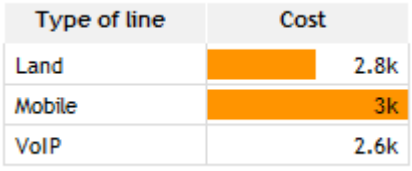
Charts Specific Features

This document presents the specific features available on each chart type.
To add a specific feature, open the **Visualization parameters** dialog box, then the **Specific features** tab. You can select some features directly in the interface (they are written in *italic* in this document). For features which are not directly available, click **Add** then enter the feature name and value.

I. TABLE

I.1 Features list

Feature	Feature value
Allow column resizing	Checked: the user can resize the columns (default value) Unchecked: the user can not resize the columns
Allow sort change	Unchecked: the user can not sort columns (default value) Checked: the user can click the columns headers to sort them.
Freeze dimensions columns	Unchecked: The dimensions columns are not fixed when the table scrolls to the right or to the left (default value) Checked: Freeze the dimensions columns. They stay visible when the table scrolls to the right or to the left.
Color of percent bar	Display a colored bar showing the percent of each measure value. Enter the HTML code of the color :the lowest value is displayed with an empty bar and the highest value with a bar fully filled up :  Look at the properties **backgroundBarMin**, **backgroundBarMax** and **backgroundBarMeasure** for more control.
Allow header word wrap	Unchecked: The headers which are too long are truncated and the header row has a fixed height (default value) Checked: The headers which are too long are wrapped to the word and the header row has a variable height *Note: this property can impact the paging when exporting to PDF or PPT. To fix this, it is advised to modify the value of the property **cellHeaderHeight** as close as possible to the visible height of the header row.*
Show Table edition toolbar	Check the box to allow the user to modify his table in real time: adding columns, total, sorts,... (See documentation « self_service_bi_en.pdf » for more information).
cellWidth	Cells width (in pixels) for the columns which have not been resized yet.
cellHeight	Cell height (in pixels).
cellHeaderHeight	Cell height for the row header (in pixels)

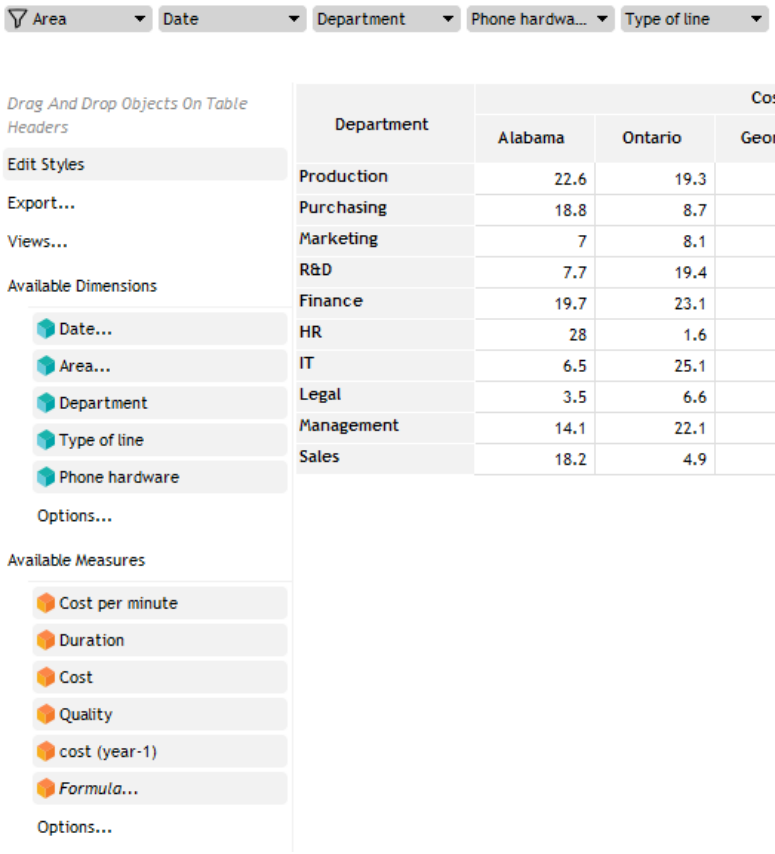
backgroundBarMin, backgroundBarMax	*Only if **Color of percent bar** feature is activated.* If you choose to display a colored bar for your measure values, the scale is automatically computed. Manually modify the minimum value (empty bar) and the maximum value (full bar), using the properties **backgroundBarMin** and **backgroundBarMax**.
backgroundBarMeasure	*Only if **Color of percent bar** feature is activated.* Choose one or more measure columns on which to apply the feature **Color of the percent bar**. If this property is not initialized, then all measures are colorized. *Note: If this property must apply on several measures, you must enter the list of measure identifiers (non-localized) separated by comas. Example: Cost,Gain*
virtual	**true**: scrolling of the table is virtual: only the visible part of the table is displayed. DigDash manages the table scrolling(default value). ***false**: scrolling of the table is not virtual. The table is fully displayed. DigDash does not manage the scrolling.*
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.
comments	**true**: Add a new column for comments at the end of the table (this column is visible only in the dashboard). The user can enter a different comment on each row f the table. **false**: Default value. No column added for comments.
targetColorType	Type of representation of a target in a cell of the table. Applies to all measures with a selected target. **background**: Colorize the background of the cell depending on the target. **text**: Colorize the text of the cell depending on the target.
pageFormat	By default the page format for PDF export is specified in the server settings (page “Settings/Server Settings”, section “Advanced”). If you need to use a different format for the chart, specify it here.

