



# VISUAL BI EXTENSIONS (VBX) FOR SAP LUMIRA DESIGNER

## Product Roadmap

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# What You Get With VBX - Summary

CHARTS	MAPS	SELECTORS	UTILITIES
50+ Charts, with 23 exclusive to VBX	400+ map options	Advanced input & filter controls	Customizable Export, Print & Presentation options
400+ Properties for extensive formatting	GeoJSON support for custom maps	Easier slice & dice, sort, filter & alert capabilities	Excel, Google Sheets & Web Service connectors
40% faster delivery with reduced scripting	Marker, Cluster, Choropleth, Heat & Bubble layers	Integrated Search to handle larger data sets	Responsive UI Container for mobile UX
2x-6x performance gains through Data Utility	30+ Base Map layers E.g. ESRI, Google, OSM	Patented time period selectors	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)

## 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
- Sunburst Chart
- Pyramid Chart
- Lolli Pop Chart
- Activity Gauge
- Dot Plot Chart
- **Rainfall 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
- Additional Properties – German Support
- Custom Context Menu in Charts
- Conditional Formatting - Positive and Negative Value colors for Boolean Formats
- Plot Line and Plot Band Scripting
- Stacked Waterfall Chart
- CSV Export on Charts Context Menu
- Table Context Menu – Enhancements
- **Conditional Formatting Scripting**
- **Runtime Property Editor**

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

## Maps

- Drill Down Capability
- Various Map Types
  - Marker Layers
  - Choropleth Layer
  - Bubble Layer
  - Cluster Layer
  - Heat Map Layer
- GeoJSON for custom maps
- Data Types
  - 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
  - ESRI Maps with Charts
  - Google Maps
  - Open street Maps
  - Custom Map
- Data Visualization for Heat Maps
- Performance Enhancements - Heat/Bubble Map
- Indoor Analyzer
- Location Analyzer – Zoom based custom Layer Selection
- Indoor Analyser Enhancements
- **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

## Utilities

- Advanced KPI Tile
- Advanced Label
- Export Options
  - PDF (**Export to PDF Template**)
  - Microsoft Word
  - Microsoft PowerPoint
  - Email
- Advanced Table
- Trend Icon
- Additional Data Source
  - Microsoft Excel
  - Google Sheets
  - WSDL
  - OData
- What If Analyzer
- HTML Box
- Pictogram
- Script Box
- Search Box
- Advanced KPI Tile Enhancements
- Advance Table Enhancements
- Constant Data source with BYOD
- Multiscreen View in Responsive UI
- Advanced Label support for Self-service component creation
- Advanced Table with more API Scripts
- Custom Context Menu in Advanced Table
- Advanced Table with predefined Table Templates
- VBX Theme
- **Data Merge Component**

## Selectors

- Period Selector
  - Y-M
  - Y-Q-M
  - Y-Q-M Multi Select
- Hierarchy Filter
- Dynamic Grid Box
- Listbox and Dropdown
  - Search Box
  - Alerting capabilities
- Range Slider
- Facet Filter
  - Hierarchy Support
  - Search Box
  - Sorting
- New Selector - Time Slicer
- Period Selector Week / Month Quarter
- List Box/ Combo Box enhancements
- Facet Filter Template Configuration
- **Multiselect Box**

## Speciality Charts

- Data Utility as Component
- Analytics
- Gantt Chart Enhancements
- **Data Source Config**
- **Timeline Series Chart**

# Visual BI Extensions for SAP Lumira Designer (What is Included in VBX 2.5)

## Charts

- **New Charts**
  - Rainfall Chart
- **Additional Features**
  - Scripting for Conditional Formatting
  - Runtime Property Editor

## Utilities

- **New Utilities**
  - Data Merge Component
- **Additional Features**
  - Export to PDF Template

