



# VISUAL BI EXTENSIONS (VBX) FOR SAP LUMIRA DESIGNER

## Product Roadmap

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# What You Get With VBX - Summary

## CHARTS

**50+** Charts, with **23** exclusive to VBX

**400+** Properties for extensive formatting

**40%** faster delivery with reduced scripting

**2x-6x** performance gains through Data Utility

## MAPS

**400+** map options

GeoJSON support for custom maps

Marker, Cluster, Choropleth, Heat & Bubble layers

**30+** Base Map layers E.g. ESRI, Google, OSM

## SELECTORS

Advanced input & filter controls

Easier slice & dice, sort, filter & alert capabilities

Integrated Search to handle larger data sets

Patented time period selectors

## UTILITIES

Customizable Export, Print & Presentation options

Excel, Google Sheets & Web Service connectors

Responsive UI Container for mobile UX

Advanced Table, KPI Tile, What-If Analyzer & more

**BW & HANA Hierarchy Support | WebI-as-a-Data-Source | Reusable Data Sources | Advanced Interactivity & Drill-Through**

**Context Menu | Advanced Conditional Formatting | Mobile-Compatible & Responsive**

**Custom Events | Custom Scripting Functions | ... and more**

**1-CLICK CONFIGURATION**

# Visual BI Extensions for SAP Lumira Designer (What is Included as Today – VBX 2.2)

Charts	Maps	Selectors	Utilities
<p><b>Additional Features</b></p> <ul style="list-style-type: none"> <li>▪ Data Utility</li> <li>▪ Hierarchies: Leverage BW/HANA hierarchies</li> <li>▪ Chart Export options: PDF, JPEG, SVG, PNG</li> <li>▪ Predefined themes (CSS)</li> <li>▪ Enhanced Chart Interactivity               <ul style="list-style-type: none"> <li>- Zoom and Lasso /Reverse Lasso (including Mobile)</li> <li>- Show / Hide series based on legend click</li> <li>- Drill Down &amp; Expand / collapse</li> </ul> </li> <li>▪ Advanced Conditional Formatting</li> <li>▪ Identical Scaling for multiple charts</li> <li>▪ Permanent color assignment for measures and dimensions</li> <li>▪ Custom Data Label and Tooltip</li> <li>▪ Support for Trendlines / Error Bars</li> <li>▪ Ability to rename Measure Labels</li> <li>▪ Extensive Scripting options</li> <li>▪ Extensive Formatting               <ul style="list-style-type: none"> <li>- Tooltip</li> <li>- Legend</li> <li>- Axis / Axis Labels</li> <li>- Title, Subtitle &amp; Label Formatting</li> <li>- Chart, line and Plot Area Formatting</li> <li>- Value Display Formatting (in axis, tooltip, etc)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Drill Down Capability</li> <li>▪ Various Map Types               <ul style="list-style-type: none"> <li>- Marker Layers</li> <li>- Choropleth Layer</li> <li>- Bubble Layer</li> <li>- Cluster Layer</li> <li>- Heat Map Layer</li> </ul> </li> <li>▪ GeoJSON for custom maps</li> <li>▪ Data Types               <ul style="list-style-type: none"> <li>- Latitude and Longitude</li> <li>- Regional dimensions (Country, State, Counties)</li> <li>- Support for full address details</li> </ul> </li> <li>▪ 400+ regional Maps (Continents, Countries, States..)</li> <li>▪ Multiple Data source for Maps</li> <li>▪ Custom Data Label and Tooltip</li> <li>▪ Support for Mobile</li> <li>▪ Ability to define initial Zoom / Location</li> <li>▪ Advanced Conditional Formatting</li> <li>▪ Custom marker icons</li> <li>▪ Zoom / Lasso Functionality</li> <li>▪ 30+ Map layer options               <ul style="list-style-type: none"> <li>- ESRI Maps</li> <li>- Google Maps</li> <li>- Open street Maps</li> <li>- Custom Map</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Period Selector               <ul style="list-style-type: none"> <li>- Y-M</li> <li>- Y-Q-M</li> <li>- Y-Q-M Multi Select</li> </ul> </li> <li>▪ Hierarchy Filter</li> <li>▪ Dynamic Grid Box</li> <li>▪ Listbox and Dropdown               <ul style="list-style-type: none"> <li>- Search Box</li> <li>- Alerting capabilities</li> </ul> </li> <li>▪ Range Slider</li> <li>▪ Facet Filter               <ul style="list-style-type: none"> <li>- Hierarchy Support</li> <li>- Search Box</li> <li>- Sorting</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Advanced KPI Tile</li> <li>▪ Custom Label</li> <li>▪ Export Options               <ul style="list-style-type: none"> <li>- PDF</li> <li>- Microsoft Word</li> <li>- Microsoft PowerPoint</li> <li>- Email</li> </ul> </li> <li>▪ Advanced Table</li> <li>▪ Trend Icon</li> <li>▪ Additional Data Source               <ul style="list-style-type: none"> <li>- Microsoft Excel</li> <li>- Google Sheets</li> <li>- WSDL</li> </ul> </li> <li>▪ What If Analyzer</li> <li>▪ HTML Box</li> <li>▪ Pictogram</li> <li>▪ Script Box</li> <li>▪ Search Box</li> </ul>

