The BizViz Product Family

BizViz is a unique BI platform that was built to give users better knowledge and insight into their business. It enables users to assemble data from multiple structured, semi-structured, and unstructured data sources. BizViz helps analysts provide Descriptive, Diagnostic, Predictive, and Prescriptive analytics in the cloud, on mobile devices, and on-premise. The BizViz platform intersects SMAC (Social Media, Mobility, Analytics, and Cloud). Users can build and interact with dynamic, information-rich dashboards from any device and will be able to enter real-time data from mobile devices.

BizViz is a single platform that has multiple components for use by people in various roles: Power users, Business users, BI developers, Application developers, Big Data engineers, and other IT professionals.
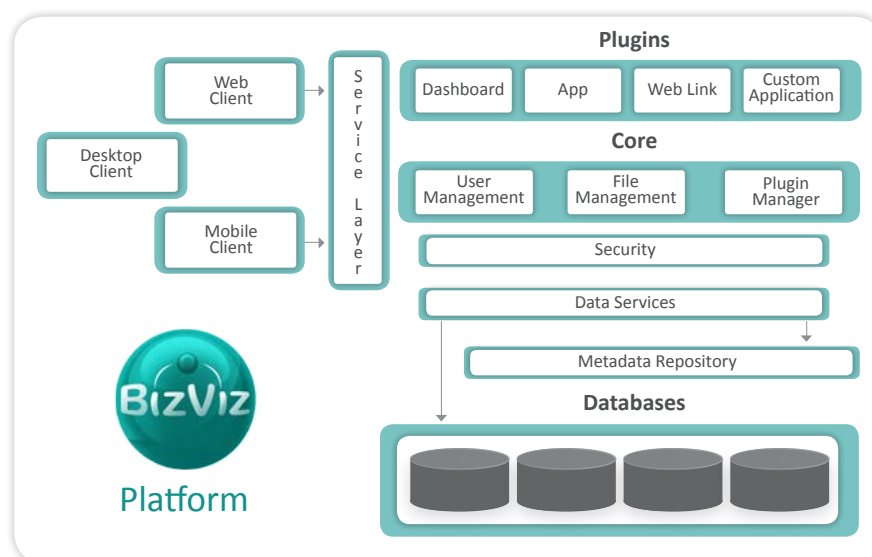
BizViz has various Big Data components that make it both unique and interesting. BizViz has a Sentimental Analysis module that works in real-time, with social media browsers that extract data from social media platforms. Integration with R Server and the R Predictive engine empower data scientists to create charts that provide actionable business insights.

BizViz's greatest strength is in its flexibility. Its OSGI framework and responsive design make it the choice platform that organizations prefer to deploy for their day-to-day use. BizViz can be configured to meet each customer's unique requirements.

BizViz Ranked in Leaders Quadrant

BizViz excels at providing both BI Analytics and Big Data products & services. NASSCOM (India's Top IT Body) evaluated BizViz and placed it within the 'Leaders Quadrant'.

BizViz Analytics Platform

BizViz Features
Powerful Yet Simple

- Zooming of charts
- Saving dashboards to the gallery
- Providing a Dock for dashboards
- Editing Dashboards along with annotation
- Mailing, printing, and messaging dashboards
- Option to provide 'Information' regarding the dashboard
- Integrates with Microsoft SharePoint

BizViz Dashboard Designer

- Access via a Web Browser
- Our flagship HTML5 based Designer
- Comes pre-loaded with wide range of charts & features
- Can integrate with your existing data
- Users can create Informative & Appealing Data Visualizations
- 'Make Your Business Alive' with unique Components: Ex. Grids, Scorecards, Special Charts

BizViz Platform

BizViz Platform is a portal that hosts a variety of components such as Plugin Manager, Administrator, User Management, and File Management.
The BizViz portal can be either deployed On-Premise or hosted in the Cloud.

The Plugin Manager helps customers integrate various products and services available with the BizViz platform. It can also be used to integrate client specific plugins. BizViz Portal's OSGI Framework and responsive design make it scalable and a pleasure to use by all types of users.

Users can access information published on the BizViz platform through a web browser or via mobile clients. BizViz Administrator provides secure authentication to users, ensuring that only those who have appropriate permissions are able to access information.

BizViz Dashboard Designer

BizViz Dashboard Designer is a web browser based application that users can use to build dashboards and design analytics. It comes preloaded with a wide range of unique charts, features, and data integration capabilities that empower users to create information-rich and appealing visual representations of their data.