	Example: 29.7x21 for a A4 page in landscape orientation
addDimensionsClass addMeasuresClass	**true**: enrich the generated HTML with new CSS classes specifying the dimension or measure of each cell. These classes can be used to add different styles for different dimension or measures. The class name is of the following format: dim_<dimension ID> or meas_<measure ID> Characters in the list: **<space>.#,*/\\"><:** are replaced with a _ (underscore). Example: The cell of the value for measure “Quality” will have the CSS class “meas_Quality” **false**: Default value. CSS classes on each cells are simple.

II. CROSS TABLE

II.1 Features list

Feature	Feature value
Allow column resizing	Checked: the user can resize the columns (default value) Unchecked: the user can not resize the columns
Enable rows and columns swapping	Check this box to allow rows and columns swapping.
cellWidth	Width of columns axis cells (in pixels).
cellHeight	Height of columns axis cells (in pixels).
cellHeaderWidth	Width of row axis cells (in pixels).
virtual	**true**: scrolling of the table is virtual: only the visible part of the table is displayed. DigDash manages the table scrolling (default value). **false**: scrolling of the table is not virtual. The table is fully displayed. DigDash does not manage the scrolling.
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.
Show Table edition toolbar	Check the box to allow the user to modify his table in real time: adding columns, total, sorts,... (See documentation « self_service_bi_en.pdf » for more information) .
targetColorType	Type of representation of a target in a cell of the table. Applies to all measures with a selected target. **background**: Colorize the background of the cell depending on the target. **text**: Colorize the text of the cell depending on the target.



Department	Cost				
	Alabama	Ontario	Georgia	New Jersey	New Hampshire
Production	22.6	19.3	13.2	10.2	14.5
Purchasing	18.8	8.7	2.2	9.8	9.7
Marketing	7	8.1	11.6	15.9	7.9
R&D	7.7	19.4	11.7	-	14.1
Finance	19.7	23.1	32.6	16.3	1.6
HR	28	1.6	3.8	26.1	16.4
IT	6.5	25.1	17.1	21.6	11.3
Legal	3.5	6.6	11	-	21
Management	14.1	22.1	19.3	11.5	8.3
Sales	18.2	4.9	6.3	12.2	24.1

III. OLAP TABLE

Feature	Feature value
Allow column resizing	Checked: the user can resize the columns (default value) Unchecked: the user can not resize the columns
cellWidth	Width of columns axis cells (in pixels).
cellHeight	Height of columns axis cells (in pixels).
cellHeaderWidth	Width of row axis cells (in pixels).
virtual	**true**: scrolling of the table is virtual: only the visible part of the table is displayed. DigDash manages the table scrolling (default value). **false**: scrolling of the table is not virtual. The table is fully displayed. DigDash does not manage the scrolling.
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.
targetColorType	Type of representation of a target in a cell of the table. Applies to all measures with a selected target. **background**: Colorize the background of the cell depending on the target. **text**: Colorize the text of the cell depending on the target.