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## Upcoming – Q2 2018

### Charts

- New Chart : Spie Chart, Stream Graph, Sankey, Parallel Coordinates, Slope
- Conditional Formatting Enhancements
- Bullet Chart Enhancements
- Runtime Deviation Bar
- Dynamic Series (enable/disable)

### Selectors & Filters

- New Selector - Time Slicer
- Period Selector Week / Month Quarter
- List Box/ Combo Box enhancements

### Maps

- Performance Enhancement-Location Analyzer (especially Flow Layer)
- Performance Enhancements - Heat/Bubble Map
- Visualizations on Maps

### Utilities

- Advanced KPI Tile Enhancements
- Advance Table Enhancements
- Constant Data source with BYOD
- OData as Data Source

## Planned – Q3 and Q4 2018

### Charts

- New Chart Types : Chord, Sunburst
- Plot Line / Reference Line Enhancements
- Chart Container Topics (not common container)
- Stacked / Dual Waterfall Chart
- Chart Editor (Runtime)
- Scatter / Bubble Chart Enhancements
- Box Plot Enhancements
- Circular Counter Enhancements
- Sparkline Chart Enhancements

### Maps

- Additional Visualizations
- Conditional Formatting Enhancements
- ESRI / Google related Enhancements
- ESRI - Reference Layer / Geo Fencing
- Reference Layer Integration
- Demographic Information
- Indoor Analytics

### Selectors & Filters

- Filter Panel Component
- Period Selector - Alerts & Conditional Formatting
- Filter Toolbar Component

### Utilities

- Data Merge / Joining Component
- Report Viewer Component
- Excel as Data Source Enhancement

# Product Roadmap (Charts and Maps) – Q2 2018

## CHARTS

**Additional Chart Types** : Spie Chart, Stream Graph, Sankey, Parallel Coordinates, Slope

### Runtime Deviation Bars

- Ad hoc Variance Analysis

### Dynamic Series – Enable / Disable

- Dynamically enable and disable series without scripting

### Conditional Formatting Enhancement

- Ability to configure Conditional Formatting rules via scripting
- Conditional Formatting support for all chart types
- Enhanced Color options – color blind safe options and prebuilt color schemes
- Support for Drill Down Charts & Hierarchies, Totals/Subtotals and Dimension Members
- Additional indication as part of the legend

### Sparkline Chart Enhancement

- Support for Conditional Formatting
- Hierarchy Support
- Highlight- High/Low, First / Last Value and reference point
- Data Labels and Tooltip Enhancements
- Additional Sparkline charts
- Axis Formatting Enhancements
- CSS and Custom Theme Support
- Trendline / Reference Lines

### Bullet Chart Enhancements

- Drill Down Bullet Chart with support for backend hierarchies
- Qualitative Ranges configuration enhancements
- Deviation Display for Bullet Chart
- Data selection and individual scaling for the Bullet Chart
- Styling Enhancements for Bullet Chart
- Alert indicator column

## MAPS

### Performance Enhancement-Location Analyzer (especially Flow Layer)

- Improve Data handling capabilities

### Performance Enhancements - Heat/Bubble Map

- Improve Data handling capabilities

### Visualizations on Maps

- Ability to add charts like Bar and Pie on top of Maps

### Indoor Analytics

- Ability to provide data visualizations for “Indoor maps”, such as a retail outlet

# Product Roadmap (Utilities and Selectors) – Q2 2018

## UTILITIES

### OData as a Data Source

- ODATA connectivity for SAP Lumira Designer

### Advanced KPI Tile Enhancements

- Ability to configure both the front and back sides of KPI tile
- Trend Indication
- Additional Visual Indication

### Advanced Table Enhancements

- Support for Keyboard Navigation
- CSS Themes Support
- Support gestures for Mobile
- Hide/ Show columns based on device
- Support for Sparkline charts

### Constant Data Source with BYOD

- Sample data sources with editor

## FILTER & SELECTOR

### New Component - Time Slicer

- Ability to choose time ranges, for example Last 90 days, Next 3 Months, YTD, QTD, ...

### New Period Selector

- Period Selector for Month, Week and Day
- Period Selector for Quarter, Month, and Week

### List Box and Combo Box Enhancements

- Supporting all Dimensions (not just initial view)
- Support for Keyboard Navigation
- Style Sheet Support

# Testimonials



View the reviews in [SAP App Center](#)

... 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

...**significantly reduces** the development time and makes design studio on par/superior compared to other competitors...

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

a '**must have**' for building flexible, professional looking, interactive dashboards...support was **first class**

... **very well** documented... and you don't need to be a programmer to use them

VBX Charts provided us with **exactly** the kind of properties control **we needed**

...It has been a **successful** and **popular** choice!...



## Pricing and Licensing

Download your 15 Day Trial from:  
<https://products.visualbi.com/vbx/>

You will receive all components (charts, maps, selectors, utilities)  
No functional limitation

