

Data Migration by binary10.

Seamless · Proven · Reliable



Introduction.

Data migration projects come in all shapes and sizes, from ERP implementations and SaaS transitions to legacy system replacements and complex data consolidation across large organisations.

Since 2018, binary10 has specialised in delivering data migrations for complex environments, applying a proven methodology that recognises migration is never just about the data.

We take a strategy-first approach. Going beyond ETL to focus on people, processes, and data quality - ensuring accurate timelines, reduced risk, and successful outcomes.

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Why we're skilled in data migration.

At binary10, we're a team of dedicated specialists focused exclusively on data services. With decades of combined experience and a strong understanding of the people behind the data, we help organisations achieve long-term success on time, with confidence, and beyond expectations.

Over the years, this approach has been refined, enabling the team to handle projects of varying scales and complexities successfully. Delivering large-scale data projects, we have honed data strategies and management techniques capable of delivering projects of all scales and complexities, across a wide variety of sectors, systems and technologies, ultimately leading to the creation of the binary10 methodology.

Key advantages.



decades of combined experience



Strategy first methodology



Proven, repeatable process



Balanced people & technical focus

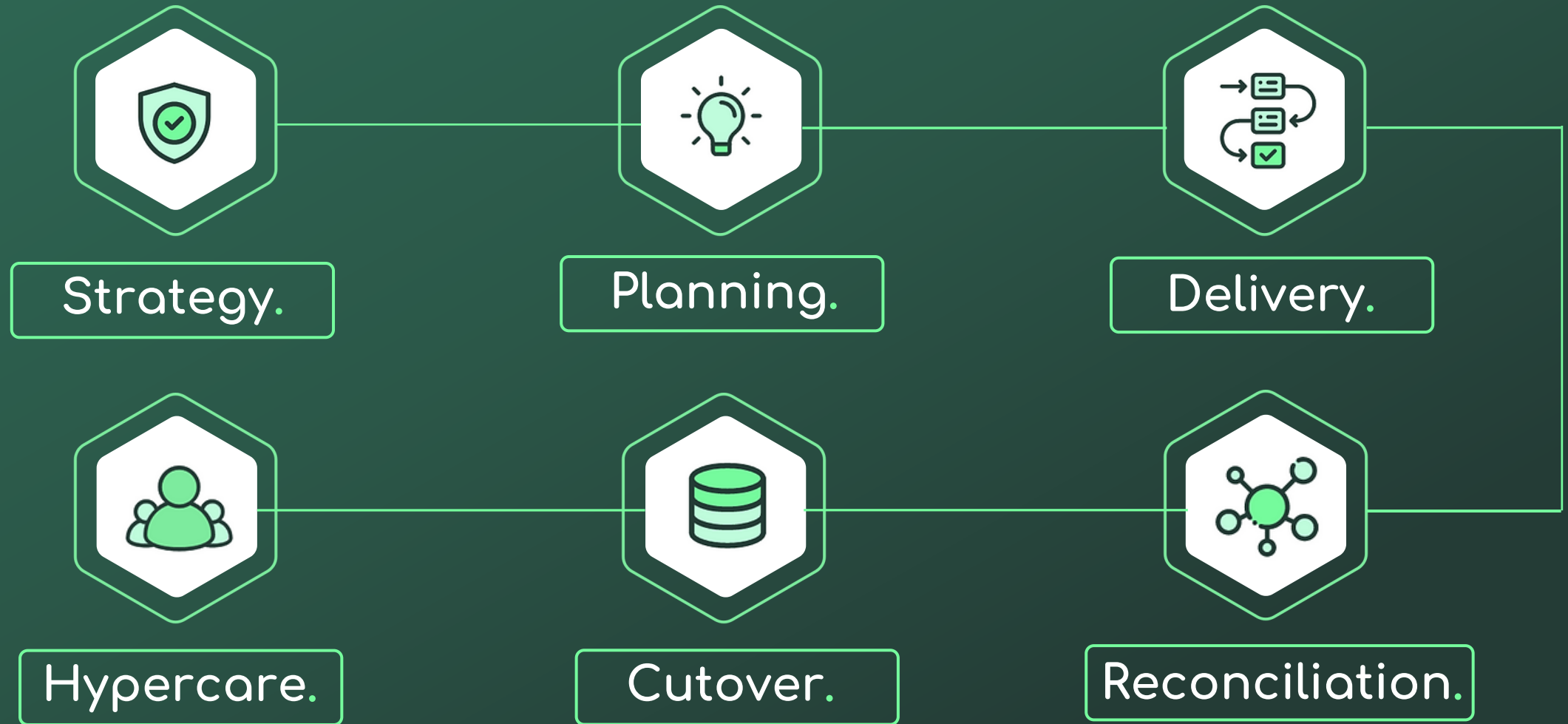


Trusted Across Complex Projects



Client-centric partnership

Data migration **process.**

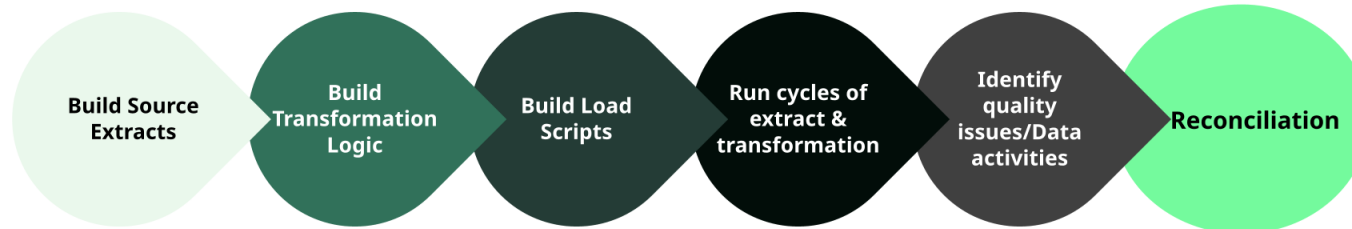
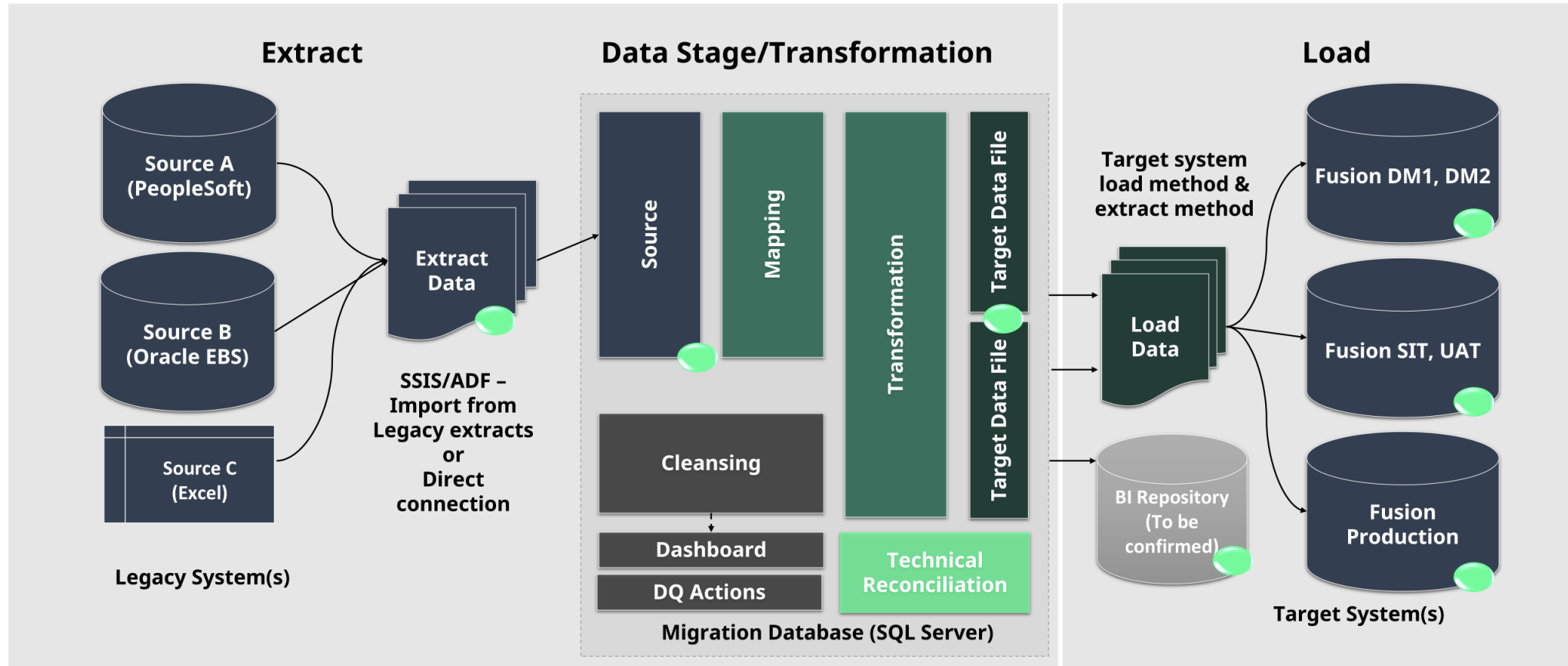


Data migration services overview.