IV. TREE TABLE

Feature	Feature value
Reverse rows and lines	Check this box to display dimensions on row axis.
Multi selection	Unchecked: prevent multi selection of dimension values (only one level is expanded at a time). Checked: multi selection of dimension values is possible.
Allow column resizing	Checked: the user can resize the columns (default value) Unchecked: the user can not resize the columns
Allow sort change	Unchecked: The user can not sort columns (default value). Checked: the user can click the columns headers to sort them.
Freeze dimensions columns	Unchecked: The dimensions columns are not fixed when the table scrolls to the right or to the left (default value) Checked: Freeze the dimensions columns. They stay visible when the table scrolls to the right or to the left. *Note: this feature is not supported on Internet Explorer 8 and below. This feature is not supported in non-virtual mode (virtual = false).*
Allow header word wrap	Unchecked: The headers which are too long are truncated and the header row has a fixed height (default value) Checked: The headers which are too long are wrapped to the word and the header row has a variable height *Note: this property can impact the paging when exporting to PDF or PPT. To fix this, it is advised to set the value of the property **cellHeaderHeight** as close as possible to the visible height of the header row.*
Number of expandable levels	Number of levels which can be expanded/folded. The other levels are displayed as a flat table. Default value: 0 (all levels are expandable). Example (value = 2), 5 dimensions in the tree table: Date/year, Date/quarter, Date/month, Department and Type of line. The first 2 dimensions are expandable, the other 3 dimensions are displayed as a flat table:

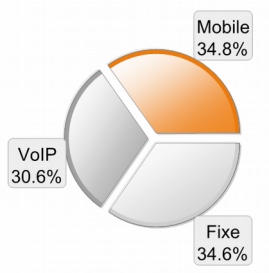
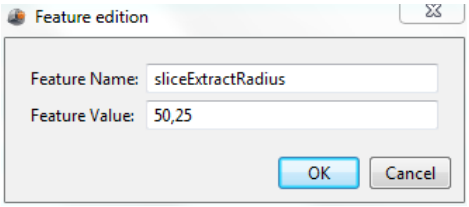
Date	Département	Type de ligne	Coût	Durée
⊟ 2009			4 718.75€	44 800s
⊞ T1 2009			1 138.40€	10 825s
⊟ T2 2009			1 269.85€	12 030s
avr. 2009	Management	Mobile	18.05€	160s
avr. 2009	IT	Land	6.05€	55s
avr. 2009	IT	VoIP	12.45€	135s
avr. 2009	Purchasing	Land	12.00€	115s
avr. 2009	R&D	Mobile	10.30€	100s
avr. 2009	IT	Mobile	12.10€	120s
avr. 2009	Marketing	VoIP	27.65€	245s

cellWidth	Width of columns axis cells (in pixels).
cellHeight	Height of columns axis cells (in pixels).
cellHeaderWidth	Width of row axis cells (in pixels).
cellHeaderHeight	Height of the cells for the header row (in pixels)
virtual	**true**: scrolling of the table is virtual: only the visible part of the table is displayed. DigDash manages the table scrolling (default value). **false**: scrolling of the table is not virtual. The table is fully displayed. DigDash doesn't manage the scrolling.
expandLevels	**N** (>0): the number of tree levels to expand on first display. **0** (default): no level expanded on first display. **-1**: expand all levels on first display.
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.
targetColorType	Type of representation of a target in a cell of the table. Applies to all measures with a selected target. **background**: Colorize the background of the cell depending on the target. **text**: Colorize the text of the cell depending on the target.
indentStr	String used to indent each level. Default value: 4 non-breakable spaces.
indentSpace	Number of space characters used per indentation level. Default value: 4. This feature is ignored when **indentStr** is used.
showTreeIcons	**true** : Default value. Icons + and – are displayed to expand or fold each level. **false** : Icons + and – are not displayed.

