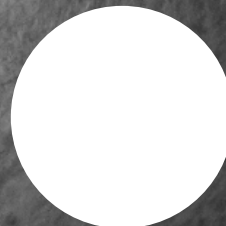
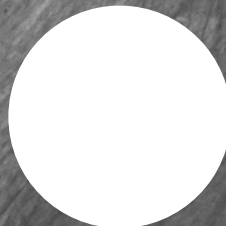
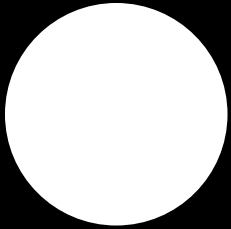
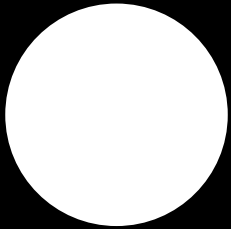
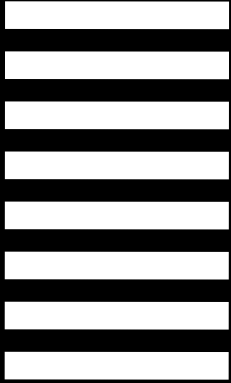


LOCAL AUTHORITY

Rapid Data Transformation, Migration & Assurance



Local Authority

Learn how IDS delivered a repeatable data migration and transformation assurance solution for a local authority ERP migration program

When migrating from one ERP to another, data migration and transformation can cause a significant bottleneck for any implementation consultant. Accuracy and speed are vital when implementing the migration. As market leaders in data migration assurance, many of the UK’s leading consultancies lean on IDS to support the migration and to offer complete data certainty.

In this scenario, the implementation consultancy had a desire to rapidly accelerate the speed of implementing a new ERP. They recognized that the data migration and transformation process had become a bottleneck on previous implementations with public authorities, and needed to streamline the process by a significant margin. IDS were tasked with implementing a rapid solution for migrating, transforming, and assuring data into a new ERP, and away from SAP.

Moving From SAP to a new ERP

A large local authority had decided to migrate away from SAP to a new

ERP solution.

Our partner, a leading implementation consultancy, has a proven delivery methodology for performing the migration and transformation away from SAP to a new ERP. However, the process in the past had been problematic and slow, with data quality not being the main focus.

They needed a partner with specialist data migration, transformation and assurance credentials, to provide a mechanism that assured the migration and transformation of data had quality gates. Furthermore, it was vital to assure that the data transformation rules had been thoroughly tested.

The ultimate goal was to assure the data was available in the correct format and location in the target database – but increasing the speed of the migration was a key driver.

“55% to 75% of all ERP projects fail to meet their objectives.”

Source: Gartner

“

IDS have successful experience in delivering data migration and transformation projects using their unique iData technology, coupled with an associated delivery methodology which provides quality assurance at the heart of the approach.



Automated Validation of Transformation Rules – at Speed

iData is a bespoke data transformation and migration assurance engine that automates the process of validating that transformation rules are correct. The technology ensures that data exists in its new target database.

iData uses an automation process to ingest data from a source, it then follows a slick process to improve the quality of the data prior to any transformation. This is completed through the use of template scripts that can be easily edited to drive the focus of each test and ensure the transformation process is assured.

This addition of templates lends itself to rapid script creation and faster feedback loops for each data migration cycle.


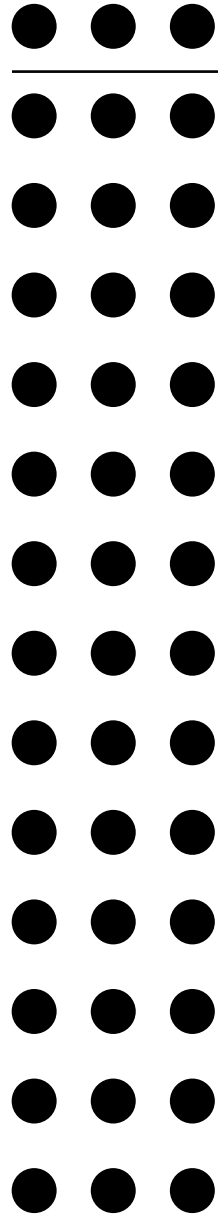
An End-to-End Data Quality Strategy

As the demands on the migration project increased, the local authority recognized that the data cleansing iData was providing as part of the process could be applied to the wider data team. This would drive up the quality and delivery speed across the program.

Knowing the data migration strategy and design, IDS proposed a staged implementation of iData to drive up efficiency, and to execute our proven methodology end-to-end. It was agreed that iData would be used to not only move and transform the data from SAP, but to provide data profiling, cleanse and de-duplication of the data prior to the transformation and migration.