Technical ETL Landscape and the Data Migration Database

(illustrative systems)



● = Reconciliation point

Data Cleansing and Enrichment.



Data Cleansing.

This section is where we detail any data cleansing requirements above standard cleansing that is required as part of the technical load process, i.e. new naming conventions, mappings and IDs, etc. The key precedence to set is that any data cleansing required is performed against the legacy system(s) where possible. Focus must always be on delivering the minimum requirement to succeed, and therefore, some cleansing requirements may be deferred if impacting delivery. **The prioritisation of data cleansing tasks is key to ensuring delivery and improving data quality efficiently.**

Data Enrichment.



This is where we identify if any additional data is required by the target system beyond what currently exists in source systems. This may be driven by target system mandatory fields or new business process requirements. The data migration database can consume newly generated data and apply it as required to target systems, but the gathering of data needs to be defined with ownership.

Data Quality Profiling

- If adequate Data Governance and specifically formal data policies are in place within the organisation, then data quality profiling can commence to identify data that is failing these policies and requires cleansing. The data migration database will be used to carry out the data profiling.
- To be introduced as early as possible – even before the commencement of DM activity to get a head start on the level of Cleansing required so that cleansing of data can be completed sufficiently as part of the migration activity.
- The DM database will be used to support both Data Migration activity and Data Cleansing profiling & Data Enrichment storage

