plug bi
DATA LAKE BUILDER

Team Up to Build Your Enterprise Data Store

PlugBI Data Lake Builder *is the core service of the PlugBI platform that enables business and IT teams to work together to build and maintain the central repository ("PlugBI Business Data Lake") that houses all data for your PlugBI apps.*

Build Your Business Data Lake, No Skills Required

Working in agile mode, your IT staff and business teams with no technical expertise team up to build your company's central enterprise data store, pulling together data from multiple, heterogeneous systems.

Extract, Load and Transform (ELT)

The intuitive web interface supports extraction, loading, processing, organization, storage and use of all types of data, regardless of their format and source.

Reliance on "bulk" (i.e. with no hardwired relationships between different data sets) data storage, modeled after Data Lake concepts, eliminates the need for contributors to have any knowledge of database principles.

Available as Software or Platform-as-a-Service

Depending on your needs, the PlugBI platform is available as traditional "installable" on-premises or private cloud software (PlugBI Enterprise) and as an elastic cloud-based Platform-as-Service (PlugBI Cloud).

Enterprise Scalability

Whether you choose to deploy your PlugBI system in house or take advantage of the PlugBI Cloud solution, our Big Data architecture lets you handle virtually unlimited data volumes at peak performance.

Your Choice of Database Technology

PlugBI Enterprise customers may choose to house their PlugBI Business Data Lake in their preferred relational database including: Microsoft SQL Server, Oracle Database, PostgreSQL and Oracle MySQL. Specific data sets, or the entirety of the data lake can also remain in their source system and virtualized in the PlugBI Business Data Lake.

For companies with Big Data requirements, the PlugBI Business Data Lake may also reside in popular NoSQL databases that include Hadoop, HBase, Cassandra, MangoDB and QuasarDB.

"Rather than adapting our organization to a conventional packaged application, we opted for PlugBI. Our business is more successful and more streamlined because of PlugBI."

Director of Financial Control at Fortune 500 Mutual Insurance Company

PlugBI Cloud business data lakes run on a Hadoop cluster.

Regardless of your deployment (PaaS or on premises) and database technology choices, PlugBI supports mission critical enterprise web apps with full data integrity, with the PlugBI platform ensuring all transactions written to in-memory PlugBI Business Views are relayed in real-time into the underlying PlugBI Business Data Lake's persistent store.

Software or Platform-as-a-Service

The PlugBI platform is available as traditional "installable" on-premises or private cloud software (PlugBI Enterprise) and as an elastic cloud-based Platform-as-Service (PlugBI Cloud).

Your apps developed in the cloud can rapidly be moved to an on-premises instance, and the opposite is possible as well.

PlugBI allows companies to enjoy the best of private, hybrid and public cloud architectures.

Hardware Requirements

While hardware requirements vary based on end user count and the volume of data in the PlugBI Business Data Lake, a typical recommended hardware set up for an on-premises PlugBI Enterprise instance is as follows:

o   Processor: **Core i3 or above**

o   Architecture: **64 bit**

o   RAM: **24 GB DDR3 ECC**

o   Disk: **depends on your PlugBI Business Data Lake size.**

o   Server network card: **10 Gbps**

Key Features

1. Extraction
2. Loading
3. Transformation
4. Repository
5. Formulas and script
6. Quality assurance and auditing
7. Scheduler
8. Connectors for .XLS, .XLSX,TXT,CSV,BIN, RDBMS, NoSQL, custom connectors.

Key Benefits

- Business teams with no technical skills build and maintain your enterprise data store.

- Extract, load, process, organize and store all types of data, regardless of their format and source.

- Handle virtually unlimited data volumes.

- Deploy in house or via our Platform-as-a-Service offering.

- Store data where you want: your legacy source systems and/or your preferred relational or NoSQL data store.

p*b*i

plug bi