MANY-TO-ONE DATA MIGRATION WITHOUT THE DISRUPTION

Traditional banks around the world are facing significant pressure from their customers to match the innovative financial services that digital and neo banks offer.

Legacy IT infrastructure is not agile and flexible enough to build the digital services their customers want today. Traditional banks need to migrate from legacy to new technology platforms in order to remain competitive.

Digiata's customer, a tier one banking financial services company headquartered in South Africa and operating in more than 16 countries across Africa, embarked on a project to replace multiple existing core banking platforms with a new leading core banking platform to support the bank's pan-African strategic ambitions.

The bank appointed Digiata as its migration partner. Digiata was part of the team that was responsible for the planning, migrating, and reconciling the data from source to target.

> **"When a leading bank decided to replace multiple core banking systems** across its African footprint with a single, standardised, modern solution, a data migration partner that could plan and implement a migration programme covering all bases was essential."

THE CHALLENGE

It was essential that data migrations took place with zero disruption to the business and its customers across various product channels.

The bank wanted to use its existing ETL tool to migrate the data from the source to the target platform. It had already invested in IBM InfoSphere and was keen to maximise ROI from this spend. This tool was easily incorporated into the project thanks to Digiata's commitment to support data migration from **any source, to any target, any way.**

Migrating the data from many disparate systems to one came with technical and human challenges. Technically, data from 16 different systems needed to be cleaned, formatted, and standardised into a single platform. In addition, teams in 16 countries had to coordinate and align with a centralised programme.

THE PROJECT BY THE NUMBERS

5 DIFFERENT DATA SOURCES

16 COUNTRIES ACROSS AFRICA

10+ MILLION CASES MIGRATED

<22 HOURS PER GO-LIVE MIGRATION

THE DIGIATA DATA MIGRATION SOLUTION

As banks migrate from legacy to modern IT infrastructure, data migration is a critical success factor in driving future innovation. Digiata set out to deliver a successful migration solution that was:

— **On time**
— **Within budget**
— **Automated**
— **Assured**

All the while, keeping stakeholders informed in real-time.

Digiata offered the bank the best of both worlds. First, a comprehensive data migration framework based on two decades of experience. The framework was customised to meet the company's specific requirements. This included understanding how the bank's source and target platforms work, as well as the relationship between the data and the business processes. The Digiata team also worked closely with the target platform vendor and the bank's in-house experts to define a comprehensive data migration plan.

TECHNOLOGY USED

- IBM InfoSphere DataStage 8.5
- Oracle 11g
- Microsoft SQL Server
- Twenty57's LINX and STADIUM

ANY SOURCE, ANY TARGET, ANY WAY

For this multi-source migration, Digiata designed and implemented a data migration solution based on a hybrid of ETL and data repository tools. This enabled it to meet the bank's requirement that its ETL tool be used.

Finally, to cater for country-specific requirements, Digiata designed the data migration approach to handle both a big-bang "once off" migration, or a phased migration approach.

“The Digiata team had the financial services experience, data migration expertise, and resources to understand both the business processes and the technical requirements of the data migration project.”

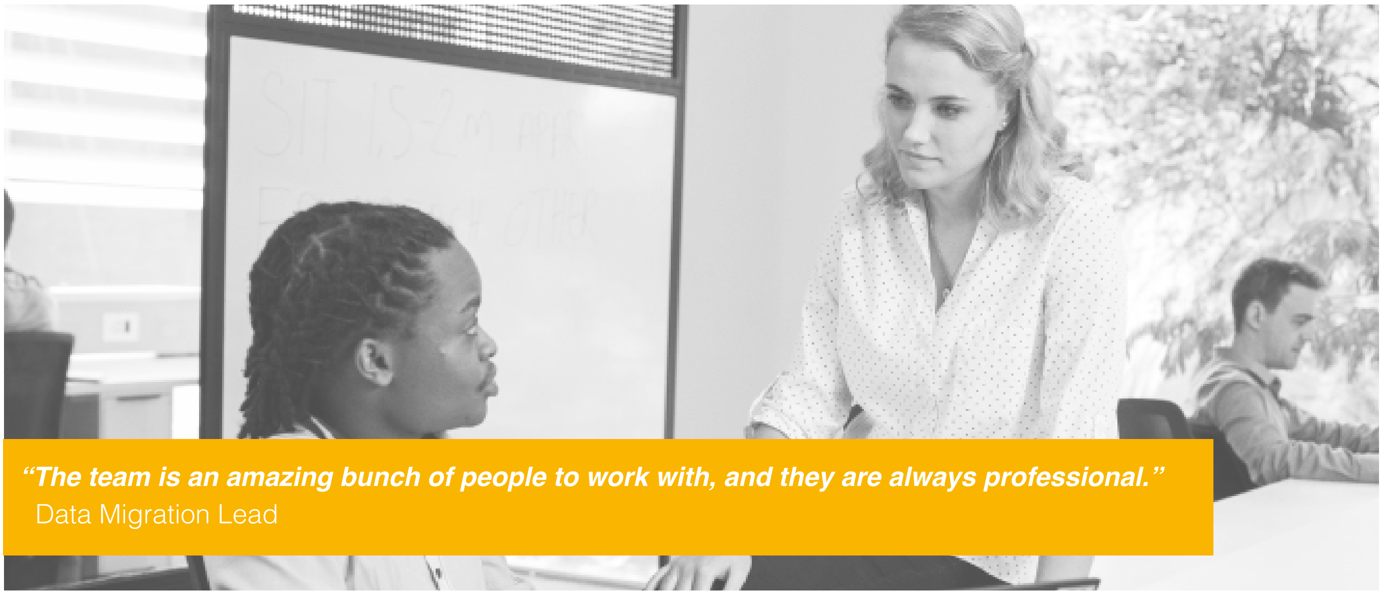
The bank required data reconciliation that guaranteed the accuracy, integrity, consistency, validity and completeness of the migrated data.

The use of Digiata’s in-house LINX and STADIUM tools allowed Digiata to carry out numerous automated checks including row count comparisons, primary key record level and field level comparisons. Data validation and cleansing also formed part of the early stages of the reconciliation process to provide insights into the data and visibility to business and project stakeholders alike.

THE RESULTS

Digiata’s multi-country, multi-source data migration solution gave the bank an end-to-end automated migration and reconciliation process.

It was flexible enough to allow for the customisation required to deliver on the bank’s specific strategic goals, on time and within budget. This successful migration helped the bank achieve its target of moving to a single core banking services infrastructure across Africa with minimal disruption.



“The team is an amazing bunch of people to work with, and they are always professional.”
Data Migration Lead

ABOUT DIGIATA

Digiata offers end-to-end solutions that cover a wide spectrum of business processes conducted in financial services companies including customer experience, process automation, reconciliation, complex integration, payments and data analytics. We work with mission-critical, high-volume transaction platforms and systems for some of the leading banks and investment managers across sub-Saharan Africa and the UK, combining market leading software with industry innovation to solve specific business challenges for its clients. Digiata provides the perfect balance between a solution customised to business challenges and environment, plus the speed of implementation and agility of a team of experts who have a powerful tool set to draw on.

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