Designing dashboards is a breeze with BizViz's drag and drop functionality, allowing users to rapidly construct dashboards.

BizViz gives better insight into a business by providing features such as **zoom-in/out** of charts, **dynamic-visibility,** and **flexible export options.**
Users can dig deep into their data at any level.

BizViz Data Connectors

BizViz connects to a wide range of data sources:

Big Data
- SAP HANA
- Spark SQL
- Apache Cassandra
- Apache Hive
- Facebook
- Twitter

RDBMS
- Oracle
- MY SQL
- MS SQL
- MS SQL OLAP

Flat Files
- Microsoft Excel
- CSV

BizViz Mobile

- Provides a complete analytics solution
- Rich Analysis, Dashboards, Enterprise reports
- Compatible with mobile platforms such as iOS
- Users can gain business insight from anywhere-- on the go

Why Business Story?

- Make sense and order out of disparate facts
- See the Big Picture
- Envision what the future could look like
- Interactive—People put themselves into stories
- Make your job easier
- Complete responsive design (easily arrange KPIs to suit your needs)
- Self-service Business Intelligence

BizViz Mobile

The **BizViz** mobile app makes decision making on the move possible. Executives and management teams will no longer need to wait long hours at the office just to view their reports. Exploration of data while on the move is possible via a touch enabled interface, with features such as filters and drill-down menus.
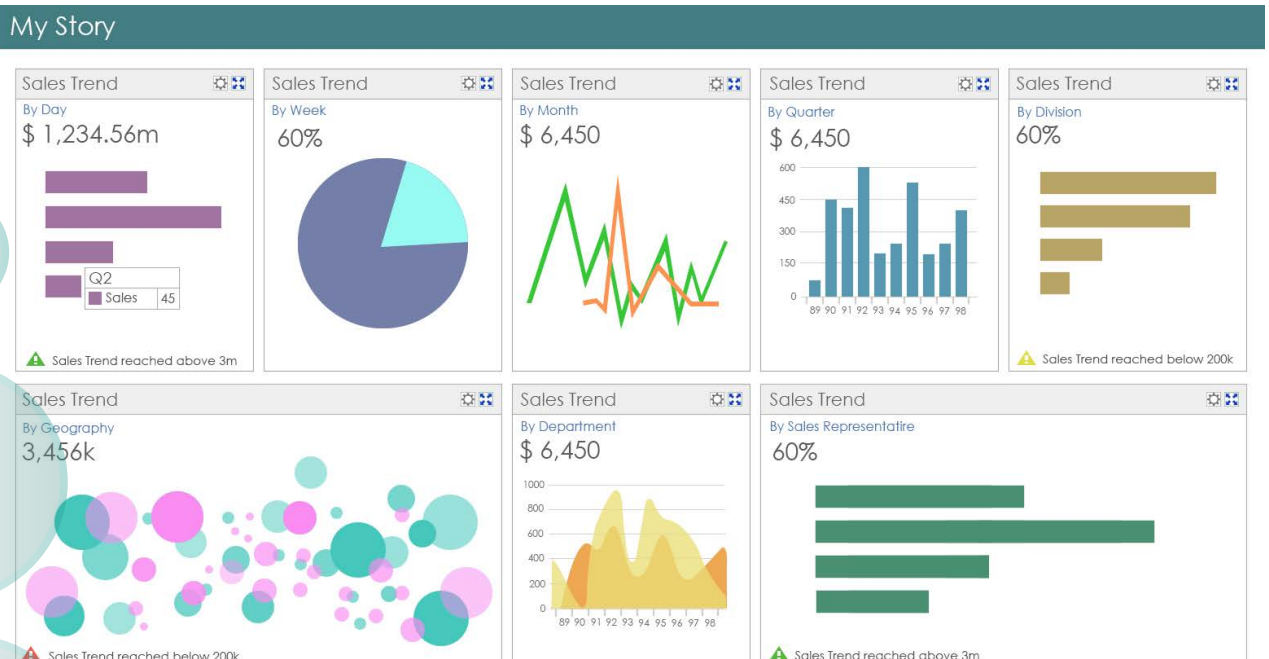
BizViz Business Story

Analyze your business better. Build a business story and translate that story into results.