V. TEXT CLOUD

Feature	Feature value
Change font size	By default, words are displayed in font size from 7 to 25.You can change this by entering other values in the **Minimum font size** and **Maximum font** size fields.
Display scale	Unchecked: scale is hidden. Checked: scale is visible.
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.

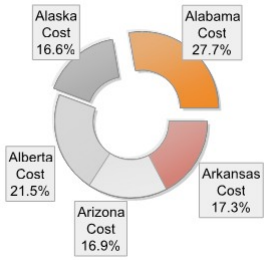
VI. PIE

Feature	Feature value
explodeRadius	Global radius shift (in pixels, default value is 0). Example: ExplodeRadius=10 
sliceExtractRadius	Per slice radius shift (in pixels). Slices shifts are separated by comas. Example: sliceExtractRadius = 50,25:  The radius of the first slice will be shifted by 50 pixels and the radius of the second slice by 25 pixels: 
alignFirstSlice	**0**: no rotation of the pie chart (default value). **1**: Rotate pie chart so that the first slice is centered on right. **2**: Rotate pie chart so that the first slice is centered on top. **3**: Rotate pie chart so that the first slice is centered on left. **4**: Rotate pie chart so that the first slice is centered on Bottom.
allowShine	**true**: allow shiny elements. **false**: doesn't display shiny elements (default value).
allowShade	**true**: display shade on the chart (default value). **false**: no shade on the chart.

maxPerLine	*Only when multiplier axis is used.* Number of charts displayed on each line when a dimension is placed on the multiplier axis (in that case, a chart is displayed for each dimension value).
extLblWidth	Width of the chart labels.
extLblHeight	Height of the chart labels.
labelPos	Define position of labels: **1**: labels position is defined automatically **2**: the label is set outside the chart **3**: the label is set inside the chart
spcWidth/ spcHeight	Space in pixels around pie chart allocated for labels (spcWidth is used for space width and spcHeight for space height).
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.

VII. RADAR

Feature	Feature value
Type of markers	By default, each measure value is marked with a circle. You can change the marker type by selecting one of the following markers in the drop-down list: triangle, square, star, no marker.
zone	**true**: radar zones are filled up with a color. **false**: radar zones are not filled up with color (default value).
maxPerLine	*Only when multiplier axis is used.* Number of charts displayed on each line when a dimension is placed on the multiplier axis (in that case, a chart is displayed for each dimension value).
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.



