MSBI FastTrack
Automated SSIS Package Generation

ELAIT

Empowering your data
Empowering your business

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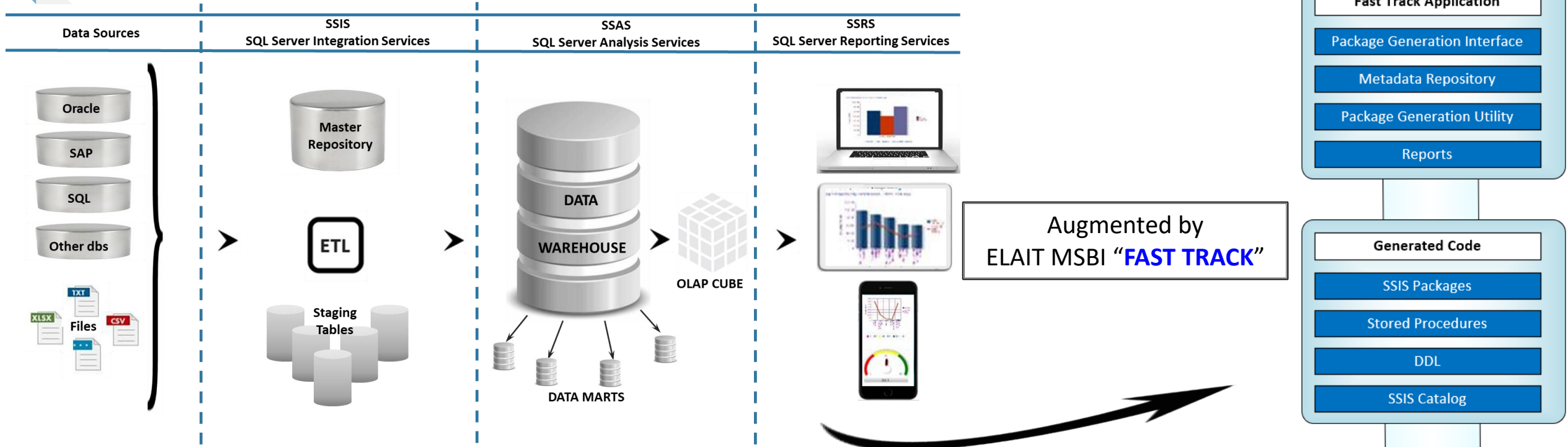# MSBI Fast Track – Implementation Accelerator

Most organizations struggle to prepare and use their valuable data for the intended purpose resulting in inflated TCO due to non-optimal DWH practices.

Automated creation of SSIS Packages to expedite project delivery, increase productivity, apply industry best practices and reduce TCO. Bulk package generation allows 100s Of SSIS-Packages to be generated, deployed, checked into Azure DevOps and executed within an hour.

Elait has created MSBI Fast Track application to metadata drive the generation of single or multiple SSIS Packages exposing comprehensive functionality and leveraging industry best practices without handcrafting SSIS Packages.

