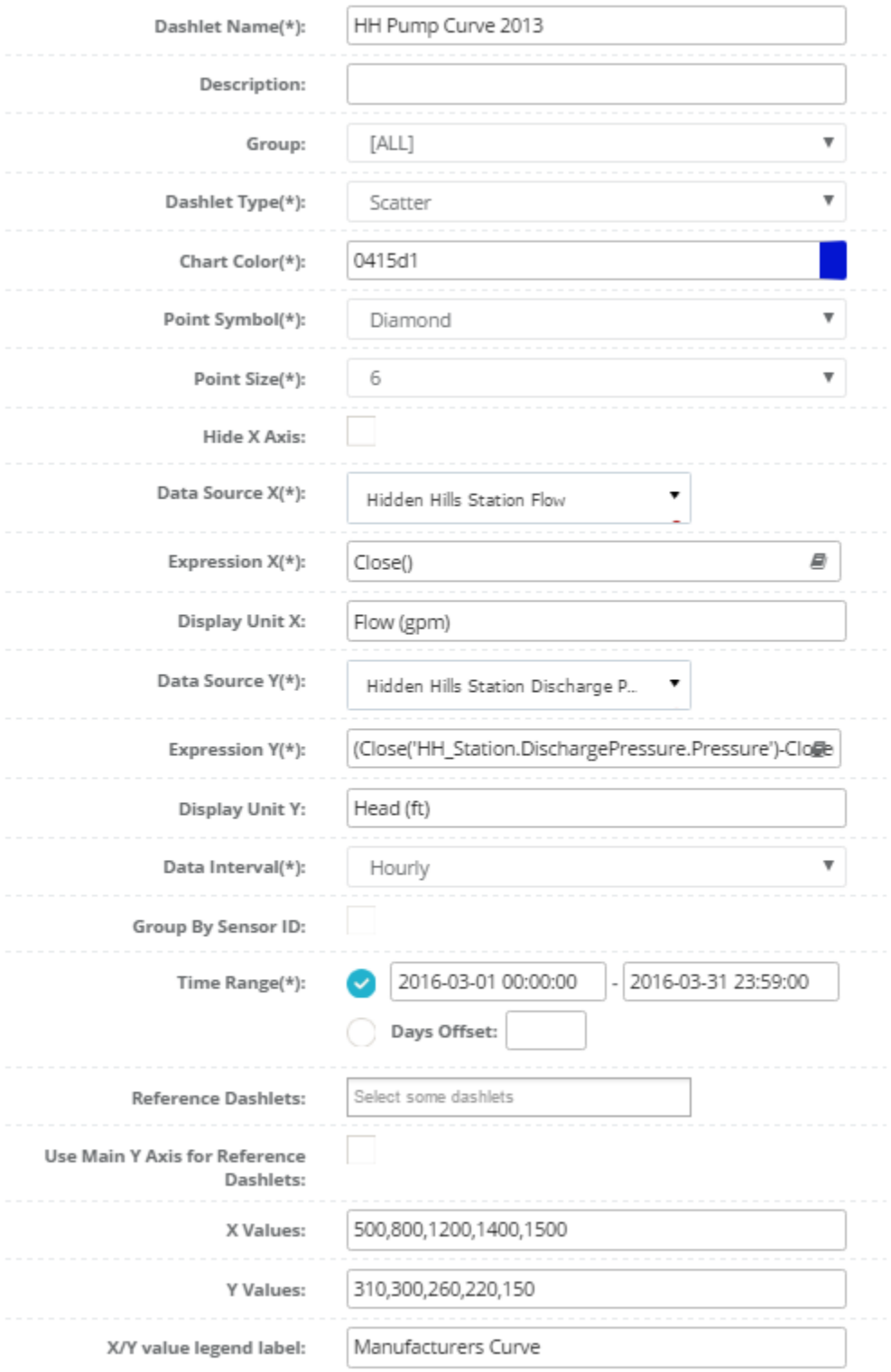


Field	Description

Summarized By	The Alert Dashlet can be produced in two table formats depending on this field: Date & Level  Date & Sensor 
Time Range	Alerts will be shown for the specified Time Range. • Date Range – Sets fixed start and end times for the plotted series. • Days Offset – Sets the time range to automatically plot the most recent data with the Days Offset field specifying the number of days before the current time to begin plotting.

