

# Visual BI Extensions for SAP® LUMIRA DESIGNER





Deliver the User Experience Your End-Users Want



## WHY VISUAL BI EXTENSIONS (VBX)?

- ⊕ **One Stop Solution:** Charts, Maps, Filters & Utilities
- ⊕ **Configure; Don't Code:** Turn on features in 1-click; Minimize reliance on developer skills
- ⊕ **40% Faster Development:** Commonly asked features & best practices already built-in
- ⊕ **Lightweight Design & High Performance:** Minimize backend connections & reuse data sources using Data Utility

## HIGHLIGHTS

-  MOBILE COMPATIBLE
-  SIMPLIFIED PRICING
-  GLOBAL ENTERPRISE SUPPORT
-  SAP CERTIFIED

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## 50+ Charts with 400+ Properties

### Advanced Features in VBX Charts

#### Data Utility

- Reuse data source to boost dashboard performance
- 1 data source - Multiple Views

#### Extensive Tooltip and Data Label customization

- Ability to additional measures, images and text formatting

#### Extensive Customization

- Searchable and easy-to-use property sheet

#### Detailed Formatting Capabilities

- Label & Number formatting, rotation and tool tip enhancements
- Detailed axis formatting options
- Custom theme support with dedicated theme creator
- Plot Line/ Plot Band
- Extensive legend formatting options
- Dynamic Series (enable/disable)

#### Advanced Conditional Formatting

- Dynamic rules based on single measure, measure calculation, and target values

#### Identical Scaling

- Common scale for multiple charts for easy comparison
- Identical scaling based on the combined data set
- Identical scaling automatically adjusted during user interaction, such as filtering

#### Trendline Support

- Supported Trendlines (Linear, Exponential, Logarithmic)
- Ability to add Error Bar definitions to charts
- Runtime Deviation Bar

#### Drill Down Capabilities

- Support for backend hierarchies and stacked dimensions
- No Scripting
- Various Navigation options

#### Context Menu for Charts

- Interactive menu with most common features such as Filter, Rank, Sort without the need of scripting
- Custom Context Menu

#### Zoom Functionality

- Pinch Zoom on mobile devices
- Pan across zoomed areas

#### Export Options

- Chart Exporting options- PDF, XLS, JPG, PNG, SVG

#### Annotations

- Annotate charts or data points with text anywhere on the canvas or tethered to specific data points.

#### German support for Additional properties

## 31 Advanced Charts Exclusive to VBX

CHARTS	SAP®	VBX
Bar, Boxplot, Bubble, Bullet, Column, Combination, Donut, Dual Axis, Funnel, Heat Map, Line, Marimekko, Pie, Progress Bar, Radar, Scatterplot, Sparkline Table, Stacked Bar/Column, Tag Cloud, Tree Map, Waterfall Chart	✓	✓

CHARTS	SAP®	VBX
Drilldown Charts (Bar, Column, Pie, Funnel, Pyramid, Tree Map)	✗	✓
Pyramid Charts	✗	✓
Super Combination Chart	✗	✓
Combination Charts - Multiple Axis	✗	✓
Stacked and Grouped Charts (Column, Bar)	✗	✓
Risk Matrix	✗	✓
Calendar Heatmap	✗	✓
Waffle Chart	✗	✓
Linear / Angular / Solid Gauge / Advanced Gauge	✗	✓
Number / Circle (# and %) Counter	✗	✓
Fixed Column Chart	✗	✓
Pareto Chart	✗	✓
Sunburst Chart	✗	✓
Spie Chart	✗	✓
Sankey Chart	✗	✓
Parallel Coordinates Chart	✗	✓
Slope Chart	✗	✓
Stream Graph	✗	✓
Advanced Column Bar Chart	✗	✓
Stacked Waterfall Chart	✗	✓

Speciality	SAP®	VBX
Gantt Chart	✗	✓
Data Utility for Standard SAP Components	✗	✓

✗ Not Supported    ✓ Partially Supported    ✓ Supported

MAPPING FEATURES	SAP®	VBX
400+ "Out of Box" Regional Maps (Continents, Countries, Regions...)	✗	✓
Support for Full Address Details	✗	✓
Support for Z-axis	✗	✓
Multi-Level Drill Down	✗	✓
Layers: Flow, heat	✗	✓
Define Filter per Layer	✗	✓
Integration with OpenDoc URL	✓	✓
Conditional Formatting	✗	✓
Tooltip and Data label customization	✗	✓
30+ base map layers	✗	✓
Layers: Marker, Choropleth, Cluster and Bubble	✓	✓
Support for Geo JSON Custom Maps	✓	✓
Lasso Selection Support for Multiple Markers	✓	✓
Visualizations on Maps	✓	✓
3D Revolving Globe	✗	✓
50+ prebuilt Geojson regions with user data	✗	✓
Indoor Analyzer	✗	✓

