Case Study
Data Warehouse Migration from SAS to Synapse

Customer Profile

EU headquartered leading life and non-life insurance company

€ 6.6+ Bn
Revenue

4,400+
Employees worldwide

Challenges

- Current SAS data warehouse not scalable for future requirement of business

- Multiple processes on disparate systems (SAS DI and SQL Sever Integration Service) lacking synergy

- Usage peaks at closing times, Lack of access to data by business

- Minimizing downtime for migration with minimal disruption to business

Solution

- Hexaware's AMAZE for Data & AI platform to do automated assessment and migration of existing 2200+ SAS DI & SQL Sever Integration Service ETL jobs to ADF

- ADF will ingest data into Azure Synapse DW for reporting and analysis

- Hexaware's AMAZE for Data & AI will provide following lever in migration
    - Azure native approach to architecture
    - Automation led migration & validation
    - Pilot based execution

50%
Faster
Reduced timeline in assessment

3x
Better
Factory model to ensure consistency and reduce risk

40-50%
Cost-Effective
Total Cost of Ownership Reduction

Case Study
Data Warehouse Migration from SQL Server to Synapse

Customer Profile

EU leading provider of Waste Management and Resource Recovery.

£350 Mn
Revenue

1500+
Employees worldwide

Challenges

- **Slow time to market:** Disparate IT states of combined entities slowed down data ingestion & analysis, hence required considerable manual interference

- **Absence of an ergonomic solution:** Quick fixes were addressing the same needs and overheads without impacting the economies of scale.

- **High migration cost:** In absence of a planned migration framework, manual migration was both risky and expensive

- **High TCO:** Separate Data Warehousing landscapes meant exorbitant server and licensing costs.

Solution

- Consolidation & Re-architecting entire Data Warehouse landscape to Synapse using **AMAZE™ for Data & AI** helped optimize the process and **shortened the time to market**

- We performed source data discovery, analysed target DW & built self-service visualization capabilities using our migration framework while ensuring **zero data loss**

- Eliminated multiple **server & software licensing costs** for each business unit across data store, pipeline & visualization.

- By migrating to Synapse, ADF & Power BI, we were able to **optimize TCO** of Data Warehouse & Analytics landscape

Benefits

60%
Faster
Time to Market Improvement

50-80%
Better
Automation while migrating data, data pipeline & data visualization

50%
Cheaper
Total Cost of Ownership Reduction

Case Study
Data Warehouse Migration from Exadata to Synapse

Customer Profile

US headquartered
Biopharmaceutical Enterprise

$2.5 Bn
Revenue

20,000+
Employees
worldwide

Challenges

- **Slow time to market:** Real time data ingestion wasn't possible from current DW and analytics landscape required considerable manual interference & ops overheads.

- **Absence of secure migration framework:** Customer wanted accelerated and secured migration to cloud with minimal downtime and cost overruns

- **High migration cost:** In absence of a planned migration framework, manual migration was both risky and expensive

- **High TCO:** Storage & processing of IoT data generated from clinical trials & research was proving to be extremely expensive on Exadata

Solution

- Automated analysis and conversion coupled with our subject matter expertise helped optimize the process, which in turn **shortened the time to market**

- We delivered consistent quality & cost savings with our repeatable migration framework and executed **secured data migration, with zero data loss**

- Zero license cost & high automation level across data, pipeline & visualization **reduced migration cost** significantly.

- Using Oracle Exadata to Azure Synapse analytics, we were able to **optimize the TCO** of Data Warehouse & Analytics landscape

Benefits

60%
Faster
Time to Market
Improvement

50-80%
Better
Automation while migrating data, data pipeline & data visualization

45%
Cheaper
Total Cost of Ownership
Reduction