Risk-Free Migration of any ETL to Azure Data Factory

Bitwise Automated ETL Conversion Solution

bitwise

Microsoft Azure

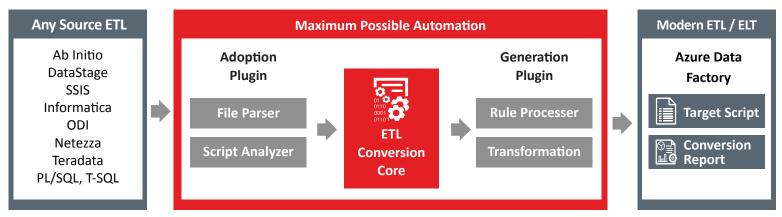## Addressing Data Warehouse Modernization Challenges

For organizations modernizing data and analytics on Azure, one of the most challenging aspects of migrating your traditional data warehouse to a cloud data lake architecture is converting your on-premise ETL jobs to Azure Data Factory (ADF). Many organizations attempt to convert the ETL code manually, but due to ETL complexity manual conversion typically takes longer than expected which can delay or even derail a migration initiative.

When migrating any on-premise ETL to ADF, having a clear, up-front time and cost estimate is key to gaining stakeholder buy-in, minimizing risk and achieving defined milestones to accelerate time-to-market. Bitwise, a Microsoft Gold Partner, helps accelerate such initiatives by solving the most challenging part of migrating your on-premise ETL jobs to ADF using automated conversion.

Why Bitwise for Your ETL Migration Initiative

- With our ETL Converter solution, we typically reduce ETL migration project timelines by 40-50% and reduce costs by 30-40% versus doing it manually.
- Risk-free migration with upfront fixed time and cost – Bitwise commits to delivering optimized and fully unit tested code.
- Ability to convert any legacy ETL including Ab Initio, DataStage, Informatica, ODI and SSIS or any stored procedures such as PL/SQL and T-SQL to ADF.

Bitwise ETL Converter Solution…an easier way to migrate

Any Source ETL	Maximum Possible Automation			Modern ETL / ELT
Ab Initio DataStage SSIS Informatica ODI Netezza Teradata PL/SQL, T-SQL	**Adoption Plugin** File Parser Script Analyzer	**ETL Conversion Core**	**Generation Plugin** Rule Processer Transformation	**Azure Data Factory** Target Script Conversion Report

Bitwise conversion team works closely with ADF product team to ensure seamless features and functionality. Together, Bitwise and Microsoft provide an optimal solution for helping move from traditional data warehouse systems to Azure.

Microsoft Partner

Gold Data Analytics
Gold Application Development
Gold Collaboration and Content

Microsoft

Key Benefits of ETL Converter Solution

- Adoptable to specific ADF coding standards and best practices based on client needs.

- Generates Metadata and able to export in any format.

- Proactive identification of areas needing workarounds through Conversion Report.

- Flexible to changes in the ETL landscape.

- Customizable to discover common code patterns within the client's Source ETL & ADF environment for accelerated conversion.

Efficiently Move On-Premise Data to Azure

In addition to ETL migration, organizations modernizing their data warehouse on the cloud need to plan for migrating on-premise data. Our Cloud Data Migration Framework provides an end-to-end migration approach that complements Microsoft's Azure SQL Server Migration Service with enhanced capabilities such as Data Validation and Change Data Capture.

Bitwise Cloud Data Migration Framework

- Ensure accuracy of migrated data

- Accelerate migration with reduced time and effort

- Migrate data from on-premise systems like SQL Server, Oracle, MySQL, PostgreSQL and DB2

- Delivers a holistic migration solution in combination with ETL Converter

Bitwise Added Value for Your Migration Initiatives		
Microsoft Gold Partner	**ETL Migration Partner**	**ECIF Partner**
• Data Analytics	Closely aligned to ADF product	Registered and approved for Microsoft
• Application Development	team to support your journey	End Customer Investment Funds for
• Collaboration and Content	to Azure	qualified projects

About Bitwise

Bitwise delivers technology solutions that leverage data to enable business insights. By deploying our breakthrough technology innovations, we help our global clients maximize their competitive advantage. We are the industry's most experienced and dedicated team of data professionals, focusing on Data Warehousing, Business Intelligence, Analytics, Big Data, Cloud Computing, QA Testing and Web/Mobile Application Development. We optimize value for our clients through our global-delivery model and with our proprietary technology tools that reduce the time, complexity, and cost of data initiatives. Together, our people and technology provide the insights clients need to continue to lead their fields. Bitwise is headquartered in Chicago, USA with office London, UK and delivery centers in Pune, India.

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