SELECTORS	SAP®	VBX
Period Selector(YQM-Single,YQM-Multiple, YM, DWQM *)	✗	✓
Dynamic Grid	✗	✓
Advanced Combobox & Listbox <ul style="list-style-type: none"> <li>Integrated search and display configurations</li> <li>Configure target data sources without any scripting</li> <li>Alerting capabilities</li> </ul>	✗	✓
Range Slider <ul style="list-style-type: none"> <li>Single &amp; Dual Value Slider</li> <li>Horizontal / Vertical orientation</li> <li>Advanced Conditional Formatting</li> </ul>	✗	✓
Facet Filter <ul style="list-style-type: none"> <li>Multiple visual representation options: Checkbox, Radio Button and Listbox</li> <li>Support SAP BW and SAP HANA hierarchies</li> <li>Intuitive Navigation coloring</li> </ul>	✗	✓
Hierarchical Filter <ul style="list-style-type: none"> <li>Support SAP BW and SAP HANA hierarchies</li> </ul>	✓	✓
Time Slicer	✗	✓

UTILITIES	SAP®	VBX
Search Box	✗	✓
HTML Box	✗	✓
Script Box	✗	✓
Custom Label	✗	✓
What-If Analyzer	✗	✓
Advanced Label	✗	✓
Advanced KPI Tile (Multi-Value) <ul style="list-style-type: none"> <li>Advanced Formatting Capabilities</li> <li>Support for Micro Charts, Multiple Data Sources</li> <li>Conditional Formatting Capabilities</li> <li>Customizable Structure &amp; Dynamic Containers</li> </ul>	✗	✓
Export to MS PowerPoint, Word and Outlook <ul style="list-style-type: none"> <li>Consistent layouts using templates</li> <li>E-mails generated directly from the dashboard for collaboration</li> </ul>	✗	✓
Trend Icon <ul style="list-style-type: none"> <li>Dynamic Trend indicator for your KPI</li> <li>Advanced Conditional Formatting</li> </ul>	✗	✓
Web Services (WSDL) or WEBI as a Datasource <ul style="list-style-type: none"> <li>Use Web Intelligence (WEBI) Reports or Instances as data sources</li> <li>Use SOAP Based Web Services</li> </ul>	✗	✓
Spreadsheet as a Data Source <ul style="list-style-type: none"> <li>Use Excel sheets or Google sheets as data source</li> </ul>	✗	✓
Advanced Table <ul style="list-style-type: none"> <li>Interactive Filtering</li> <li>Pivot Table Mode</li> <li>Column Resizing</li> <li>Dynamic Alerts &amp; Alert Columns</li> </ul>	✓	✓
Export to PDF	✓	✓
Responsive UI Container <ul style="list-style-type: none"> <li>Simple and Advanced mode for Mobile dashboard designs</li> <li>Interactive Mobile Preview</li> <li>Profile based Chart Configuration</li> <li>Profile based Dashboard Layout</li> </ul>	✓	✓
Menu Component	✓	✓
Trellis Component	✓	✓
Pictogram	✗	✓
Constant Data Source with BYOD	✗	✓
OData as Data Source	✗	✓
Multiscreen View	✗	✓

\* Coming soon



Not Supported



Partially Supported



Supported

## Trusted Brands Using VBX



## WHY CUSTOMERS LOVE US...

**100+**  
Trusted Customers  
Worldwide

... support and advice has been **EXCELLENT**. Easy to use and they add that bit extra to our charts that are not available 'out of the box' ...

It fills the gaps that you find in the design studio. The support was very **PROMPT**

**FULLY RECOMMEND**  
this to every customer.

... a **MUST HAVE** for any dashboard/analytic app developer... Support has been **OUTSTANDING** as well

..helped us **SIGNIFICANTLY REDUCE** dashboard development time and cut down on the amount of scripting... This suite is worth the investment

helped us significantly reduce dashboard development time...We received **FANTASTIC** and **FAST** support

... **VERY WELL** documented... and you don't need to be a programmer to use them

...I had zero Design Studio experience and was **QUICKLY** able to create professional dashboards using the VBX



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