Using iData to profile the data provided a common platform to build out a data quality strategy. iData and the local authority team collaborated to refine the data quality requirements before editing the suggested data quality scripts.





**48% reduction
in migration
time compared
to previous
transformations.**

Fully Automated Mapping and Scripts

Once the data quality aspect of the iData delivery had been agreed and scripted, the ingestion process delivered a fully automated mapping document. This formed the basis of workshops to agree and establish the approach to transforming the migrated data.

Aligned with the mapping phase, iData transformation assurance scripts were created. This provided assurance that each transformation had been assured to be correct, and provided an audit trail for any lost data, clearly showing at which point the data had been dropped.

Using iData's inbuilt learning capabilities, the IDS team edited the transformation and migration template scripts in line with the mapping rules stipulated by the project team.

With a clear understanding of the costs and return on investment

opportunities available, the IDS approach delivered a fully repeatable end-to-end data cleansing, migration and transformation solution. This fully automated data migration assurance solution provided quality gates for the execution and re-execution of tests that enabled the transformation rules to be exercised every time a transformation and load took place.

Be Data Certain With iData

Working in partnership with the migration consultancy and the end client, iData delivered significant improvements in:

- Transform and load reliability
- End-to-end data quality
- On-demand reporting metrics and data analytics
- Data transformation testing efficiency
- Testing practices
- Cohesion with the data team
- Staff utilization.

iData Makes Moving From SAP Fast and Efficient

Historically, there had been limited success with migrated data from SAP a new ERP. Owing to the complexities of the transformation required, the risk of error and delay — with a significant associated cost — is huge.

IDS's background in data migration, coupled with the bespoke iData technology, provided the specialist skills and software required to define and implement a standardized approach.

For both the end client, and the consultancy charged with implementing the migration, this would prove decisive and set a new standard for ERP migration.

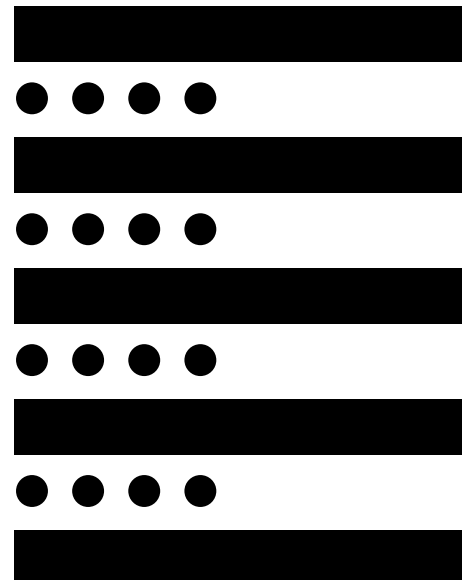
The client now benefits from a considerable saving in staff utilization, freeing up skilled resources to focus on manual and exploratory testing or other areas of concern.

The quality of testing is also greatly improved, the client has greater confidence in the application under test, as the possibility of human oversight is eliminated.

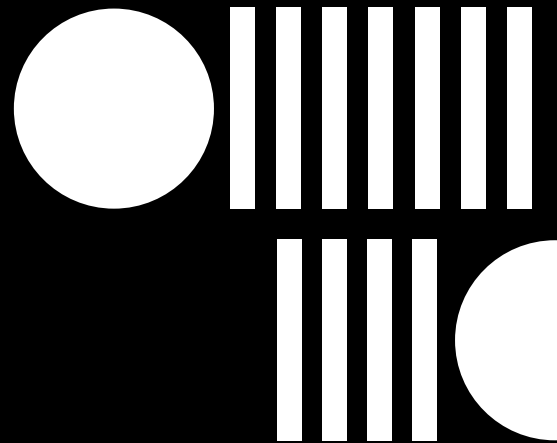
The Migration Assurance Lifecycle and What it Means For You

Data eliminates the risk, cuts costs and increases data quality during any ERP migration and transformation, providing consultancy partners and end clients with absolute data certainty.

- IDS set a new standard for ERP migration from SAP to a destination ERP
- iData deliver a data migration and transformation assurance solution
- The partner now has the benefit of a fully functioning, repeatable migration & transformation approach to work with iData on many more implementations
- iData is proven to reduce migration time by 48% or more
- iData captures data quality issues, including duplicate records which carry substantial costs
- iData provides a mechanism to build test assets ahead of time, enabling full team preparation whenever a transform and load cycle took place
- Faster data quality feedback removes the need for the local authority team to perform data quality assurance in-house
- Senior stakeholder teams were given absolute certainty around the quality of data being deployed.



When data lies at the heart of your organization, you need data certainty. IDS's unique methodology brings together data testing and data quality assurance, to assure 100% of the data, through 100% of the journey, 100% of the time.



To find out more, discuss your data needs with an IDS data certainty specialist here:

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