The Data Migration Factory

Delivering effective and reliable Data Migration at low cost, high quality and on time

Capgemini's Industrialized Delivery & Rightshore® Model

Capgemini has a unique approach which industrializes the delivery of Business Information Management (including Data Migration) projects, with a Rightshore Factory approach.

Capgemini's Rightshore methodology balances local and offshore resources to deliver comprehensive, reliable and affordable solutions.

The Challenge
Having the right data in your systems at the right time is of vital importance.

Migrating data from one system to another is unlikely to be your core business. As a result, internal data migration projects often encounter substantial cost and time overruns; not to mention the risk of losing crucial data and undermining confidence in the new solution as a result of a troublesome start.

The Solution
For Capgemini, data migrations are considered 'business as usual'. Our factory-based approach offers a controlled process to ensure a smooth and reliable data migration.

Capgemini's Data Migration Factory is designed to help clients take the risk out of data migration projects and increase their reliability.

Our Data Migration Factory supports a variety of technologies to control and automate the migration process. These include our own specialized Data Migration Workbench and many of the leading vendor technologies such as SAP, IBM and Informatica.

Our Data Migration Methodology (DMM) ensures that all aspects relevant to a data migration are covered.

The DMM is a technology independent methodology that includes best practice methods, templates and accelerators along with a series of factory frameworks for each specific technology.

Besides ensuring a successful data migration, we recognize that data security is also a key factor and we have specific controls and processes to ensure that security standards are met.

People matter, results count.

The Benefits

The factory frameworks, combined with our Rightshore approach, enable us to ensure the right level of intimacy with the client team in localized front offices, while at the same time maximizing efficiency by using one centralized delivery factory in India.

As a result the expected business outcomes are delivered with minimized risk, within the timeframe and at the lowest cost. Of course, full onsite delivery of a project still is an option.

Introducing an experienced core team giving the required focus to the data migration will reduce the load on your key resources, particularly in the middle of a complex implementation, and help you direct internal resources to the right tasks.

How we do it?

Our five-phased implementation methodology described below is supported by a number of Data Migration specific tools and accelerators.

Initiate & Analyze

The two most important outputs from this phase are the Project Governance Plan and the Data Migration Strategy. Both are created jointly with the client.

The Data Migration Strategy describes the basic principles and approach to be followed for the data migration project. It effectively creates the agreement on the project scope; for example, the level of history to be migrated, reference data, regulatory environment, target system constraints, loading mechanism, audit requirements, etc.

An integral part of this phase is the Technical Data Analysis to determine the initial need for data cleansing, enrichment and obfuscation.

Design & Development

During the design phase the data migration specifications are created in close collaboration with the client.

Based on these specifications, the Factory will configure and develop the components needed for the data migration process, including the necessary reconciliation modules.

Test & Acceptance

The migration components are tested on both a technical and a functional level. A number of trial migrations are carried out in order to enable the client to perform acceptance tests on the data migration process, the audit trail and the results in the target system.

Execution

The 'go-live' data migration is carried out according to the migration scheme constructed and finalized during the previous phases in order to ensure there are no surprises at this critical point.

Post Implementation Support

After go-live the Data Migration Factory will be available for issue resolution.

After formal completion of the project the dedicated migration environment for the client within the Data Migration Factory will be decommissioned and any remaining client data deleted.

Why Capgemini

Capgemini has over 5,000 skilled BIM practitioners of which 1,500 are part of our BIM Center of Excellence in India. We combine expertise in information strategy, business consulting and deep understanding of various Data Migration Technologies. We have completed over 100 successful data migrations in the last 3 years.

Our structured approach ensures:

- All relevant data is migrated on time to meet your project timelines
- Data quality is managed to meet the needs of the business and the target environment
- Interruption to the business is minimized
- Low cost, effective migration is delivered.

Next Steps

If you are interested in finding out more about our vision and the benefits we can bring to your organization contact us at bim@capgemini.com or visit us at www.capgemini.com/bim

About Capgemini and the Collaborative Business Experience™

Capgemini, one of the world's foremost providers of consulting, technology and outsourcing services, enables its clients to transform and perform through technologies. Capgemini provides its clients with insights and capabilities that boost their freedom to achieve superior results through a unique way of working, the Collaborative Business Experience™. The Group relies on its global delivery model called Rightshore®, which aims to get the right balance of the best talent from multiple locations, working as one team to create and deliver the optimum solution for clients. Present in 40 countries, Capgemini reported 2010 global revenues of EUR 8.7 billion and employs over 112,000 people worldwide.

More information is available at **www.capgemini.com**

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