Organizations today can no longer wait months for a business intelligence (BI) project to be completed. Businesses need to be able to quickly prepare data to make it ready for BI and Analytics to support the real-time needs of the business. Traditionally, this process has required companies to manually build a data warehouse which is:

- **Too Slow** — labor- and time-intensive, requiring ETL developers to custom build the data warehouse with manual code. This work usually takes months to get up and running.

- **Too Expensive** — the sheer volume of work required to extract data from several source systems and integrate it to build a data warehouse requires a lot of cost-intensive man/development hours, along with additional expensive ETL products.

- **Too Inflexible** — manually-built data warehouses do not easily adapt to the ever-changing needs of the business nor can they meet their changing reporting requirements.

**Data Warehouse Automation Technology**

Data warehouse automation solves a great number of the above-mentioned development challenges. In place of the brittle, hand-coded and complex processes, Attunity Compose (formerly known as BIReady) overcomes the complexity with automation for less resources and cost.

**How does Attunity Compose work?**

Attunity Compose automatically designs, generates and populates enterprise data warehouses and data marts. It also adds data modeling and structuring capabilities inside the data warehouse. This helps with data warehousing by delivering information for near real-time analytics significantly faster than it takes using traditional complex, manual modelling methods.

Attunity Compose’s automated model-driven technology gives enterprises the power to save time and money by quickly turning metadata into streamlined data warehouse design. By supporting the entire lifecycle of data warehouses and data marts through agile automation, Attunity Compose helps to eliminate traditional costly ETL development resources. Now fast, easy data warehousing design and development is feasible for improved BI and analytics.

When changes to the data warehouse model are needed, they can be implemented automatically to grow and adapt data warehouses at the speed of business. Choose Attunity Compose to empower your team and design, generate and adapt - without limits.
Attunity Compose for Data Warehouse Automation

Attunity Compose is data warehousing automation software that designs and builds a data warehouse platform based on a business model. By leveraging industry best practices, Attunity Compose automates the complex process of modeling, implementation, operations, and maintenance of the data warehouse platform for BI and analytics projects that traditionally have been done manually. Those tasks span multiple stages in the lifecycle of the data warehouse, including:

» **Modeling**
  - Defining the data model as an Entity Relationship Diagram (ERD)
  - Identifying all data sources
  - Collecting business rules and defining KPI

» **Implementation**
  - Designing and creating a data staging area, data warehouse and data marts
  - Mapping sources to the target
  - Managing data extract, load and change data capture (CDC)
  - Defining data transformation rules
  - Building history
  - Guaranteeing data integrity
  - Testing

» **Operations**
  - Execution auditing
  - Monitoring data flow process
  - Lineage reporting

» **Maintenance** — repeating all the steps above when environments are changing, for example:
  - Business requirements
  - Organization
  - Applications and sources

Industry Experts Say:

"Attunity Compose accomplishes the many goals of ETL by automating much of the data warehouse design process and the generation of SQL code – something that the classic ETL model has never mastered. Unifying these strengths with existing Attunity technology will provide a modern platform that adds value for enterprises by making the process of delivering data and building a data warehouse seamless, efficient, and affordable."

— Bill Inmon
"Father of the Data Warehouse" and Co-founder of Forest Rim Technologies

SUPPORTED DATA WAREHOUSES INCLUDE:

» Teradata
» Oracle/Exadata
» IBM Netezza
» SQL Server
» MySQL

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About Attunity
Attunity Ltd. (NASDAQ: ATTU) is a leading provider of data optimization, automation and availability software solutions for efficient visibility, integration, and distribution of data across heterogeneous enterprise platforms and the cloud. More than 2,000 customers worldwide, including more than half of the Fortune 100 companies, rely on Attunity’s software to ensure their business-critical data is optimized and accessible when, where and how it is needed. More information can be found at www.attunity.com.

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