Scatter

Displays a scatter plot for comparing two sensors as x and y coordinates.

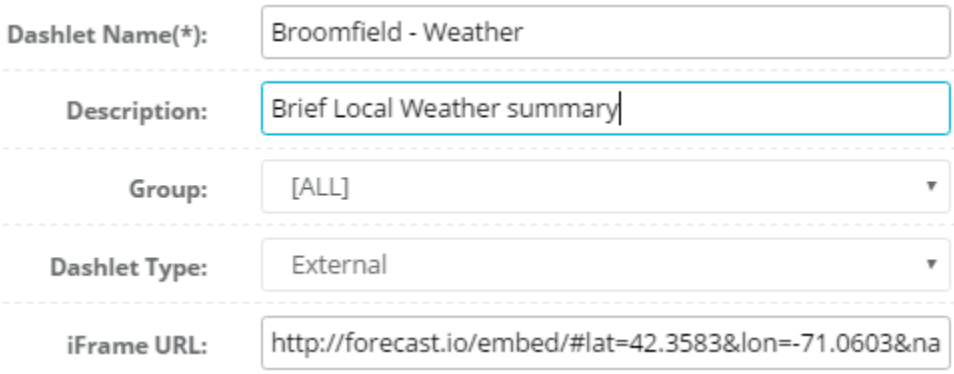


Field	Description
Chart Color	Click in the field to open the Color Selection Tool. This color is applied to the primary data series.
Point Symbol	Drop-down menu to select symbol used as scatter points: square, circle, diamond, or cross
Point Size	Drop-down menu to select the size of the symbol points.
Hide X Axis	When checked, X axis labels will be hidden.
Data Source X & Y	Select the specific sensor to use for the X and Y data sources.

Expression X & Y	Enables the user to apply any function in Info360 to the sensor data. Clicking the icon will access the Analytical Functions window.
Display Unit X & Y	Optional - manually specify the units to be displayed on each axis.
Data Interval	Drop-down menu to specify the data interval used.
Time Range	The time range for the chart can be specified using one of the two options: • Date Range – Sets fixed start and end times for the plotted series. • Days Offset – Sets the time range to automatically plot the most recent data with the Days Offset field specifying the number of days before the current time to begin plotting.
Reference Dashlets	Opens a drop-down menu of compatible Dashlets to be plotted on top of the primary Dashlet.
Use Main Y Axis for Reference Dashlets	When checked, any Reference Dashlets will be plotted using the same Y axis as the primary Dashlet. Otherwise, a new Y axis will be added to the right side for each Reference Dashlet.
X and Y Values	Info360 can plot fixed X and Y data from text format as an additional reference curve. This can be useful for showing how the operating points compare to the manufacturers pump curve. Enter each of the X and Y values for reference data separated by a comma, and multiple series by semicolon.
X/Y value legend label	Enter the text used to identify the reference curve in the legend. Use a semicolon to separate multiple series.

External

Displays content from an external site. This can include a variety of applications from weather feeds or videos.



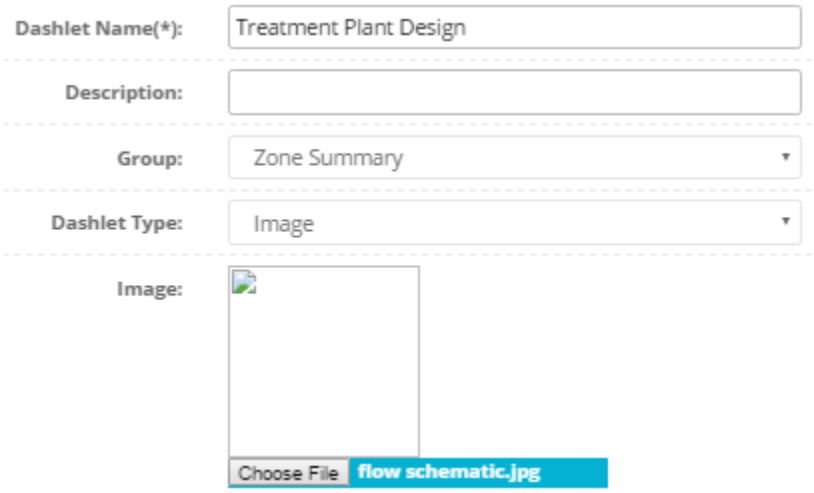
Enter the iFrame URL of the content you would like to display.

