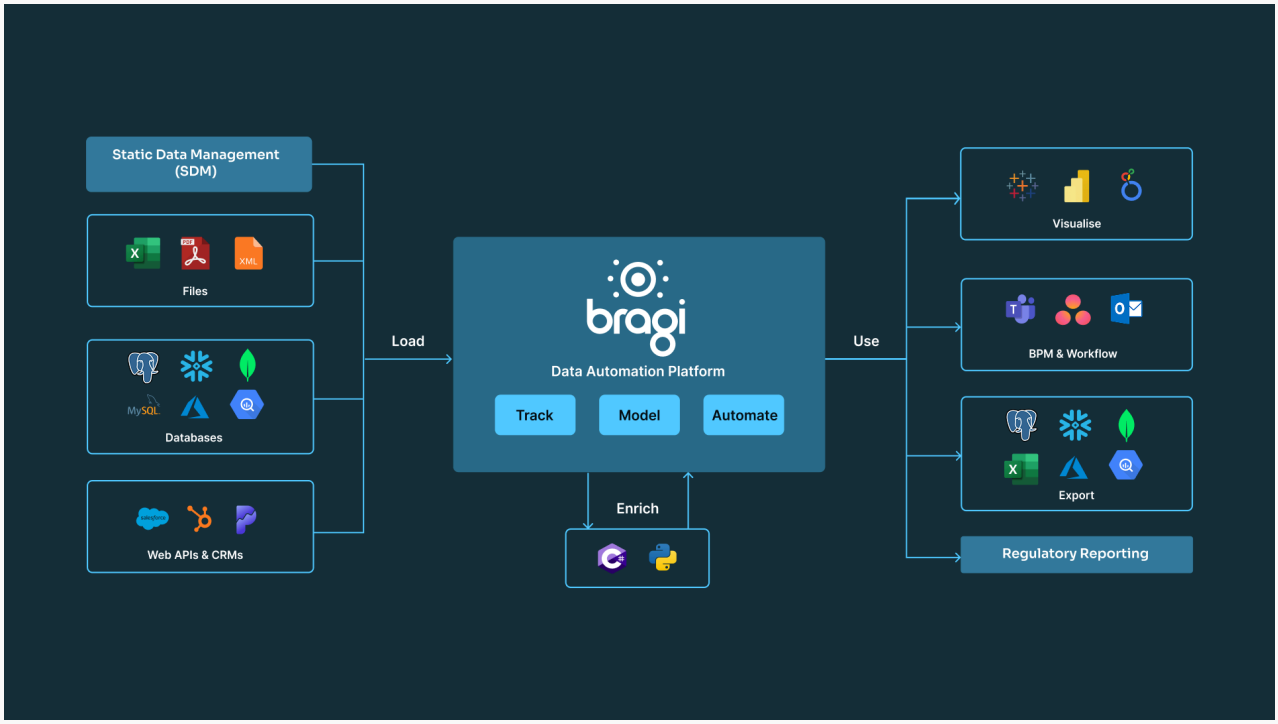
CASE STUDY

Reconciling a data migration with Bragi



About Bragi:

Data automation platform for the modern enterprise

Bragi is an end-to-end data automation platform that optimises the process of acquiring, modelling and leveraging business data.

In this case study, we explore how Bragi facilitated a data migration for a private bank, helping the Bank achieve a smooth transition to its modern cloud platform.

Introduction

Our client, a private bank with over 200 years of heritage, provides bespoke banking and investment services to high-net-worth individuals, families, and trusts.

Operating under Guernsey's regulatory framework, the Bank's private banking arm offers deposit accounts, lending, credit, foreign exchange, and comprehensive investment and asset management services.

The challenge

The overall migration was complex, involving extensive transformation rules and data mapping, Bragi's role was to verify and reconcile the data once it had been migrated into the new platform.

This independent validation step was critical to ensuring data integrity and completeness across every cycle and needed to be proven robust to satisfy the regulator.

Bragi automated the reconciliation of the data from the new system back to the legacy application. Its repeatable workflows enabled the project team to quickly identify discrepancies and highlight exceptions for the business and project team to review. This automation significantly reduced manual effort, eliminated human error, and minimised overall migration risk.