VIII. RING

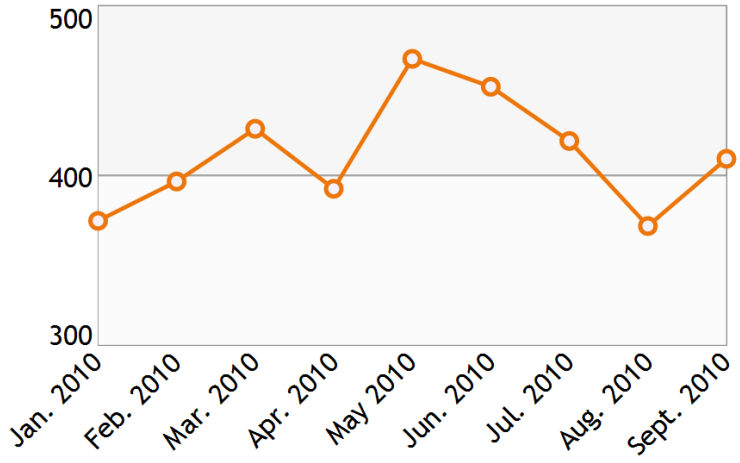
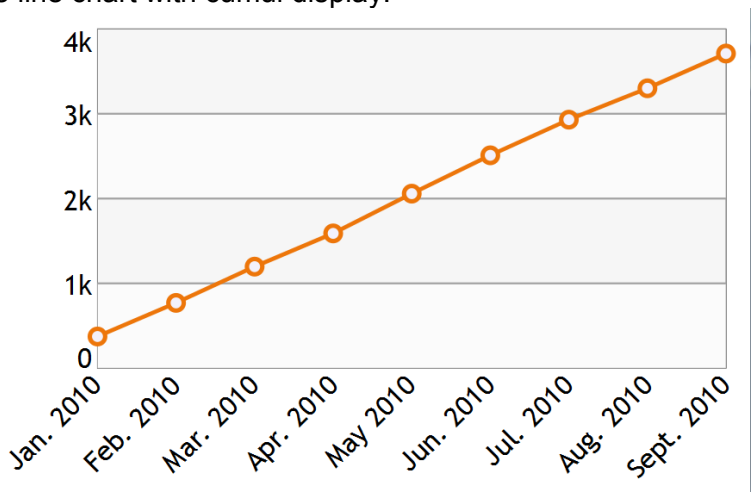
IX. BUBBLES

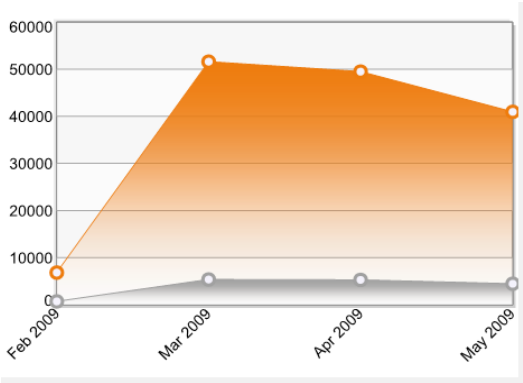
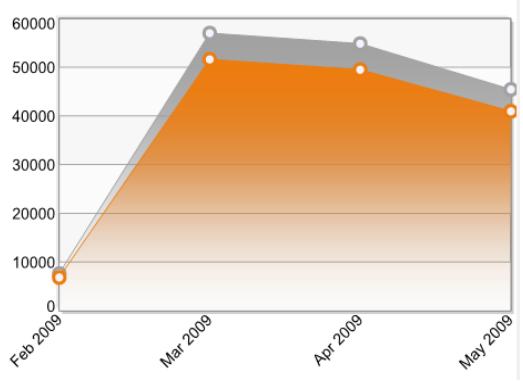
Feature	Feature value
Maximum size, Minimum size	**Minimum size** and **Maximum size** of the bubbles (in pixels).
forceGradY	Number of graduations you want to display for the Y axis.
forceGradX	Number of graduations you want to display for the X axis.
maxPerLine	*Only when multiplier axis is used.* Number of charts displayed on each line when a dimension is placed on the multiplier axis (in that case, a chart is displayed for each dimension value).
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.

X. SCATTER

Feature	Feature value
Point size	Point size (in pixels).
forceGradY	Number of graduations you want to display for the Y axis.
forceGradX	Number of graduations you want to display for the X axis.
maxPerLine	*Only when multiplier axis is used.* Number of charts displayed on each line when a dimension is placed on the multiplier axis (in that case, a chart is displayed for each dimension value).
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.

XI. LINES, ZONES

Feature	Feature value
Display cumul	Check **Display cumul** to display cumul of the measures values. Example: Line chart without cumul display:  Same line chart with cumul display: 
Gradient fill	*Only for zone charts.* By default, the zones are displayed in a color gradient. Clear the check box, if you want to fill up all zones with the same color.
Maximum label percent space	Size of the labels (in percent). Example: if you want the space occupied by labels to represent maximum 10% of your chart, enter the value 10.
Type of markers	By default, each measure value is marked with a circle. You can change the marker type by selecting one of the following markers in the drop-down list: triangle, square, star, no marker or circle.
forceConnect	**true**: force the connection between each point of the chart (even if some points are null). **false**: doesn't force the connection between all chart points. The line can be discontinued (default value).