Define Quality Measures

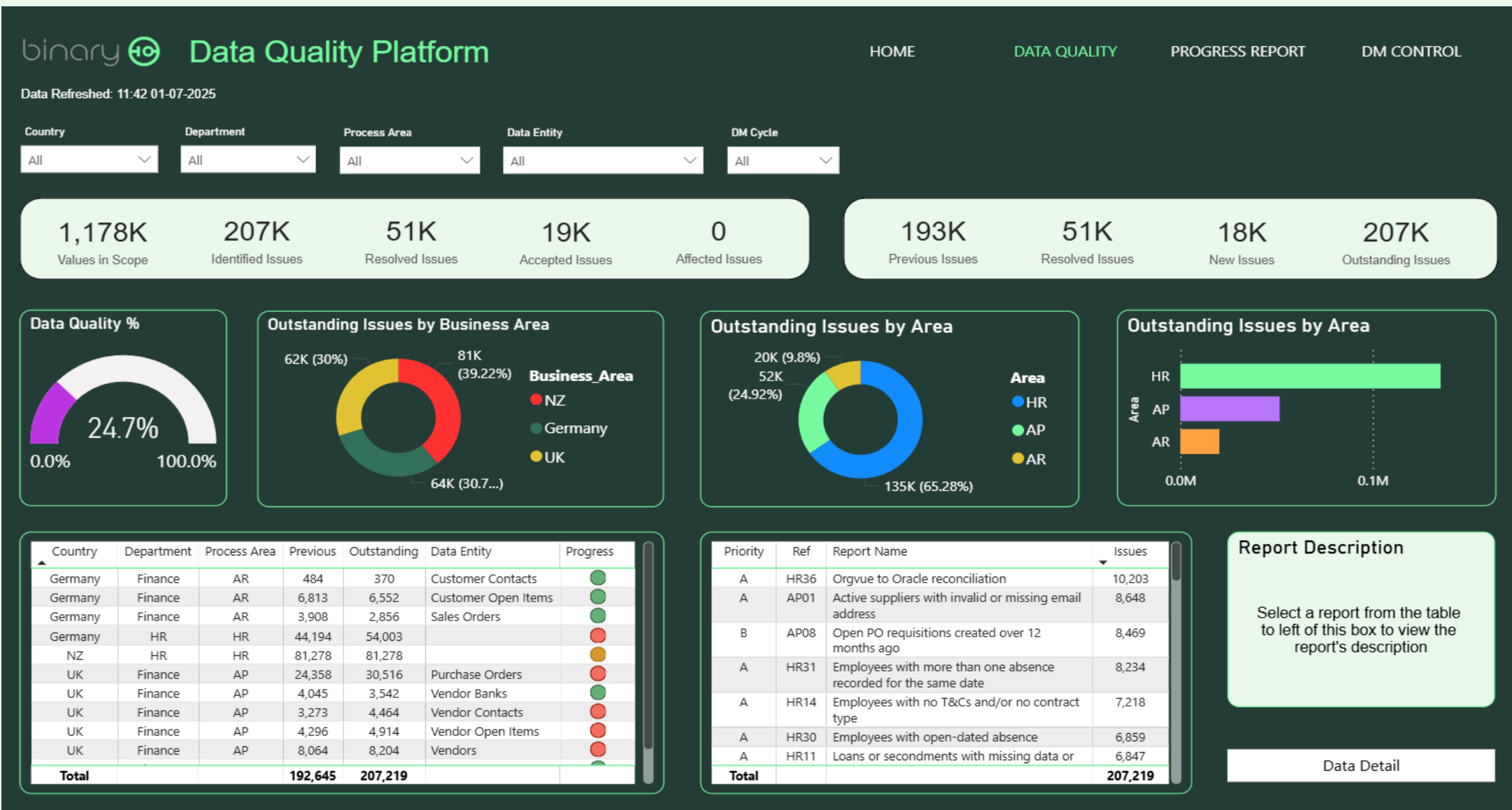
Profile Data

Define cleanse
plan

Cleanse Data

Data Cleansing

Example Data Quality Dashboard



Reconciliation approach.



Data Reconciliation

“Data Reconciliation is the task of validating that the data has moved from its source system to the target system correctly (including approved business rules, mappings and data validations applied).”

Technical Reconciliation is achieved by the Data Migration workstream in validating the data volumes of each DM entity in scope and proving those counts have matched from source to target.

Business Reconciliation is achieved by supporting data & process owners in validating the data has migrated as expected using report/extract comparisons e.g. Trial Balance reports to validate GL Transactions and the CoA mapping. Data spot checking is also a recommended approach.

Specific Reconciliations, such as Payroll Comparison Testing alongside UAT, can be used to ensure that testing proves processes run successfully with migrated data.

Target

To enter cutover and go-live we must:

Technically Reconcile all data



Business Reconcile all data



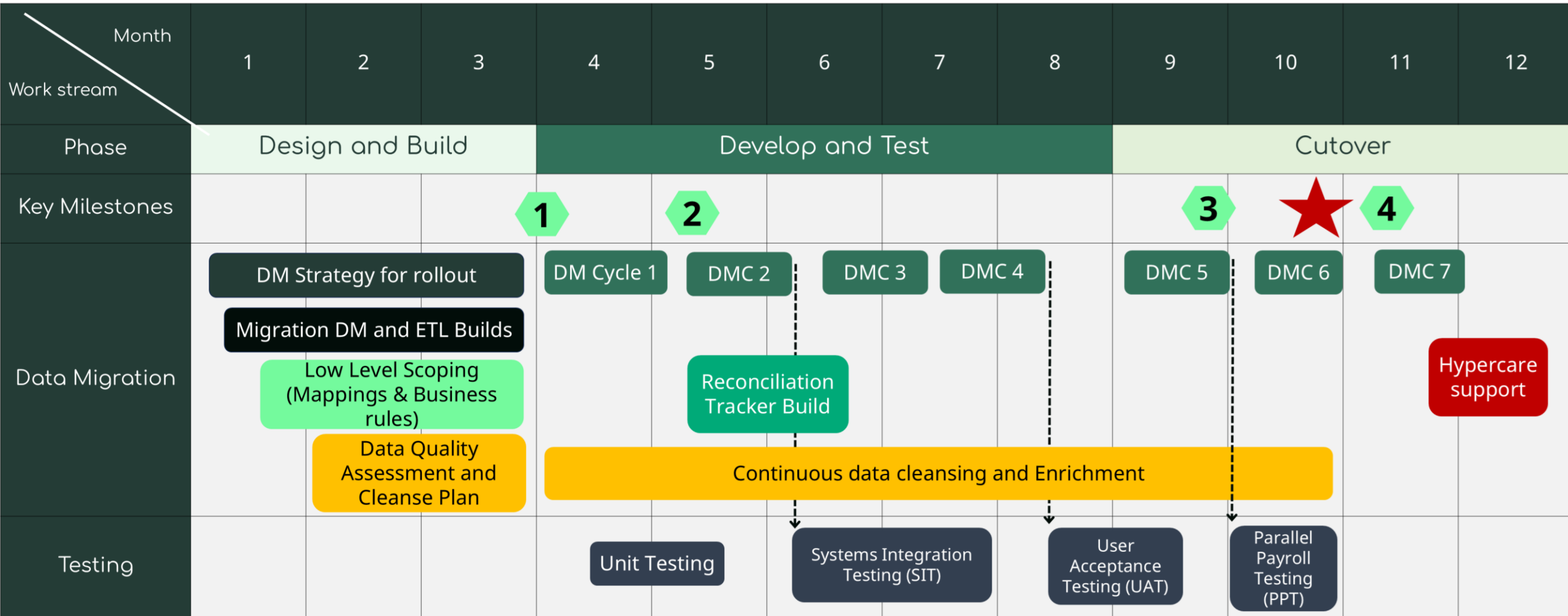
Pass UAT, Pension, Payroll Comparison Testing



Data Migration Plan.