Key challenges included:

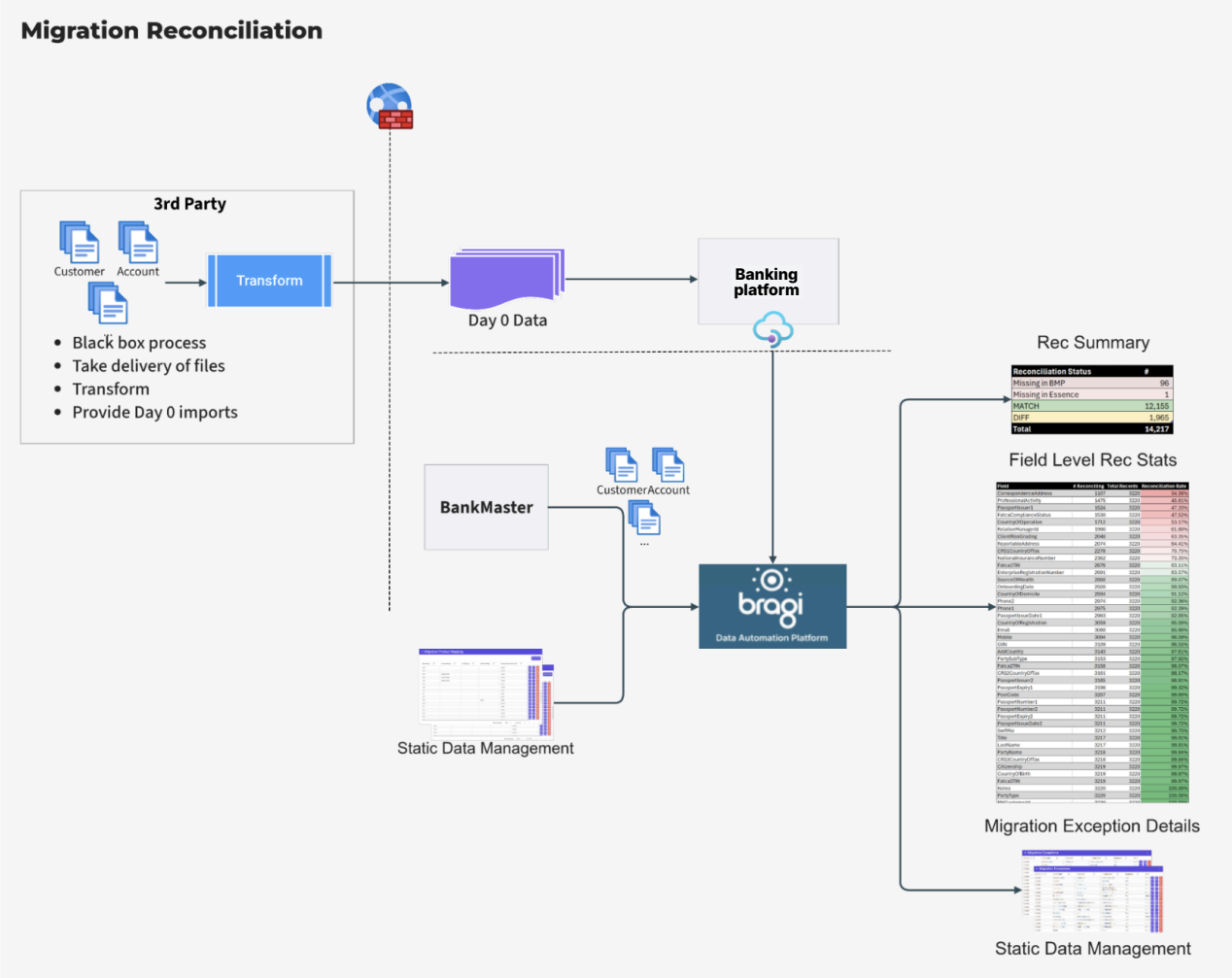
- **Ensuring full data integrity**
- **Allowing business owners to maintain mappings and transformations**
- **Optimising migration processes to complete within available migration windows**