## Selectors

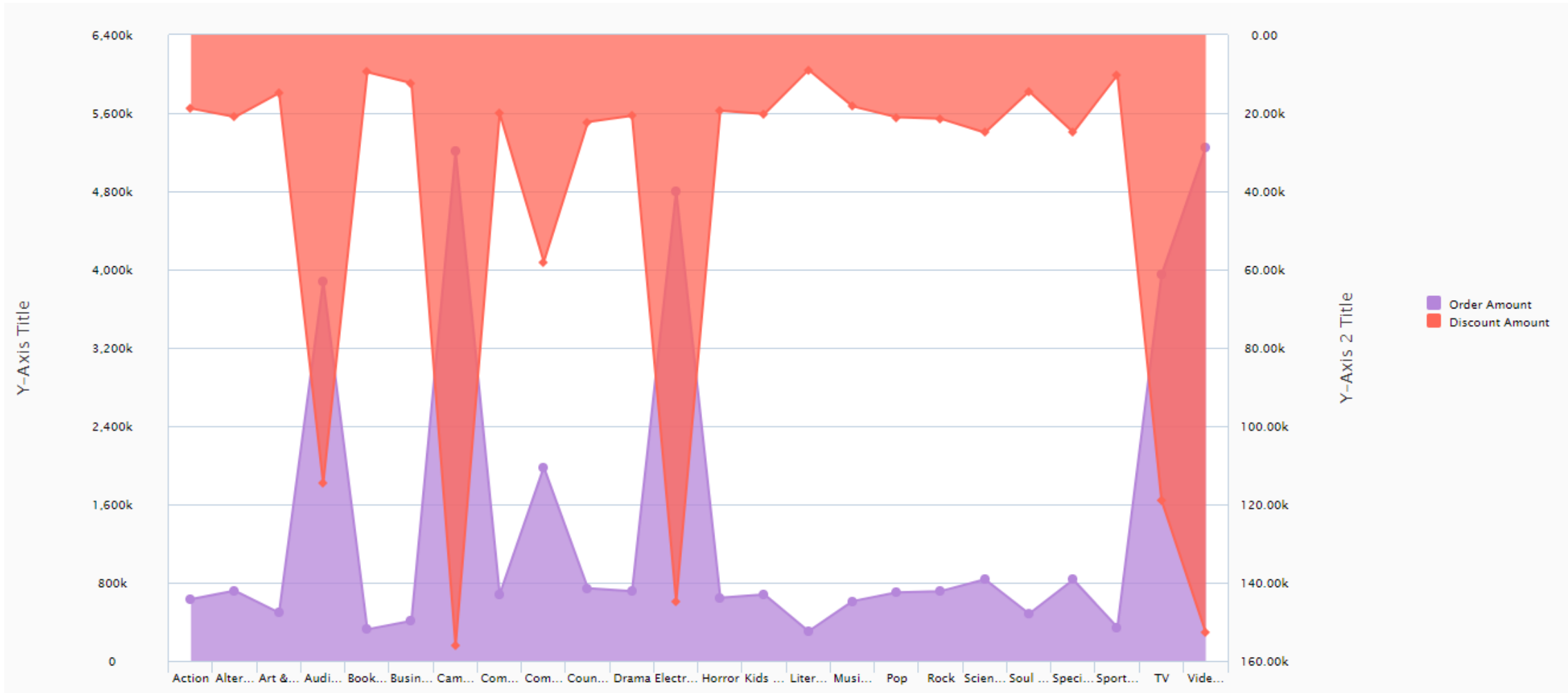
- **New Selectors**
  - Multiselect Box

## Speciality Charts

- **New Speciality Charts**
  - Data Source Config
  - Timeline Series Chart

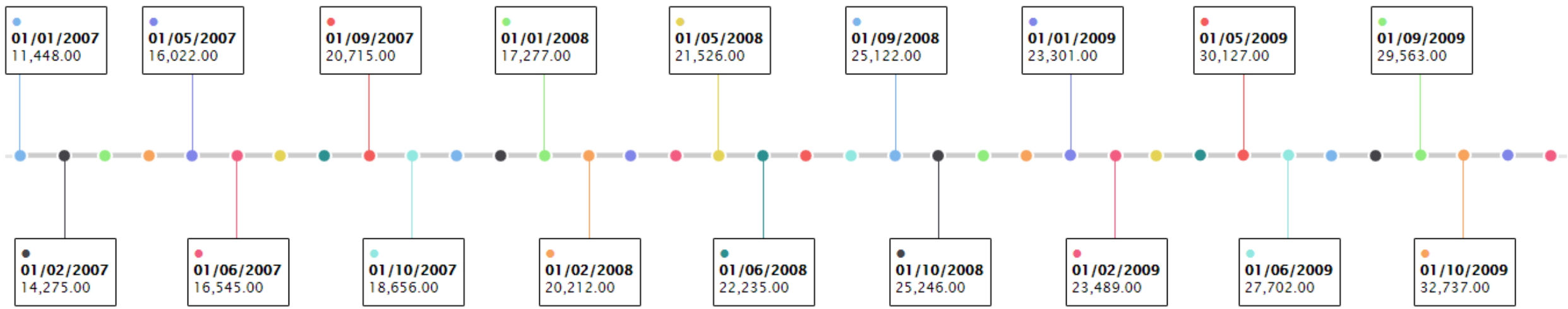
# VBX 2.5 Highlights – Rainfall Chart

The Rainfall Chart typically denotes the Area Chart but is represented by another series of Y axis frame. The Rainfall Chart displays the quantitative data and where the area below the line is being filled with the respective color based on the Y Axis frames.