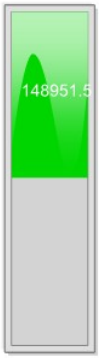
markSize	Marker size (in pixels).
forceGradY	Number of graduations you want to display for the Y axis on the left.
forceGradY2	Number of graduations you want to display for the Y axis on the right (you can use 2 different scales on lines and zones charts: one on the left, the other on the right).
maxPerLine	Number of charts displayed on each line when a dimension is placed on the multiplier axis (in that case, a chart is displayed for each dimension value).
bStacked	**false**: default value, measures values are not stacked. Example:  **true**: measures values are stacked. Example below uses the same measures and dimensions as the chart above but the parameter **bStacked** has been set to the value true. The second measure (in gray) has therefore been put above the first one: 
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) .

	Note : you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.

XII. ENERGY BARS

Feature	Feature value
nbZone	Enter the number of zones for the Energy bar (by default, 7 zones named from A to G).

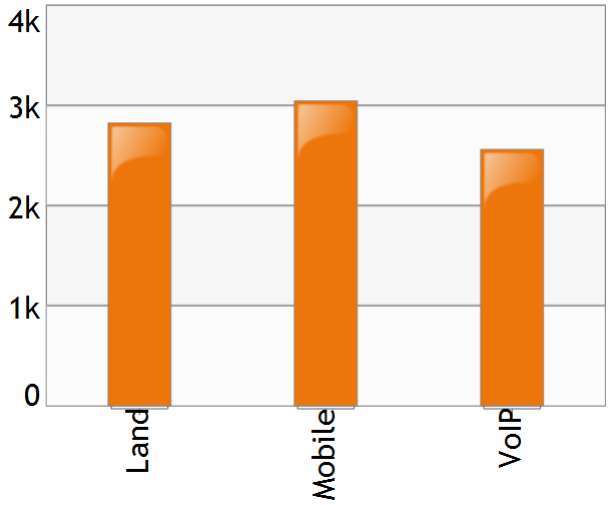
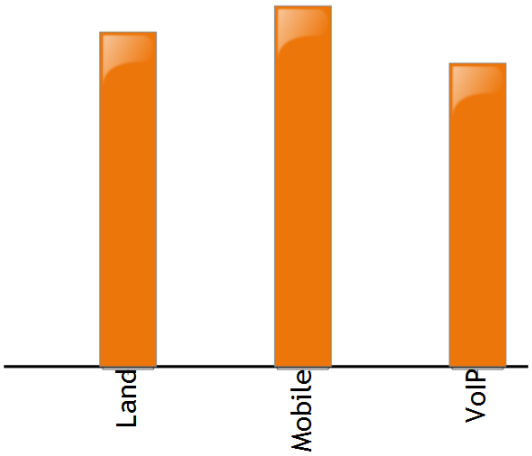
XIII. PROGRESS BARS

