

bryteflow[®]

For **SAP**[®]



**BRYTEFLOW LIBERATES SAP OBJECTS INTO USABLE MODELS
AND ASSETS ON SCALABLE AMAZON DATA LAKES**

KEY FEATURES

- Zero impact on SAP sources
- Remodeling data
- Typecasting
- Near real-time replication
- Click-to-extract
- Catch-up from network dropout
- Masking and tokenization
- Time-scale history
- Reconciliation dashboard
- Replication of complex data and data models
- No need to change SAP installation
- Partition tables

BENEFITS

- Guaranteed usable data
- High availability and reduced risk
- Secure data
- Retain more raw/historic data at a lower cost
- High concurrency
- Liberate and leverage SAP data
- Complex made simple
- Organize data analytically

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At the current pace of innovation and customer intimacy, organizations are looking to experiment and correlate data assets spread across the organization as well as 3rd party data. The holy grail is to anticipate customer desires and provide the right products/services at the crucial moments. Organizations are beginning to unleash machine learning algorithms and AI on their data assets. These innovative techniques are predicated on having frictionless access to streams of data including the wealth of data that is locked in SAP system.

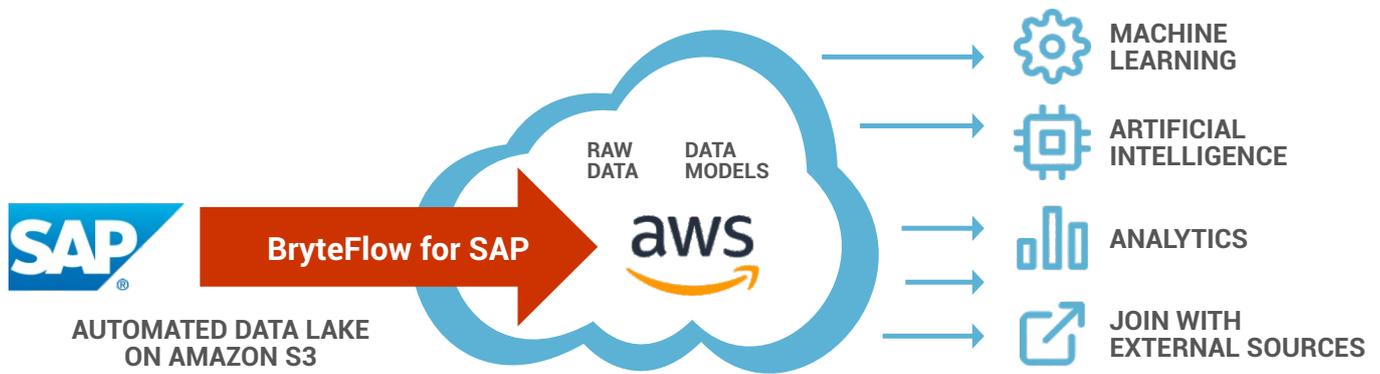
BryteFlow for SAP eliminates barriers to analyzing data from SAP by liberating transaction data into a cost-effective and scalable data lake on Amazon S3. This enables the concurrency of queries from a wider community of users and increases the value of SAP.

Understandable and usable SAP data in Amazon S3 data lake

Analysts can extract data from a full range of SAP Modules. Analytic data assets can be easily created from the SAP source object. During the extraction process, data formats are converted on the fly, for example dates stored in character and decimal formats are converted to correct date formats. Data types like GUID are converted effortlessly.

Click-to-access SAP data

Quickly get started on big data initiatives without the need to change current SAP installation. Analysts can self-serve and fast-track their data workflow by using a point-and-click interface to granularly select the required SAP tables for blending with non-SAP data.



Zero impact on SAP source

Typically SAP tables are very large, in the Terabytes range, BryteFlow for SAP can replicate large tables with zero-impact on source systems by partitioning the tables.

Remodeling data to make it consumable

BryteFlow for SAP can replicate complex data and data modules by remodeling the data into analytical data formats. This makes the data usable outside of an SAP environment.

Near real-time replication

With frequent incremental extractions, compression and parallel streams, data is constantly kept up-to-date and available to enable real-time analytics.

SQL workbench to blend data sources

An easy to use drag-and-drop workbench delivers a codeless development environment to build complex SQL jobs and dependencies across SAP and non-SAP data.

Automatic catch-up from network dropout

In the event of a system outage or lost connectivity, BryteFlow for SAP has a catch-up mode. This can identify when the interruption occurred and reprocess the changes. A diagnostic capability can also understand when a connection is lost and automatically attempts to restore connectivity.

Time-scale history

BryteFlow for SAP provides out-of-the-box options to maintain the full history of every transaction from SAP to Amazon S3.

Monitoring dashboard

BryteFlow for SAP displays various dashboards and statistics to stay informed on the extraction process as well as reconciling differences between source and target data.

Masking and tokenization

BryteFlow for SAP provides enterprise grade security to mask, tokenize or exclude sensitive data from the data extraction process.

Metadata Management

With Bryteflow, users can leverage a Google-like interface to search and explore data sets. Bryteflow automatically tags key data attributes and structures into an AWS Data catalogue that can be accessed directly by end users or third party tools / applications.

ABOUT BRYTE

Bryte provides an out-of-the-box software driven approach to help enterprises build high performance cloud Data Lakes and Analytics Environments. Our company mission is to make Data Access, Innovation and Analytics more pervasive, cost effective and easier than ever before by blending together the latest in innovative cloud, business intelligence and data liberation technologies. We are recognized by our clients for world class expertise with Amazon Web Services, Real Time Data Lakes and Software Driven Automation.