



As your organisation grows, more and more data is logged via increasing numbers of systems, databases and applications. Halogence enhances your business intelligence through the consolidation and migration of this data, driving strategic benefits for your organisation by helping you to control costs, mitigate risk and reduce timescales

Data Migration

When upgrading to a new version of a database or application, or when switching to a new system, data needs to be preserved in the new system. The purpose of data migration is to transfer existing data to the new environment. It needs to be transformed to a format suitable for the new system, while preserving the information present in the old system. There are a variety of reasons why an organisation may need to migrate their data:

An upgrade from a legacy system to a newer version

- Consolidation of multiple applications to improve efficiency
- Following a merger/acquisition data may need to be moved to the new system
- Business process outsourcing

These activities require significant investment. Speed in achieving this change is critical to ensure an organisation starts reaping the benefits of their investment.



Complex legacy systems

The Challenge for Data Migrations

Organisations tend to find that legacy data systems are filled with inconsistent data. The process to migrate this data to newer systems or consolidation requires validation and cleansing of the data. Without this process organisations simply move bad data from one system to another.

- A typical migration often involves processing large amounts of individual data where it is vital that the accuracy of the data is preserved through the migration
- Organisations often use systems and applications from a variety of vendors with very different sources, so complex mapping and transformations are required
- If a new system is gradually phased in, or parts of a system are migrated at different times, the old and new systems need to be maintained. This leads to a requirement to ensure consistent synchronisations between the old and new systems.

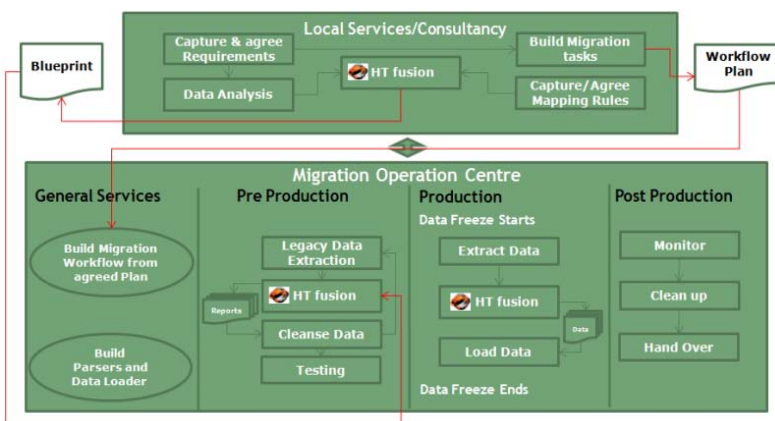
Existing data migration projects tend to frequently overrun their budgets, get delayed or even cancelled. "More than 60% of data migration projects have overruns on time and/or budget" (Bloor Research Sept 2007). These failures can be attributed to a number of issues including, a lack of methodology, unrealistic scope, improper understanding and use of tools, inattention to data quality and lack of experience.

Halogence understands the urgency of organisations to migrate data effectively and has developed a data migration solution that delivers true business efficiencies, on time, within budget, mitigating risks and lowering the overall costs of the project.

Halogence's Data Migration Solution

Halogence has developed a unique web based data migration solution that automates the validation and migration of data, from many legacy data sources to a single target data model, enabling organisations to:

- Validate data
- Report errors to enable focused data cleansing to increase data quality
- Automate parts of the data cleansing process by implementing rules to correct data and/or infer missing data
- Transform data from one or many different data formats to a format that can be loaded into the target system



Halogence Migration Approach

With a suite of solutions utilising cloud technology, and ensuring your data is kept secure, Halogence can cater for your organisation's needs, regardless of size.

In addition, Halogence has developed a range of services designed to facilitate the ramp-up of project teams and ensure the highest level of productivity, offering professional support and expertise delivered by Halogence's own in-house experts.

The Benefits

Low cost

- Unlike other data migration services, Halogence's unique web based migration capability does not require any additional hardware/temporary databases, offering significant cost savings to the project
- Halogence provide a 'proof of concept' mapping, validation and migration of the data free of charge, so you can have confidence that the solution suits your requirements before any financial outlay
- Halogence's clear pricing structure allows you to budget effectively without any hidden charges or lock-ins

Secure

- Halogence's solution can offer 'onsite' migrations giving you peace of mind that your data is as secure as your own network

Easy to use

- The software is designed to be intuitive and user friendly. Unlike other data migration services who charge for training, Halogence provides all training documentation and tutorials on the internet, free of charge
- Halogence's software utilises the industry standard programming "Python" language, ensuring the users can create custom validation and transformation rules quickly
- Halogence offers standard framework to migration projects
- Halogence utilises cloud technology for easy integration without the restrictions of location

High Speed

- Halogence's processing capability is quicker than traditional methods for complex migrations as the product does not use database SQL joins

Find out more

For more information please visit www.halogence.co.uk or contact us at info@halogence.co.uk

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