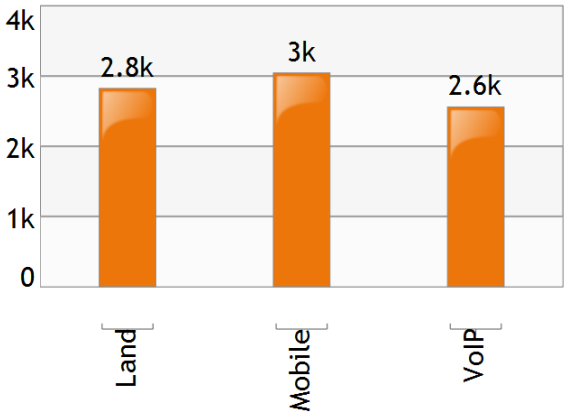
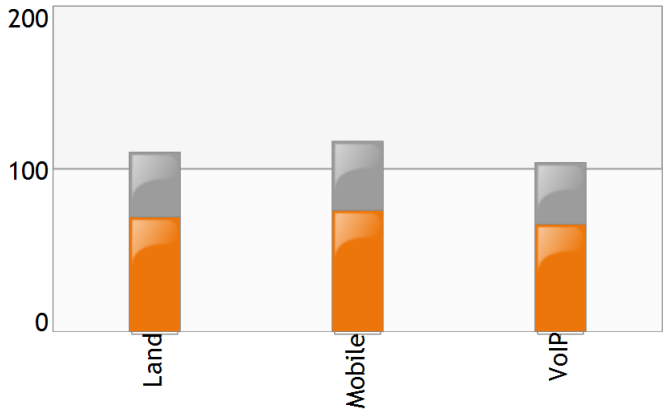
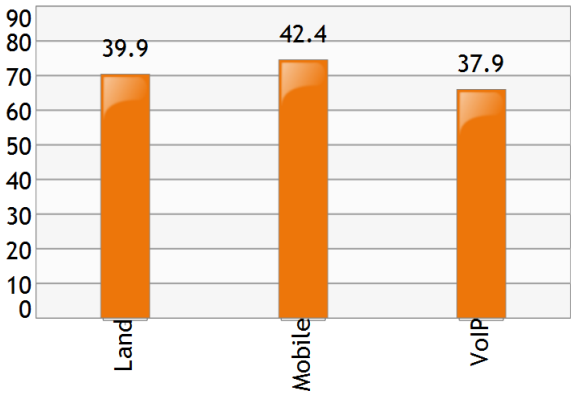
Feature	Feature value
orientation	By default, the progress bar is displayed horizontally. Example:  To display it vertically, enter the value 1 for the parameter **orientation**. Example: 

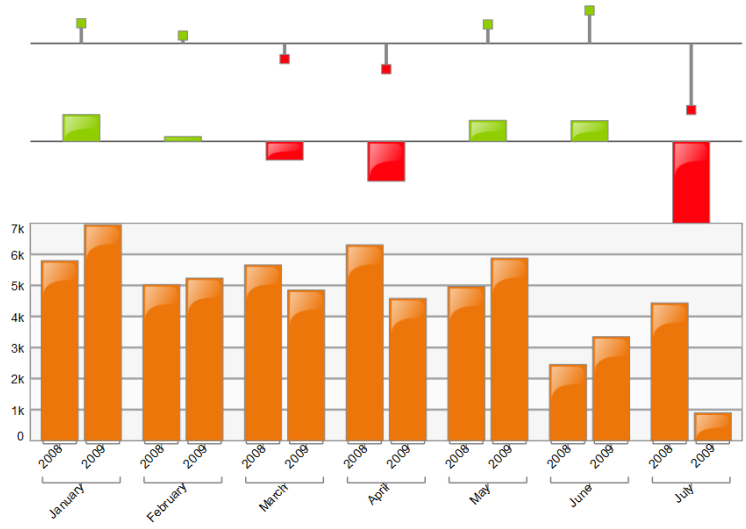
XIV. GAUGES

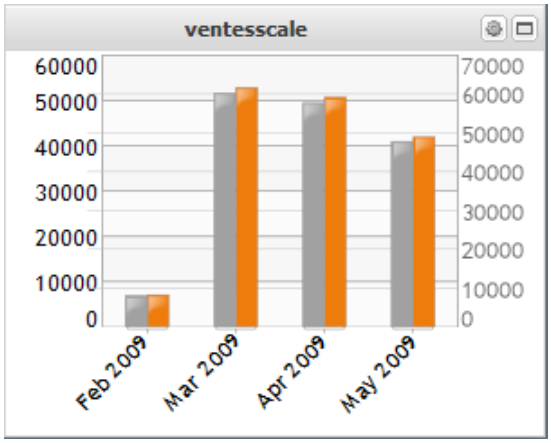
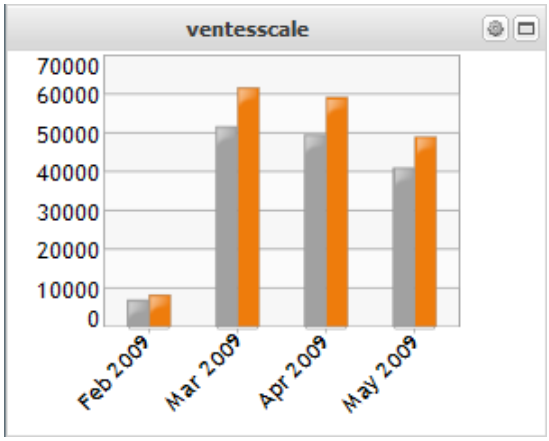
Feature	Feature value
Number of labels	By default, a label is put on each limit of the objective areas. You can modify the number of labels by entering the value in the **Number of labels** text box.

