

iWay DataMigrator

Data sheet

Simplify, automate, and improve your data integration efforts

iWay DataMigrator dramatically simplifies data integration. It provides fast, flexible, end-to-end extract, transform, and load (ETL) process creation involving any data structure across disparate computer platforms. Designed for building, managing, and optimizing a modern enterprise data ecosystem, DataMigrator supports data access requirements associated with analytics, reporting, data management, and artificial intelligence within any environment – from the cloud to the mainframe.

Eliminate time spent manually coding ETL processes

Optimize reporting and analytics with 100 percent WebFOCUS compatibility

Automate data management and integration efforts

Consolidate data into a single data store for easy access

Optimize reporting and analytics with full WebFOCUS compatibility

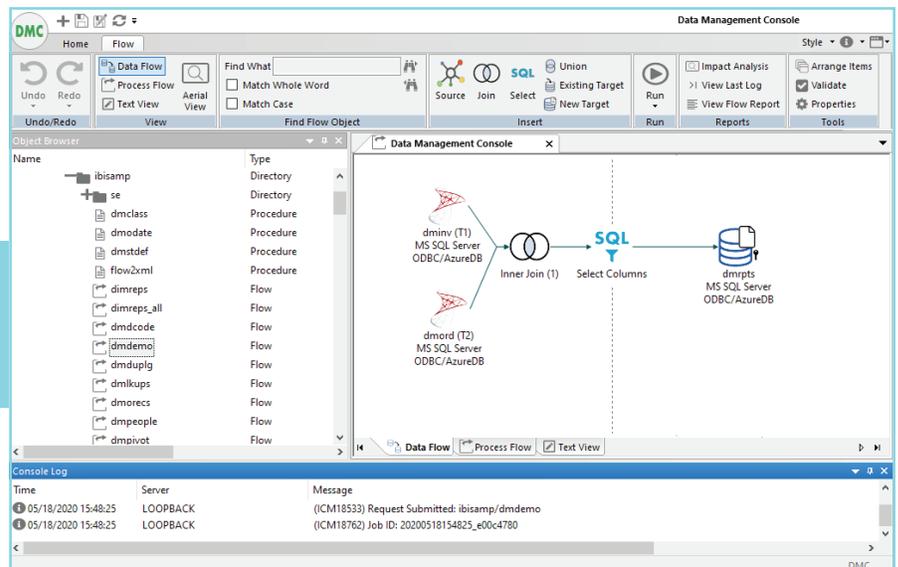
DataMigrator natively integrates with the ibi WebFOCUS analytics platform – using them together increases utility in data model creation, metadata construction, data lineage, impact analysis, and business view creation. It enables organizations to leverage and reuse SQL created with other products and to embed data flows easily. You can also reuse business logic across the product to reduce redundancy and cost, while increasing the productivity of ETL developers.

DataMigrator uses the same metadata layer as WebFOCUS, with tight integration and coupling, making it much easier and more cost-effective to create, extend, and maintain data warehouses than any other ETL vendor. If you are already using WebFOCUS, DataMigrator enables you to optimize your reporting and analytics environment and add new data sources with ease.

Accelerate digital transformation

DataMigrator supports your digital transformation initiatives by making it easy for you to access and use data from back- and front-office systems, digital platforms, and more.

The Data Management Console in iWay DataMigrator simplifies all of the major tasks required to build data flows and process flows, and create, manipulate, and access the metadata associated with those flows.