Engage your Executive Team and explain your strategies and results more powerfully by approaching your project as a story. You will need the "What?" of your story (the facts and data) but you also need the "Who? How? And Why?" and the often missed "So what?" These are the story elements that will make your data relevant and tangible to your audience. Creating a good story can aid you and the Executive Team in focusing on what is important.

Stories bring life to data and facts. They can help you make sense and order out of a disparate collection of facts. They make it easier to remember key points andcan paint a vivid picture of what the future can look like.

Stories boost interactivity—People put themselves into stories and can relate to the situation better.

BizViz App Designer

BizViz App Designer is a plugin application that can be used to create real-time business applications, forms, and surveys. In order to trap a business's metric data, users can enter business data as it occurs, right from their mobile devices or PCs.

This gives the power of real-rime analytics to Power Users, BI Developers, and Decision Makers.

Predictive Analytics

- Connects to a wide range of data sources via web services
- Manage data extraction as per business needs
- Users can easily explore data to find insights
- Output Data can be visualized in the form of Graphs and Charts

Predictive Analytics

BizViz Predictive Analysis is an analytics model that empowers its users by providing predictive models to look into the future of their organizations and business processes. It is a user-friendly tool that shields users from mathematical complexity and offers interactive graphical user interfaces to give the user an easy, intuitive experience. It enables the users to discover hidden insights and relationships in their data by allowing them to drill-down into it.

Algorithms

The following Algorithms are built into BizViz:

Clustering
- Rk Means

Forecasting
- Triple Exponential Smoothing
- Single Exponential Smoothing
- Double Exponential Smoothing
- R-Auto ARIMA

Association
- Market Basket Analysis

Regression Analysis
- R-Linear Regression
- R-Multiple Linear Regression
- Logistic Regression

Outliers
- Interquartile range

Classification
- R-CNR Tree
- NaiveBayes

BizViz Sentiment Analyzer

Visualization Types:

- Sentiment Graph
- Topics
- HeatMap
- Tag Cloud
- Timeline
- Location Map
- Affinity
- Breakdown
- Actual Tweets

Sentiment Analytics

This tool is based on the James A. Russell Model which can depict Social Sentiment Analysis.

- It provides visualizations of the 28 emotional properties embodied in text, with the measure of confidence, which we call 'Sentiment'
- It estimates and visualizes sentiment of short, incomplete text snippets.
- It uses Social Media Browser to extract data from any Social Media Source
- It has a Heat map that visualizes the number of tweets within different sentiment regions. It highlights "hot" regions where there are many tweets.
- It has Tag Clouds that visualize the most frequently occurring terms in four emotional regions.
- It also gives Timeline, Map, Affinity, and Tweet Details.

Sentiment Analyzer is extremely useful to plot the popularity and sentiment graphs of various products and find its relation to the actual sales of these products.

This is also used to pull in semi-structured data in order to do R based analysis. The results can then be pushed to the Dashboarding framework.

Social Media Browser

This utility can extract relevant information from Facebook, Twitter, websites, etc. The extracted data can then be consumed for Sentiment analytics, R based analysis using semi-structured data, or Unstructured data analysis. The results can then be pushed to **BizViz's** Dashboarding framework.

BizViz Survey

Features:

- 15 Question Types
- Mobile Device enabled
- Benchmark goals for each survey
- Set Start/End Dates
- Answers can be validated during survey
- Logic can provide appropriate questions during survey
- Custom Logo and Branding

Survey

BizViz Survey is a plugin application that gives organizations the ability to create unique, interactive surveys to gather feedback from their clients, potential customers, employees, etc… Organizations can then analyze the results of the survey data (including text) using **BizViz**'s powerful Sentiment Analytics tool. Also, dashboards can be built upon the survey data, providing an easy to digest view of the data that can lead to helpful insights.

Integration:

- Integration with the **BizViz** Dashboarding tool
- Integration with **BizViz** Sentiment Analytics and Text Analytics
- Custom Integration with 3rd party applications and portals

Rapid Time-to-Value

The days of waiting weeks for your reports are finally gone. **BizViz** allows users to take dashboards from design to decision making in just a few hours. **BizViz** implementation costs are low in comparison to that of our competitors, giving your business a remarkably quick time-to-value and high ROI. Our flexibility, services, and innovative solutions will secure your profits.

For further product or licensing information, or for a product demonstration, Please contact our Sales Team at: **sales@bdbizviz.com**