

Reports and Data Access

Factory Studio has the capability to generate reports on the fly, even on client displays or saving into files, like XPS, HTML, Unicode, ASCII, PDF.

The reports can have multiple graphical components like tables, tags, grids, trends, and others. All these components have the capability to update the data once the report is generated, allowing users to always have the most recent data on their reports.

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Creating Reports

This section lets you configure and save the basic properties for a report. Standard content can be added with the report editor. Application users can then run reports.

To create or edit a report:

1. Go to Edit > Reports > Reports.
2. Select a report name, or select the insert row (first row) to create a new report.
3. Enter or select information, as needed.

Column	Description
Name	Enter a name for the report. The system lets you know if the name is not valid.
Padding	Select padding to use when replacing a tag name with its value (field starts with space for the same number of characters as the tag name): <ul style="list-style-type: none">• Compact—Removes any extra characters and displays only they tag value.• PadRight—Puts extra space for each character to the right of the tag value.• PadLeft—Puts extra space for each character to the left of the tag value.
SaveFormat	Select the report format: <ul style="list-style-type: none">• XPS• HTML• Unicode• ASCII• PDF
SaveFileName	Enter a string, along with {ObjectProperties}. Use the full path.
SaveTrigger	Enter with an object property to be the trigger.
Append	Enter the file to append the report
Size	Report size configuration.
EditSecurity	Check the user groups that can edit the report
Header	Choose another report to be the Header.
Footer	Choose another report to be the Footer.
Legacy	Read-only. Show if the report is a legacy.
Description	Enter a description of this report.
[Other columns]	For definitions of other columns that are available in this table, see "Common Column Definitions" .



To change the report format between "portrait" and "landscape", you need to change it in both NovaPDF (printer used by FactoryStudio) and the target printer.

Using the Report Editor

You create the text, formatting, and values for the report using the text editor.

To use the text editor:

- Go to **Edit > Reports > TextEditor**.
- Create the text, tags, and formatting for the report.
- Click **Save**.
- Configure the report properties for the display dynamics or script that will run the report.

Report Runtime Objects

The namespace **Report** lists all configured reports.

The most commonly used method of the report is the Save Command:

```
Report.Report1.SaveCommand()
```

See "[Namespaces](#)" for the complete programming reference on runtime objects.