



VISUAL BI EXTENSIONS (VBX) FOR SAP LUMIRA DESIGNER

Product Roadmap

Gopal Krishnamurthy
Founder/CEO, Visual BI Solutions

www.visualbi.com

This presentation outlines our general product direction and should not be relied on in making a purchase decision. This presentation is not subject to your license agreement or any other agreement with Visual BI Solutions. Visual BI Solutions has no obligation to pursue any course of business outlined in this presentation or to develop or release any functionality mentioned in this presentation. This presentation and Visual BI Solution's strategy and possible future developments are subject to change and may be changed by Visual BI Solutions at any time for any reason without notice. This document is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. Visual BI Solutions assumes no responsibility for errors or omissions in this document, except if such damages were caused by Visual BI Solutions intentionally or grossly negligent.

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 2.3)

Charts

50+ Charts

- Basic Charts (Line, Column, Bar)
- Stacked Chart (Column / Bar)
- Combination (Single / Dual Axis)
- Pie / Donut Chart
- Scatter plot / Bubble Chart
- Treemap / Heatmap
- Waterfall
- Progress Bar / Bullet Chart
- Radar Chart
- Chart Selector
- Table with Sparkline Charts
- Funnel Chart
- Specialty Charts: Marimekko ,Tag Cloud, Box Plot
- Gauge (Advanced, Angular, Solid, Linear)
- Drilldown Chart (Bar, Column, Pie, Funnel, Pyramid, Tree)
- Pyramid Chart
- Polar chart
- Circular/ Number Counter /Semi Circular Donut
- Stacked and Grouped Charts
- Specialty Charts : Gantt Chart , Risk Matrix, Calendar Heatmap , Waffle Chart
- Fixed Column Charts
- Multiple Axis Charts / Super Combination Chart
- Advanced Column Bar Chart
- Spie Chart
- Stream Graph
- Sankey Chart
- Parallel Coordinates Chart
- Slope Chart

Additional Features

- Data Utility
- Hierarchies: Leverage BW/HANA hierarchies
- Chart Export options: PDF, JPEG, SVG, PNG
- Predefined themes (CSS)
- Enhanced Chart Interactivity
 - Zoom and Lasso /Reverse Lasso (including Mobile)
 - Show / Hide series based on legend click
 - Drill Down & Expand / collapse
- Advanced Conditional Formatting
- Identical Scaling for multiple charts
- Permanent color assignment for measures and dimensions
- Custom Data Label and Tooltip
- Support for Trendlines / Error Bars
- Ability to rename Measure Labels
- Extensive Scripting options
- Extensive Formatting
 - Tooltip
 - Legend
 - Axis / Axis Labels
 - Title, Subtitle & Label Formatting
 - Chart, line and Plot Area Formatting
 - Value Display Formatting (in axis, tooltip, etc)
- Conditional Formatting Enhancements
- Bullet Chart Enhancements
- Runtime Deviation Bar
- Dynamic Series (enable/disable)
- Legends for the Series (Show/Hide)
- Series Label options
- Configuring the pattern for the series
- Custom Ranking for Measures
- Annotations in Charts
- Annotations at run time

Visual BI Extensions for SAP Lumira Designer (What is Included as Today – VBX 2.3)

