



# DATA MIGRATION

## DO IT FASTER AND WITHOUT SACRIFICING ACCURACY.

### SOLUTION SHEET

#### In Summary

Our Information Management practice assists customers to improve tactical and strategic business decision-making. We design and configure best practice information management processes to support the delivery of trusted and timely information – turning data into intelligence to give users better visibility of business performance.



Sometime soon you're going to need help with a data migration. You'll be safe with us. In our experience you'll have two main concerns – the time it's going to take and the risk of data errors.

Making an exact copy of current data and moving it to another device is a fairly routine operation but even routine processes can cause problems such as extended or unexpected downtime, data corruption or loss, application performance issues or technical compatibility issues. Our services will allow you to move stored data without disrupting your access to applications or business operations. Using a unified approach and a range of tools, we can expertly guide you through the process from migration planning and execution to post migration activities, reporting and testing.

#### Less time, less risk

We understand what makes a successful data migration. Having technical and process expertise is not enough. Engaging the business throughout the project is vital. Without close collaboration, a data migration project runs a high risk of failure. We have developed our own mechanisms for trapping migration errors by performing data reconciliation through scripts built from our standard repository and maintained throughout the project. When you engage us to execute your data migration project, these scripts help us to reduce project risk and massively reduce project time spent looking for reconciliation errors. On top of that, our years of experience have

enabled us to build tried and tested methodologies in source to target analysis and mapping. These translate into project milestones on the plan. You will see project risk being minimised and your managers can rapidly identify and escalate data issues. The data being migrated represents the chronicle of your business, often over many years. We respect and value your familiarity with, and knowledge of, the legacy data structures. Your knowledge must be captured in the source to target mapping, and is best represented in an enterprise vocabulary – a business glossary that all business analysts and IT users can follow.

A range of data migration middleware options:

- batch
- message-based
- replication
- decision management data
- delivery techniques

## Why Certus? We do it differently

### So what makes a Certus data migration different?

We can do it faster but without sacrificing accuracy. Our early data assessment and metadata-driven approach to data migration makes an agile multiple-sprint approach easier to deliver and manage. We have pre-built accelerators which will reduce project risks and costs and improve project results, processes, data quality and level of information maturity. For example, our data quality accelerator discovers potential data problems and assesses the impact on the business before the migration starts. It uses scorecards to constantly measure the quality of data being migrated. A firewall stops poor quality data from going through and alerts data stewards to investigate. And in the cleansing phase, problems in source data are fixed in transit so it's fit for use in the migration target. We also have a governance hub with scorecards that monitor and audit the quality of the data migration and the level of conformance to governance policies. It has a policy and rule structure defined that includes sample information life cycle

“ We have pre-built accelerators which will reduce project risks and costs and improve project results, processes, data quality and level of information maturity.”

### Ashwin Sinha

Practice Lead, information management Certus Solutions

rules for data retention and disposal and data quality rules for monitoring or data cleansing. The roadmap hub identifies and manages all objects and deliverables in the data flow from legacy systems, through integration points, data storage and governance classification to the target system.

## Snapshot Case Study

A state government department needed to replace an existing insurance company accident claim system, written in C++ and not well documented, and migrate the new data to a new database. There were major concerns with maintenance and reliability.

Migrating the data from the original system into the new database sounds easy but the old system had many rules and validations turned off. It also did not use correct data types in the database which allowed incorrect data to be loaded rather than rejected. This meant converting data that would fit the new database, using business rules provided. And there was a reporting component to export data for verification by a third party. Each set of files required well over 300 individual validations. We had to deliver a testing framework that allowed all of these individual validations to be tested again and again but in a set time so that reasonable feedback could be delivered back to the insurance company loading the file.

We delivered the project on time and on budget with the client very happy and satisfied with the work. They ended up with a system that was easier to maintain, was documented and included a testing suite that meant any future changes could be easily tested to ensure the existing functionality was still working as expected.



## CERTUS

Expect fresh ideas that deliver.

As Australasia's most respected IBM partner, Certus helps you deliver tangible results with your customers firmly in mind. With Certus PurePlay you can be assured that you are accessing the best in methods, people and applied knowledge for Systems Integration. This approach is one that enterprises in the region trust to deliver everyday - across a range of mission critical systems. Connect to exceptional outcomes with Certus.