# VBX 2.5 Highlights – Timeline Series Chart

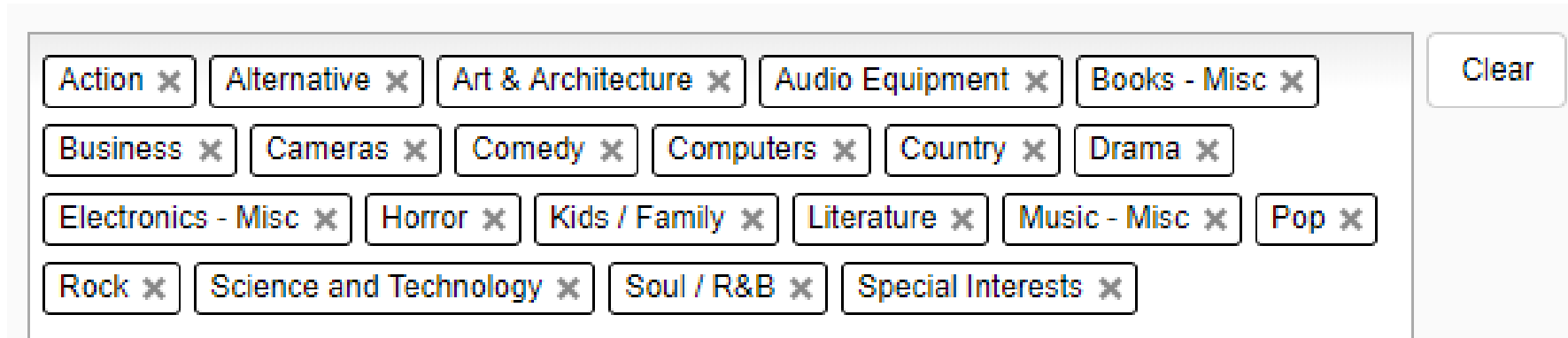
A Timeline Series Chart is a type of chart which visually shows a series of events over a linear timescale. In this case, the events will be represented by the Measures and the Timescale will be represented by the Dimension.





## VBX 2.5 Highlights – Multiselect Box

Using the MultiSelect Box, you can set the default Dimension member, configure the dependent data sources and set the maximum members for display.



The image shows a screenshot of a MultiSelect Box interface. It features a large rectangular container with a light gray background. Inside this container, there are 20 individual tags, each representing a category and ending with a small 'x' icon for removal. The tags are arranged in four rows: Row 1: Action x, Alternative x, Art & Architecture x, Audio Equipment x, Books - Misc x; Row 2: Business x, Cameras x, Comedy x, Computers x, Country x, Drama x; Row 3: Electronics - Misc x, Horror x, Kids / Family x, Literature x, Music - Misc x, Pop x; Row 4: Rock x, Science and Technology x, Soul / R&B x, Special Interests x. To the right of the main container is a separate button labeled 'Clear'.

## Upcoming – 2019 & 2020

### Charts

- Packed Bubble Chart
- Tornado Chart
- Chord
- Scatter Punch Card
- Venn Diagram
- Network Chart

### Speciality Charts

- Insights

### Utilities

- RBox

# Product Roadmap – 2019 & 2020

## CHARTS

### Additional Chart Types

- Packed Bubble Chart
- Tornado Chart
- Chord
- Scatter Punch Card
- Venn Diagram
- Network Chart

## SPECIALITY CHARTS

### New Visuals

- Insights

## UTILITIES

### R Box

- A utility for bringing R Visualizations as part of Lumira

## Support for SAP Lumira Designer Client Version

SAP Lumira Designer Release	Supported Visual BI Extensions (VBX) Release
Lumira Designer 2.0 or higher	Till Release 2.0
Lumira Designer (2.1 or higher)	Release 2.0 till Release 2.4
Lumira Designer (2.2 <b>or higher</b> )	<b>Release 2.5 or higher</b>

# 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