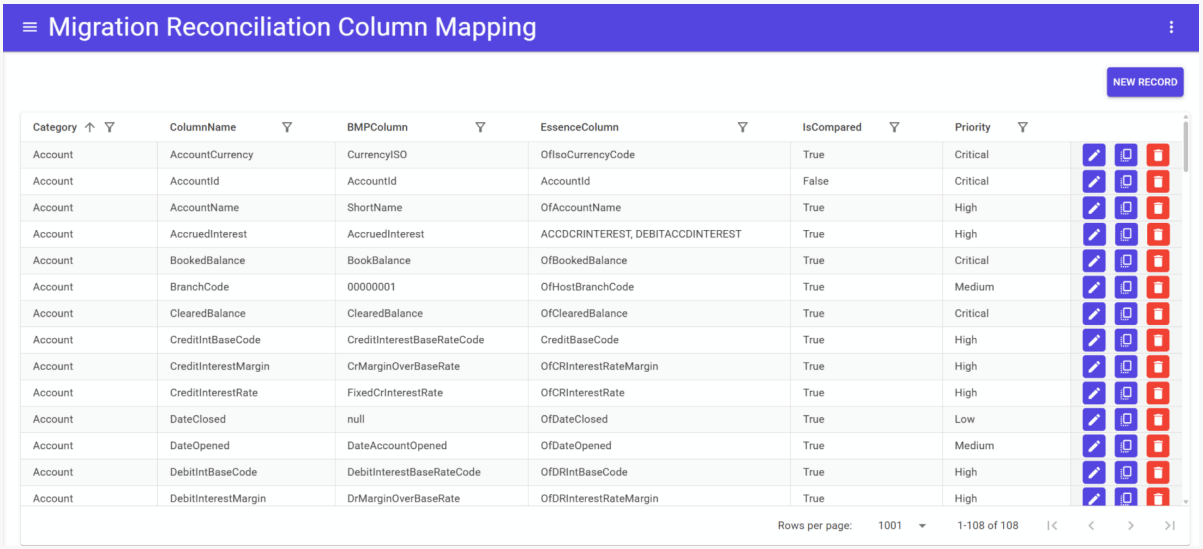
Implementation process

The implementation followed a two-phased approach:

> **Analysis Phase:** understanding data structures in both systems and the transformation rules being used.
>
> **Buildout Phase:** extracting data from the legacy and target systems, applying transformation logic, and creating the reconciliation process and reports.

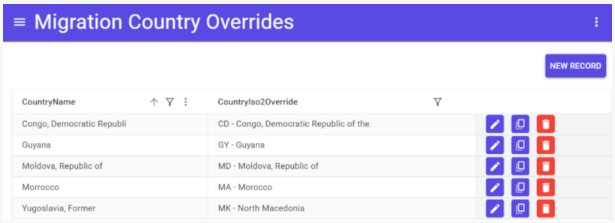
Bragi's Static Data Management module was used to captured and maintain mappings and translations between the legacy and new application, including client types, product mappings, and currency codes, ensuring consistent and traceable transformations. This allowed the different business areas to own their data.





We created reconciliation logic for all the key entities such as accounts, parties, relationships, products, and the balance sheet.

Whilst the migration cycles tended to take multiple days, Bragi's automated reconciliation could be completed in minutes, allowing quick and timely feedback into the next cycle. Bragi took daily data feeds (with change tracking) from the source system. As cycles became faster and more frequent, Bragi reconciled data at specific migration points, producing automated summary reports and exception lists.



Bragi's reporting dashboard tracked migration trends, including:

- **Reconciliation summary**
  - Matched, missing, different, etc., at entity level
  - Field-level reconciliation statistics
- **Record-level exception details**
- **Issue resolution times**
- **New issues per cycle**
- **Closure rate and estimated time to go-live**

This enabled the project team to monitor progress and quickly communicate issues back to the third party, providing sufficient information for resolution.

Results & impact

Bragi's automation framework played a critical role in ensuring the migration reconciliation was efficient, accurate, and compliant:

- **Time saved:** each validation cycle took less than 10 minutes from data receipt to summary report generation.

- **Error reduction**: fully automated reconciliation eliminated manual data comparison errors and improved business confidence in the process and quality of the data in the new system.

- **Compliance improvements:** Bragi produced detailed data flow and traceability reports, along with exception logs and summaries that met regulatory and external audit requirements.

By automating tasks that would otherwise require complex spreadsheets and manual checks, it allowed the team to concentrate on testing and validating business processes instead of spending time on data verification.

Lessons learned

The project demonstrated how Bragi enables complex, high-stakes migrations to be executed with accuracy, traceability, and confidence.

Through automation, robust data reconciliation, and transparent reporting, Bragi helped the Bank achieve a smooth transition to its modern cloud platform, laying the groundwork for future digital innovation and operational efficiency.

> **"If we were to run this project again, we would use Bragi to perform the migration ourselves and manage it internally, leveraging its capabilities not only for reconciliation but also for producing the day-zero migration files,"** remarked the Bank's COO in the project's "Lessons Learned"

Get in touch for a personalised demo

To learn more about what Bragi can do for your organisation, speak directly with Bragi's technical founders for a personalised demo. Reach out via info@bragi.gg

or call +44 1481 716633.

Bragi is developed by Cortex Technologies, a Guernsey-based software and data company. Established in 2017, the team have more than 50 years' combined experience in software development, systems integration and data engineering.