The Data Migration Plan



1

DM Strategy baseline approved: All key entry criteria in place to start the DM cycle 1

3

Cut-over Entry Gate: All types of entry criteria in terms of DM and Programme met.

2

Data Migration Delivery plan review: Following detailed discovery of DM cycle 1- review the plan.

4

Go-live go-no-go: All agreed go live criteria in terms of DM and Programme met.



Hypercare support

An agreed plan per rollout to freeze data changes at certain points during cutover to be agreed by business teams.

Hypercare support is where we need to ensure resource availability from all parties to support any data fixes or issues as a priority.

Implementation timeline.

Strategy & readiness

- Kick-off + governance setup
- Confirm scope, objectives success criteria
- Migration roadmap + risks identified
- Data quality assessment begins
- Source systems review
- Agree entry gates + sign-off on strategy

Design & Build

- Detailed mappings + business rules defined
- Initial cleansing approach agreed
- ETL / migration framework build starts
- Reconciliation template design
- Data cleansing/enrichment plan finalised
- Build reviewed + readiness checkpoint

Develop, test & refine

- Migration Cycle 1 (trial load)
- Issue log + remediation
- Data cleansing updates
- Cycle 2 refinement
- SIT support + validation
- Performance and defect fixes
- UAT support + reconciliation
- Go-live criteria reviewed

Cutover, go-live & hyper care

- Cutover rehearsal + freeze points agreed
- Final migration execution
- Business sign-off
- Hypercare support
- Post-go-live fixes + lessons learned
- Audit pack completed

Delivery Team.

Binary10 Roles & Responsibilities

The following roles are provided as part of the initial implementation – additional roles may be brought in as required to support specific client requirements.

Role	Implementation Phase	Key Responsibilities
 Data Migration Lead	End-to-end	• Owns the migration strategy • Delivery plan • Governance • Risks • Overall client engagement.
 Data Architect	Strategy & Design	• Defines the target data model • Migration architecture • Business rules • Data standards
 DM Consultant	Design, Build & Test	• Produces mappings • Validates data • Supports migration cycles • Ensures data accuracy.

Client Supporting Roles.

Client Supporting Responsibilities

During mobilization we can define the roles required on the client side but will as a minimum need to cover the suggested roles responsibilities.

Suggested Roles	Implementation Phase & FTE%	Key Supporting Responsibilities
 Project Leads	5 - 10	• Primary client contacts and decision owners • Manage scope, priorities, and timelines • Coordinate stakeholders and approvals • Escalate risks and resolves blockers
 SME's	10 - 20	• Assist the DM Technical Analyst in building the required mapping tables and business logic • Define the Data Entities required for data loading to the new system. • Provide sign-off for SIT/UAT that DM Data is fit for purpose • Assist with Data Reconciliation approach as needed
 Data Owners	10 - 20	• Carries out system spot checks as defined in the reconciliation tracker to validate Data Migration success. • Extracts Business reports as defined in reconciliation tracker and carries out report matching • Carries out Data Cleansing activity and assists in compilation of enrichment data
 Tech Support	5 - 10	• Provides support to the Data Migration Environment • Supports cloning of legacy systems for use in DM Cycles • Supports access to Target System, upgrades and refreshes

*Figures are estimations and may vary based on a client's desired internal collaboration requirements."

DM Strategy Approach (estimated 4 to 6 weeks)

Data Discovery

- Systems Landscape & Infrastructure – Discussions with Infrastructure Team
- Programme/Project overviews – Discussions with Programme Team
- Key Stakeholder discussions, covering data scope, known data quality issues, resourcing
- Previous Migration Reviews, if applicable
- Data Model Overview

DM Strategy

- Data Scope Definition
- Technical ETL landscape – Tooling locations
- Data Cleansing – Define known Issues and create cleansing plan
- Business teams and DM Team resources.
- DM Plan & RACI
- DPIA, if applicable



Discuss your project **with us.** >>>



Book a 1:1 meeting with
our **founders.**



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SCAN ME!