

What are the different Master Report Templates and how should they be used?

- When a new report template is created, WinSPC will prompt the you to select from one of eight master templates:
Selecting a master template gives you the option to populate a new report template with some common elements and components to make developing a new report template easy. The master template selected is only used to get the report template started, as once the report template has been created, you have complete control over all the elements and components in the report template, including the ones generated by the master template.
Here is a short description and common uses of each master template:
Blank Portrait: This is a completely blank report template (i.e., no elements or components are present), in a portrait orientation. This master template would be used if you are comfortable adding all the elements and components necessary to make the report template function as desired.
- Banded Portrait: This master template includes some common elements such as a report header, a column header, a report footer, and a single databand. This type of master template is useful if you want to create a report that produces a row on the report for each item in a list. For example, if you wanted a report that prints out a list of WinSPC variables and their specification limits, you could start with this master template. Once the report is created, you should set the 'DataView' property of the 'ReportDataBand' to the desired DataView and place the desired DataText components on the 'ReportDataBand' to begin development of the report. For each DataText placed, don't forget to set the 'DataView' property, followed by the 'DataField' property to display the desired information from the DataView.
- Master/Detail Portrait: This master template is similar to the 'Banded Portrait', except it includes two databands, with the second databand (the 'DetailDataBand') also having its own header and footer. This type of master template is useful if you want to create a report that shows two sets of related content, with the second set of content filtered based on the first set. For example, if you wanted a report that listed each WinSPC part, and then listed each variable in each of those parts, you could start with this master template. Once the report is created, you should set the 'DataView' properties of both the 'ReportDataBand' and 'DetailDataBand' to the desired DataViews, and place the desired DataText components on the DataBands to begin development of the report. For each DataText placed, don't forget to set the 'DataView' property, followed by the 'DataField' property to display the desired information from the DataView. In addition, you will also need to configure the 'MasterDataView', 'MasterKey', and 'DetailKey' on the 'DetailDataBand' in order for that band to filter its records based on the parent DataBand (i.e., so it will only show the variables contained with a certain part listed in the report).
- Free-Format Portrait: This master template should be used when you want to create a single report page for each item in a list. For example, if you wanted to produce a single page Capability report for each WinSPC variable, you could start with this master template. This master template contains a header section, footer section, and a data section. Once the report is created, you should set the 'DataView' property of the 'DataCycle1' component on the data section in order to produce a single page per record in the selected DataView.

- Blank Landscape: This is the same as the 'Blank Portrait' template, except it is in a landscape orientation.
- Banded Landscape: This is the same as the 'Banded Portrait' template, except it is in a landscape orientation.
- Master/Detail Landscape: This is the same as the 'Master/Detail Portrait' template, except it is in a landscape orientation.
- Free-Format Landscape: This is the same as the 'Free-Format Portrait' template, except it is in a landscape orientation.

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