

Streamline and optimize your information infrastructure

EMC® Data Center Consolidation and Migration Services from EMC Consulting help streamline your information infrastructure, consolidate and relocate data centers, and realize cost, energy, and service delivery benefits.

Business challenges

Many data center IT infrastructures have reached capacity due to their internal customers requiring increasing amounts of data storage and processing. Yet organizations are still underutilizing existing infrastructure assets and should consider new consolidation technologies to better leverage all resources. Organizations are also under pressure to decrease their power and cooling requirements as a way of cutting costs and meeting sustainability mandates. Enterprises are finding it necessary to rethink their data center architectures to minimize the cost related to facilities and data center sprawl and reduce the overall data center total cost of ownership (TCO).

Organizations struggle with insufficient in-house resources necessary to manage non-business as usual (BAU) activities, such as performing a data center migration or strategic planning related to data center capacity. Finally, enterprises need to address regulatory mandates within their respective industries and across multiple geographies, as well as increased demands for disaster recovery.

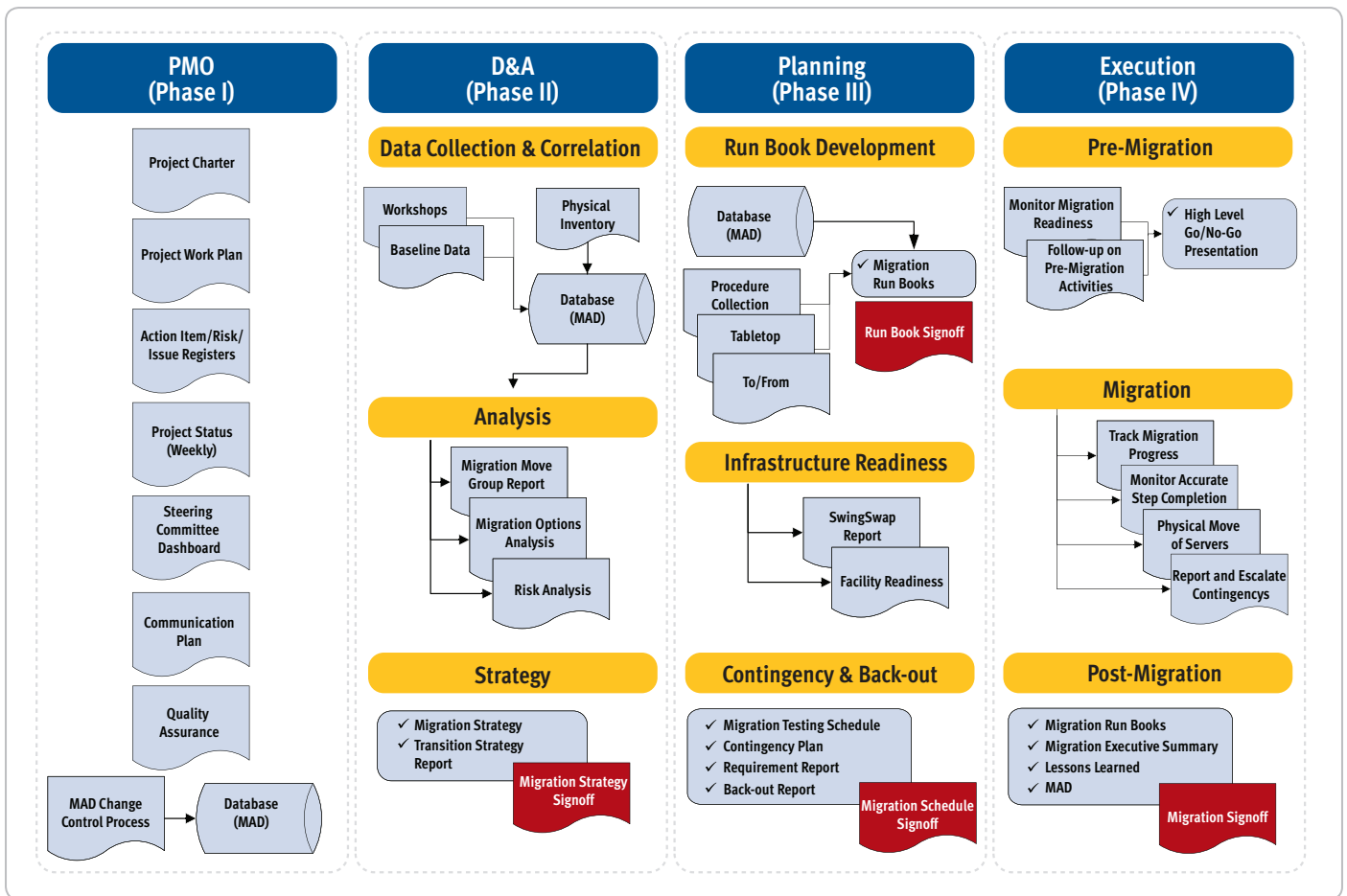
Consolidation or relocation of data centers—a complex program that potentially has significant impact on all of these service levels and costs of IT operations—may well become part of the solution. Since relocation affects all IT assets, applications, and IT personnel, comprehensive planning is critical for a smooth relocation with minimal disruption to the business.