XV. COLUMNS, BARS

Feature	Feature value
Axis label angle	Enter the value (in degrees) of the axis label angle (default value is -45). Example: -90 
Maximum label percent space	Size of the label (in percent) Example: if you want the space occupied by labels to represent maximum 10% of your chart, enter the value 10.
Hide brace in axis label	Check this box to hide the brace displayed under the axis label.
Hide measure axis	Check this box to hide the measure axis. Example: 

Label outside of stacking area	Display label on top of the stacking axis. You must first open the **Scales / labels** tab, then in the labels section, check Axis: stacking. Example: 
Last stack displayed as text	Unchecked: Display all elements on stacking axis as bars. Example: column chart with 2 measures on stacking axis:  Checked: Display the last elements as text instead of a bar. Example: Column chart with 2 measures on stacking axis and check box **Last stack displayed as text** is checked: 

Display delta percentage / Display delta	Display delta between the second and the first column of the chart. Example: Create a chart showing for each month the delta between 2 years. In the visualization configuration dialog box, add your measure on the stacking axis. Add Date, level year on the column axis, and Date, level Month on the grouping axis. Check the boxes Display delta percentage and Display delta. The following chart is displayed: 
Reverse delta color	*Only when Display delta feature is activated.* Invert the delta color: positive delta is red and negative delta is green.
Spacing between columns, *Spacing between bars*	Spacing (in pixels) between two members of the column or bar axis
Spacing between groups	Spacing (in pixels) between two members of the grouping axis.
allowShine	**true**: allow shiny elements. **false**: doesn't display shiny elements (default value).
maxWidth	*For columns chart only.* Maximum width (in pixels) of the columns.
maxHeight	*For bar charts only.* Maximum height (in pixels) of the bars.
forceGradY	*For columns charts only.* Number of graduations you want to display for the Y axis.
forceGradX	*For bars charts only.* Number of graduations you want to display for the X axis.
maxPerLine	*Only when multiplier axis is used.* Number of charts displayed on each line when a dimension is placed on the multiplier axis (in that case, a chart is displayed for each dimension value).

ignoreRightScale	*For column charts only.* On a column chart displaying at least two measures and one of them at right, allow you to ignore the right scale. **false** : default value. The right scale is displayed. Measures displayed at right depend on the right scale:  **true** : the right scale is not displayed. Measures displayed at right depend on the left scale.  *Note* : to display two measures on columns with one at right, put your measures on the stacking axis. Display the stacking parameters, click **Display members** then choose the measures that you want to display at right.
drillOnFilter drillOnScrDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy”

	on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.

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Feature	Feature value
forceGradY	Number of scale graduations.
drillOnFilter drillOnSrcDims	**true** : drill on hierarchy when a filter is applied. For example, in a chart displaying the turnover by year, filter on year 2014 will drill on year 2014 and display the turnover by quarter. If you remove the filter, values will be displayed at the year level again. The property drillOnScrDims can be used with drillOnFilter. If drillOnScrDims is true, drilling on hierarchy will be done only if filter is set on the source dimension (and not on a hierarchic level of the dimension) . *Note :* you must add the interaction “Navigate on hierarchy” on the column you want to drill on. **false** : default value. No drill on hierarchy when a filter is applied.