Maps	Utilities	Selectors	Speciality Charts
<ul style="list-style-type: none"> ▪ Drill Down Capability ▪ Various Map Types <ul style="list-style-type: none"> - Marker Layers - Choropleth Layer - Bubble Layer - Cluster Layer - Heat Map Layer ▪ GeoJSON for custom maps ▪ Data Types <ul style="list-style-type: none"> - Latitude and Longitude - Regional dimensions (Country, State, Counties) - Support for full address details ▪ 400+ regional Maps (Continents, Countries, States..) ▪ Multiple Data source for Maps ▪ Custom Data Label and Tooltip ▪ Support for Mobile ▪ Ability to define initial Zoom / Location ▪ Advanced Conditional Formatting ▪ Custom marker icons ▪ Zoom / Lasso Functionality ▪ 30+ Map layer options <ul style="list-style-type: none"> - ESRI Maps - Google Maps - Open street Maps - Custom Map ▪ Data Visualization for Heat Maps ▪ Performance Enhancements - Heat/Bubble Map 	<ul style="list-style-type: none"> ▪ Advanced KPI Tile ▪ Custom Label ▪ Export Options <ul style="list-style-type: none"> - PDF - Microsoft Word - Microsoft PowerPoint - Email ▪ Advanced Table ▪ Trend Icon ▪ Additional Data Source <ul style="list-style-type: none"> - Microsoft Excel - Google Sheets - WSDL ▪ What If Analyzer ▪ HTML Box ▪ Pictogram ▪ Script Box ▪ Search Box ▪ Advanced KPI Tile Enhancements ▪ Advance Table Enhancements ▪ Constant Data source with BYOD ▪ OData as Data Source ▪ Multscreen View in Responsive UI 	<ul style="list-style-type: none"> ▪ Period Selector <ul style="list-style-type: none"> - Y-M - Y-Q-M - Y-Q-M Multi Select ▪ Hierarchy Filter ▪ Dynamic Grid Box ▪ Listbox and Dropdown <ul style="list-style-type: none"> - Search Box - Alerting capabilities ▪ Range Slider ▪ Facet Filter <ul style="list-style-type: none"> - Hierarchy Support - Search Box - Sorting ▪ New Selector - Time Slicer ▪ Period Selector Week / Month Quarter ▪ List Box/ Combo Box enhancements 	<ul style="list-style-type: none"> ▪ Gantt Chart ▪ Data Utility as Component

This presentation and Visual BI Solution's strategy and possible future developments are subject to change and may be changed by Visual BI Solutions at any time for any reason without notice. This document is provided without a warranty of any kind either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, or non-infringement.

Upcoming – 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
- Scatter / Bubble Chart Enhancements
- Box Plot Enhancements
- Circular Counter Enhancements
- Sparkline Chart Enhancements

Maps

- Conditional Formatting Enhancements
- ESRI / Google related Enhancements
- ESRI - Reference Layer / Geo Fencing
- Indoor Analytics
- Performance Enhancement-Location Analyzer (especially Flow Layer)

Utilities

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

Product Roadmap (Charts and Maps) – Q3 and Q4 2018

CHARTS

Additional Chart Types : Chord, Sunburst

Plot Line / Reference Line Enhancements

- Provides the ability at Design Time and Run Time to enable / disable Plot Line and Plot Band definition

Chart Container Topics (not common container)

- Provides the options like Automatic Title Text, Minimize / Maximize, Global Currency, Global Scaling and Filter Info for the standard chart panel / container for all the charts.

Stacked / Dual Waterfall Chart

- Ability to configure a stacked and dual waterfall chart.

Scatter / Bubble Chart Enhancements

- Scatter and Bubble charts will be able to handle 2 dimensions as part of the data source

Box Plot Enhancements

- Enhanced with new Tooltip options and Data Scenario.

Circular Counter Enhancements

- Provides the options for image integration, measure aggregation and range calculation.
- Provides the ability to visually highlight the data.

Sparkline Chart Enhancements

- Support for Conditional Formatting
- Hierarchy Support
- Highlight- High/Low, First / Last Value and reference point
- Support for Conditional Formatting
- Hierarchy Support
- Highlight- High/Low, First / Last Value and reference point

MAPS

Conditional Formatting Enhancements

- Enable / disables the defined conditional formatting rules in the Additional Properties Sheet
- Enable / disables the defined conditional formatting rules using scripting
- Ability to activate a "Runtime Menu" for the Conditional Formatting rules
- Legend for the maps will be integrated with the Conditional Formatting

ESRI / Google related Enhancements

- Integrating Location Analyzer with Google Maps and Bing Base maps.
- Integrating Location Analyzer with ESRI.

ESRI - Reference Layer / Geo Fencing

- Integrating Location Analyzer with ESRI Reference Layer - for example like demographics information, income, spending, ...
- Ability to configure the Location Analyzer with Geo Fencing / Geo Location based Filtering

Indoor Analytics

- Ability to provide data visualizations for "Indoor maps", such as a retail outlet.

Performance Enhancement-Location Analyzer (especially Flow Layer)

- Improve Data handling capabilities

Product Roadmap (Utilities) – Q3 and Q4 2018

UTILITIES

Data Merge / Joining Component

- Ability to combine 2 or more data sources and create a new "virtual data source"

Report Viewer Component

- To integrate the viewing experience of a report that is based on the SAP BusinessObjects BI platform into a Design Studio / Lumira Designer dashboard

Excel as Data Source Enhancement

- Defining a Data Range for Data Selection Support
- Enabling cell selection
- Support for Value Driver Tree

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