Service description

EMC Data Center Consolidation and Migration Services encompass several fully customizable service offerings to address all aspects of your information infrastructure by providing a strategy and execution. These services include:

- Data Center Consolidation Strategy provides a customized approach, whether you are consolidating many data centers to fewer or undertaking a consolidation inside a single data center. Our strategy helps you consolidate data centers for increased economies of scale and provides advice on your optimal build strategy. The strategy service also delivers guidance on tiering an infrastructure to rationalize cost versus requirements and preparing the architectural foundation for the virtualized data center. EMC develops a strategy that is sensitive to geographic constraints, industry requirements, and country-centric compliance needs.
- Data Center Migration utilizes an application-centric approach that leverages proprietary tools coupled with a comprehensive verification methodology to mitigate risk and decrease overall cost. EMC works closely with customers to define the most appropriate migration approach applicable to the client's needs and is flexible enough to scale based on changing requirements. Our offering pays particular attention to your data center uptime requirements to ensure an efficient migration without any unplanned outages.

Taking a holistic approach, EMC Consulting developed a Data Center Migration methodology that provides program management, rigorous discovery and analysis, migration group planning, and execution as described in the diagram below. This methodology has been developed and refined over the course of hundreds of customer engagements.



Natural Foods Distributor

- Consolidation yields cost savings of \$7.7M compared to business as usual
- Reduces risk exposure due to antiquated or non-conforming data center environments

Major Hospital Company

- Consolidated eight data centers to five, saving \$123.9M in seven years
- Early exit from three data centers saving \$1 million in facilities costs
- Eliminated the need for network latency remediation solution; cost avoidance of \$1M

Service value

With experience in delivering hundreds of migration projects to customers around the globe, EMC Consulting has learned that a critical success factor is the right combination of business management consultants and infrastructure experts. This consistent, stable program organization ensures the right level of business engagement and executive governance. We will work to understand your business needs and develop a strategy to build the architecture to meet those needs.

If your organization is interested in a migration, we can provide guidance on ways to minimize the risk of migrations using our patent-pending methodology. Developed over eight years and through hundreds of successful engagements, the EMC Consulting methodology is business- and application-centric, and it embodies the idea that a migration should be treated as a controlled and planned disaster. In addition to these services, EMC Consulting provides data center operations, facilities and energy efficiency services to meet all of your needs.

EMC Consulting

As part of the world's leading developer and provider of information infrastructure technology and solutions, EMC Consulting transforms information into business results. Our consultants bring a unique mix of industry, business, and technology expertise to solve today's toughest challenges. We use field-tested tools, proven methodologies, best practices, and industry standards to minimize risk and optimize time to value in our engagements. We provide a full range of consulting, design, implementation, and support services.



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