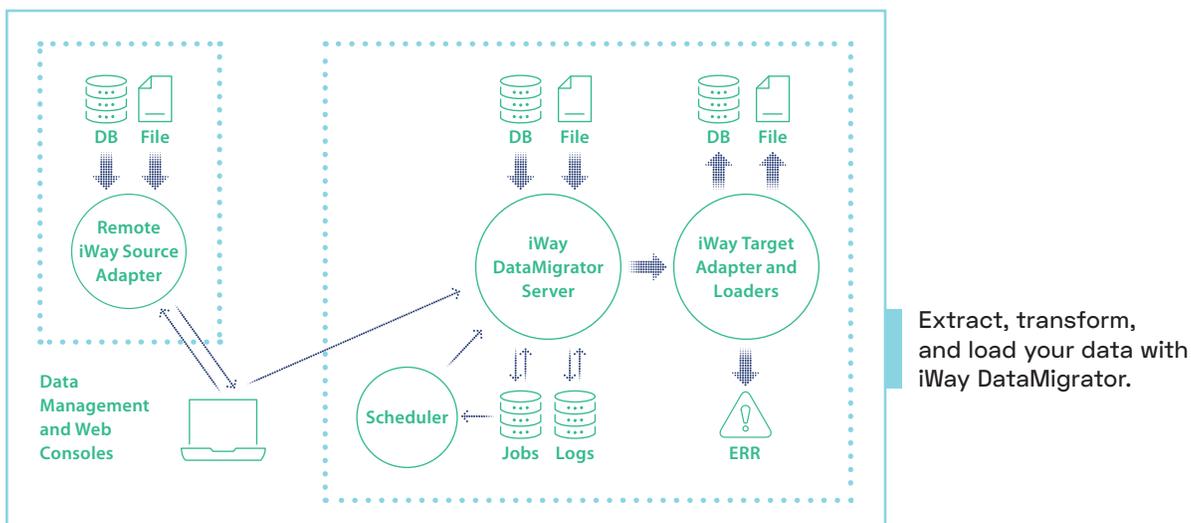


DataMigrator lets you:

- > Aggregate, join, merge, and apply selection criteria from any combination of on-premise or cloud data sources
- > Transform data to structures more suited for targeted data marts, data warehouses, and data lakes
- > Simplify loading of data from source to target through data flows, process flows, or the invocation of bulk loaders
- > Execute, schedule, review, manage, audit, and create dependencies from the console on Windows or any web browser

Access and join any data - anywhere

DataMigrator provides great reach and range by employing iWay adapters to provide seamless high-performance access to virtually any enterprise, cloud, or big data source. These include relational databases; files in XML, JSON, delimited, and other formats; RESTful Web Services; ERP and cloud-based systems; and Hadoop data sources and NoSQL databases. It leverages any ODBC or JDBC driver for additional data access.



Product features

DataMigrator's easy-to-use workbench streamlines and accelerates the creation and execution of ETL jobs. Features include:

- > **Data Profiling** provides analytics for individual columns or entire tables. It shows the number of rows, unique rows, patterns, and nulls. Drill-down reports show the unique values and patterns for alphanumeric columns and outliers for numeric columns
- > **Data Flow Designer** allows visual creation of joins, rapid table and column searches, dynamic error notification, and real-time request testing
- > **Process Flow Designer** simplifies the design of complex jobs, such as building large data warehouses with intricate load requirements, with a graphical tool. Users can fully control the execution of ETL requests based on a schedule defined by the administrator or dependent on the success or failure of previously executed requests
- > **Data Management Console** lets administrators and users easily review job statistics and drill down into job logs, review the job queue, start and stop servers and server processes, schedule jobs and configure email nodes, manage adapters and metadata, administer application directories, and create and edit scripts and user exits

- > **Change Data Capture (CDC)** transfers only changed records (inserted, updated, or deleted), increasing labor efficiency by requiring only a single data flow to be composed to handle both initial load and delta processing. This dramatically reduces processing time and CPU cycles and improves the timeliness of data moving into the data store. It supports all major relational databases (VSAM, DB2 on LUW, zOS and IBM i, ORACLE, MS SQL Server Enterprise, MySQL, MariaDB, and coming soon PostgreSQL)
- > **Support for Star Schemas and Slowly Changing Dimensions** helps to identify the usage of each column in a dimension table, surrogate and natural keys, current flag and/or begin/end dates, and Type I or Type II processing. A process flow can load dimension tables in parallel followed by the fact table load
- > **Data Source Transparency** makes all sources accessed by the servers on your network appear as a set of relational tables, easing cross-platform, multiple-database extractions and joins even for legacy, cube, and other non-relational data

Glossary of terms

ERP – Enterprise Resource Planning

ETL – Extract, Transform and Load

JDBC – Java Database Connectivity

JSON – JavaScript Object Notation

ODBC – Open Database Connectivity

XML – Extensible Markup Language

About ibi

ibi is a data and analytics company that embeds intelligence into — everything. From the beginning, ibi has known the importance of data and insights to make better decisions. We help organizations get their complex and disconnected data in order, so they can build, embed, and automate intelligence into everything they do. By preparing organizations for the future and turning them into builders – information builders – everyone can use enterprise trusted data at scale to drive their growth. Whether our customers use pre-built applications or build their own solutions for their data and analytics challenges, ibi powers their innovation and reinvention. ibi's open platform and industry-specific building blocks accelerate speed to market, improve operational efficiency, and enhance their customers' experience.

ibi. build a better future.

Request a demo

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