CarbonBI is revolutionary approach to operational reporting, analytics and data visualization. Designed for business users, CarbonBI provides the ability to create and modify operational reports, add analytics such as time series for comparisons and produce and share dashboards and mashboards. This is all accomplished in one flow, with one user interface. We call this Flow Intelligence which reflects how users prefer to interact with their data.

CarbonBI is engineered to be open, enabling data to be sourced from any relational database or application. Data can also be aggregated from multiple data sources and visualized in a mashboard, or personalized dashboard. Users can also output data into many different formats such as PDF, XML, and MS Excel as well as interact with reports and mashboards on Mobile devices. Design it once and use it in multiple ways.

CarbonBI can be deployed in the Cloud or on-premise. The Cloud option is safe and secure, however, if preferred, data can remain on-premise and only metadata will be in transit. The component nature of CarbonBI allows for several configuration options.

THE FOLLOWING COMPONENTS ARE INCLUDED WITH THE CARBONBI SERVER

CARBON KNOWLEDGE ENGINE (CKE)

CKE is the core component, managing the target data sources, generating and managing metadata (reporting objects), managing the analytical engine as well as enforcing security rules. BI tools require the setup of a functional or "semantic" reporting layer. CKE simplifies this effort, employing advanced techniques to eliminate the requirement for mapping fields as facts, dimensions and metrics.

CARBON REPORT CENTRAL (CRC)

CRC is the primary user interface. Within CRC, users interact with their data, creating or modifying operational reports, leveraging analytics, as well as producing visualizations of their data. While this can be done in a continuous, logical flow, it is not a fixed flow. If reports or visualizations do not produce the expected results, these can easily be modified in any order.

CARBON MASHBOARDS

Mashboards are visualizations, similar to dashboards. With mashboards, users can bring data into a dashboard from multiple data sources. On one mashboard, a user could view financial data from an ERP system, sales data from a CRM system, and headcount data from an HRMS system. Up to four different data sets can viewed on a single mashboard.

CARBON REPORT SCHEDULER (CRS)

For resource intensive reports or reports that are regularly utilized, CRS provides an integrated report scheduler that can be initiated directly by the business user. Reports can be scheduled to run "off hours" if required or just prior to regular meetings, so that everyone in attendance has the same information – one source of the truth. If multiple users request the same report, Carbon will amalgamate the requests and run it once, so that everyone gets the same data.

CARBON ADMIN CENTRAL (CAC)

CAC is designed for administrators and provides overall solution governance. This is where security rules are defined, by roles, down to the row and column levels where required. All major security protocols are supported such as LDAP and Kerberos. Performance tools are also provided to monitor and tune the Carbon server.

CARBON BUSINESS GLOSSARY

The business glossary is similar to a help file and provides business reporting definitions and search relevant data from all data sources being utilized. It is used as a reference tool for experienced users and as a training tool for new users.

CarbonBI delivers rich functionality for business users at an unprecedented value point.
Implementation occurs in a few days with no requirement for hardware, software, or prerequisite data marts or warehouses.
For more information, go to www.carbonbi.com or email us at info.carbonbi.com.