Examples	Description
Weather Feed	**Simple Example:** http://forecast.io/embed/#lat=42.3583&lon=-71.0603&name=Downtown Boston&color=#00aaff&font=Georgia&units=uk **Example with javascript:** data:text/html;charset=utf-8, <script type="text/javascript" src="http://oap.accuweather.com/launch.js"></script> Note: Bold font, including comma, is REQUIRED when there is no clear URL and/or javascript is needed.

Youtube Video	One can get shareable links of any Youtube video by clicking the Share feature. **Example:** https://www.youtube.com/embed/pnWUjtYQ6_I

Image

Displays an image file. This can be used to display schematics, as-built drawings, etc.



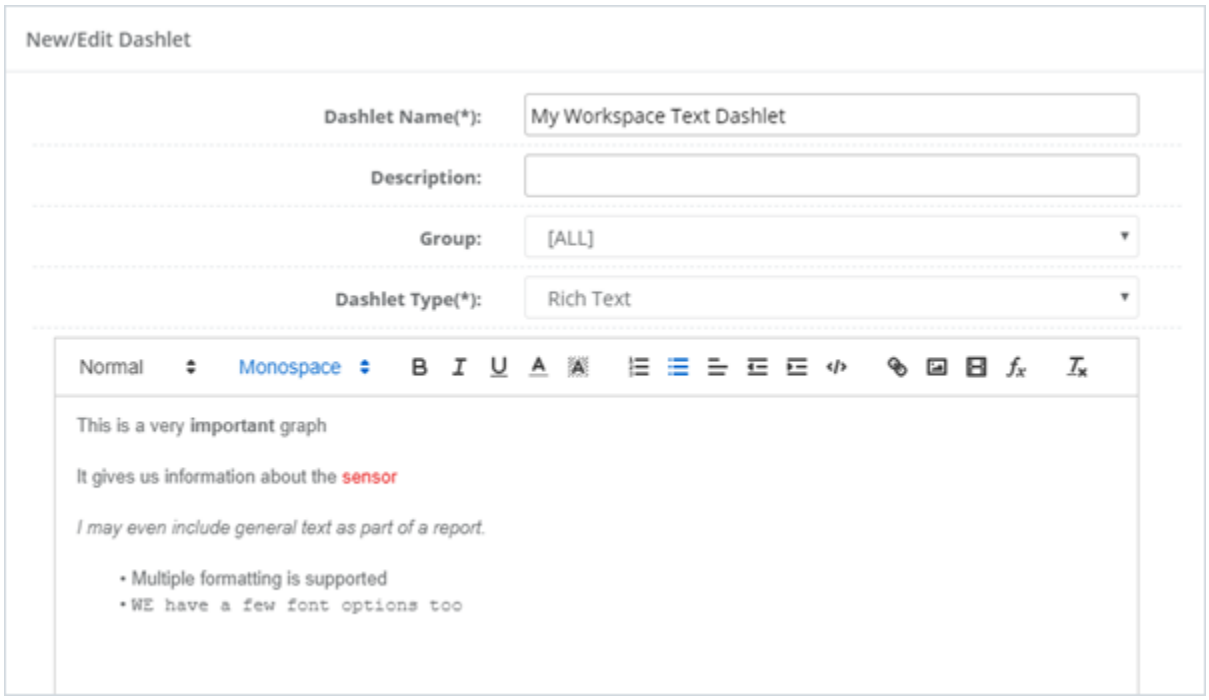
Selecting the Choose File button will open a Windows browser to locate an image file.

> **Available Image Types:**
>
> .JPG .PNG .TIF .BMP .GIF

Rich Text

Allows you to add free-form texts to a workspace. This could be a caption to a chart or Biz Block, or static texts describing the workspace.

> You can hover to the various icons in the toolbar for their corresponding tooptips.



Field	Description
Dashlet Name (*)	Text field that sets the name of the Dashlet as it appears in the Navigation window. The name is also displayed as a title within the Dashlet.
Description	Optional field to add description text to appear after the Dashlet Name.
Group	Optional drop-down menu to assign the Dashlet to an existing Dashlet Group.
Dashlet Type	Drop-down menu to select the type of Dashlet. Examples can be found for each type on the Dashlets overview page