• This fast tracks migrations to SQL Server Platforms, escalates Project delivery, reduces risk, cuts costs via substantial reductions in code build and test timings to expedite time to market.
• It guarantees reliable adherence to best practices and consistency of build. End to End Data Lineage is available with full audit of data sources, data destinations and transformations throughout the data journey.
• Since there is no manual creation of SSIS Packages, developers are freed up for more productive activities
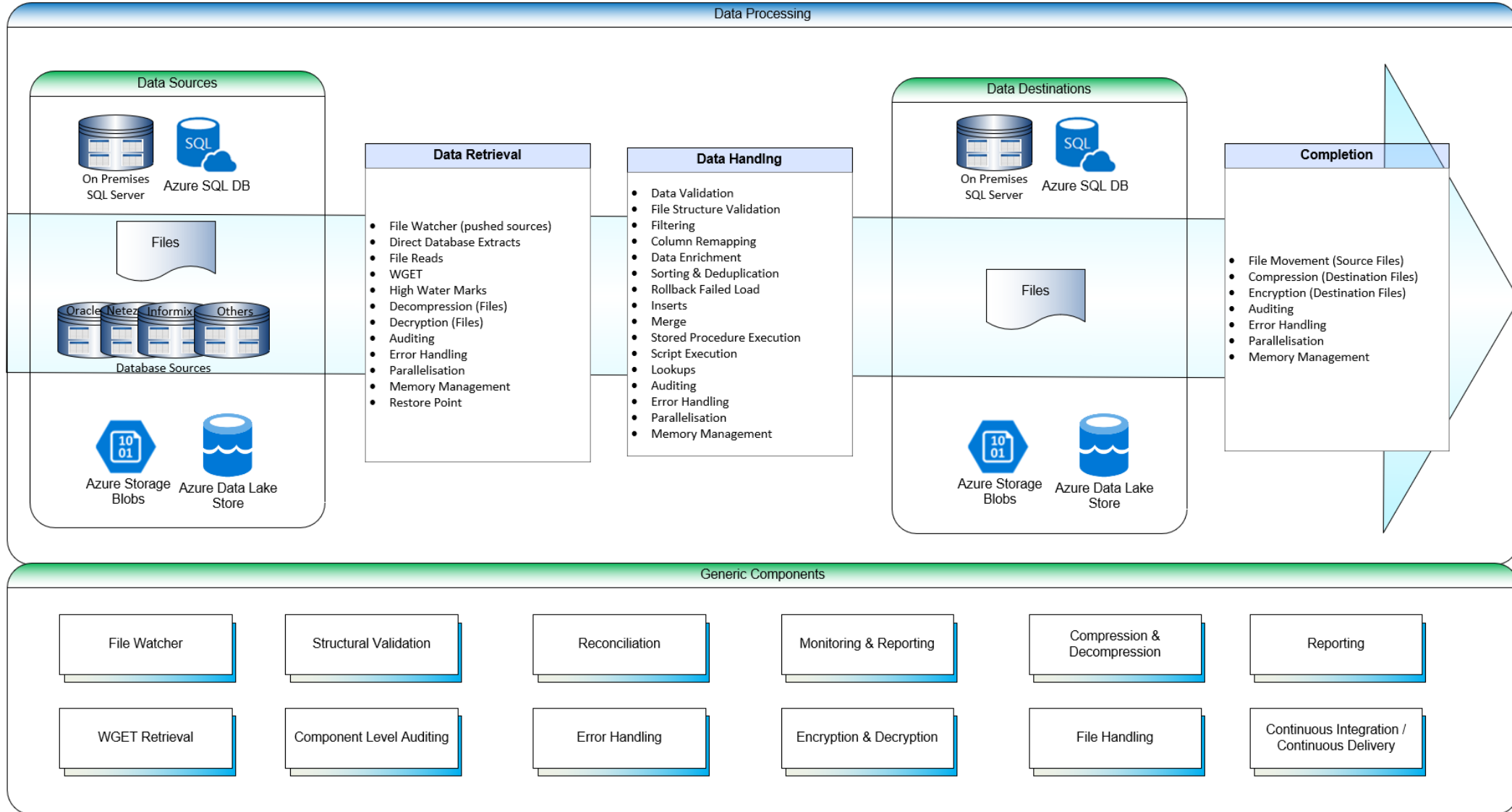
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Data Sources	SSIS SQL Server Integration Services	SSAS SQL Server Analysis Services	SSRS SQL Server Reporting Services

Oracle

SAP

SQL

Other dbs

Files (TXT, XLSX, CSV)

Master Repository

ETL

Staging Tables

DATA WAREHOUSE

OLAP CUBE

DATA MARTS

Augmented by
ELAIT MSBI "**FAST TRACK**"

Fast Track Application
- Package Generation Interface
- Metadata Repository
- Package Generation Utility
- Reports

Generated Code
- SSIS Packages
- Stored Procedures
- DDL
- SSIS Catalog

Client Case Study

The legacy estate compromised 2 competitive DWHs and the complex data integration patterns resulted in conflicting and contradictory information impacting reliable decision making, business strategy, and data confidence. Elait contributed to the architecture of the new DWH, provided technical standards and best practices for the new DWH, built DWH automation & **leveraged MSBI FastTrack as part of implementation**.

Frameworks
- Processing Utilities
- CI/CD
- Audit, Balance, Control
- Monitoring & Alerting

Automated Implementation
- Visual Studio Project
- Azure DevOps Repostory
- SSIS Catalog Deployment
- Automated Testing

Functional Overview

Exposes comprehensive functionality, defined processing patterns, source and destination datasets.

FAST TRACK

FastTrack is a set of frameworks and generic code which generate SSIS packages using user metadata

- Metadata driven code to configure extracts from any SQL Server data source & generates generic code
- Adherence to published SSIS Standards and Best Practices
- Reusable library components

Benefits

- Performance Optimized
- Data Lineage
- Reduced TCO
- Faster & Assured Implementation
- Repeatable & Easily Maintainable

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Thank You

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