

CASE STUDY

From High-Risk to On-Time Go-Live Accelerating Data Migration

Rescuing a failing migration programme with a secure, auditable data migration to a modern data platform, for a global gaming company operating under strict regulation

97%

End-to-End Time Reduction

8 Months

To a Go-Live-Ready Plan B

**Oracle +
WhereScape**

Platform Stack

THE CLIENT

High Stakes in a Highly Regulated Industry

Operating within a highly regulated environment, our client manages data at significant scale, where processing accuracy and timeliness are not optional. With exposure to regulatory fines of between £1 million and £6 million per day in the gaming industry, performance and integrity carried severe commercial consequences. The client was already engaged in an active migration programme (Plan A) when deep-rooted issues threatened delivery. Engaging Data was brought in to design and deliver an alternative path: a contingency (Plan B) running in parallel, ready to take over if Plan A could not deliver on time or meet requirements.

"The successful data migration and collaborative approach between teams were critical in enabling us to go live smoothly and ensuring our business could transition with confidence."

Project Manager, Global Gaming Company

INDUSTRY

Gaming

LOCATION

Global

FOCUS

End-to-End Data Migration

THE CHALLENGE

A high-stakes migration, constrained on every side

Weekly end-to-end processing times were unacceptable and significantly impacted delivery timelines.

Slow, fragile pipelines created systemic risk: every failure forced a full restart from day one.

Transformation changes were not audited, with no reliable way to trace data lineage or validate logic.

Heavy dependence on manual processes and ad hoc scheduling left pipelines exposed to human error.

Legacy code and fragmented tooling were generating compounding technical debt with no clear path to resolution.

Plan A had no scalability designed in, limiting its ability to grow and adapt to the data.

THE JOURNEY

A structured, three-phase migration, delivered at speed

1

Discovery

- Ran workshops to review the existing solution and data architecture, with no documentation to lean on
- Mapped data flows and extracted transformation logic before writing a single line of code
- Captured the business processes behind the data
- Presented a detailed migration, performance and testing plan, signed off before any activity began

2

Development

- Securely extracted raw data via FTP, loading an exact, fully auditable copy into the client's Oracle appliance
- Built the transformation layer in dedicated stage tables: structure, business rules and validation
- Tuned Oracle performance: parallel execution, indexing and query optimisation
- Ran multiple pipelines concurrently with WhereScape ELT, changes turned around in hours, not weeks

3

Delivery

- Rigorous multi-layered testing: end-to-end processing, performance benchmarks, integrity and regression
- Handed datasets to the client's business team for accuracy testing and sign-off
- Confirmed the full end-to-end run: secure, efficient, source to target
- Delivered comprehensive documentation: table definitions, transformation logic and lineage diagrams

THE TRANSFORMATION

From fragile and opaque to performant, auditable and future-ready

BEFORE

Fragile, week-long data processing requiring full restarts on each failure. Legacy code, brittle pipelines, manual scheduling, no auditability, mounting technical debt.

AFTER

Resilient, optimised pipelines with a 97% reduction in end-to-end processing time and restart-from-failure capability. Full data lineage and audit trail, automated scheduling, clean and scalable architecture under version control.

97%

End-to-End Time
Reduction

8 Months

Delivery vs 2 Years on
Plan A

Zero

Post-Migration Issues

Full

Audit-Readiness From
Day One

Zero

Technical Debt
Remaining

READY TO TRANSFORM?

Let's modernise your data estate

By deploying WhereScape Automation and a structured ELT methodology, Engaging Data delivered a high-velocity, compliance-first Oracle data migration, a Plan B that gave our client the confidence to go live on time. Technical debt eliminated, full auditability established, and processing performance transformed, all under the pressure of a live regulatory programme.