



Mastech InfoTrellis Data Engineering Cloud Migration Services

Mastech InfoTrellis (MIT) is a specialist data management and advanced analytics firm with industry-leading technical and strategic expertise. MIT has a track record of hundreds of successful projects, implementations, and deployments for Fortune 500 companies and public sector organizations worldwide. MIT helps clients improve customer experience, accelerate business velocity, minimize costs, and significantly improve corporate resilience through the application of data and analytics expertise.

Enterprises face multiple challenges in migrating solution platforms to the Cloud. Most Enterprises lack an in depth understanding of target Cloud vendors and/or environments. MIT provides the focused effort and experience to navigate the known and, in some cases, unknown issues. Management must be extremely aware of overall IT ecosystem interactions, as business infrastructures become more complex with new Cloud assets and networked devices. Security teams must ensure their organization's platforms are secure while releasing control over key technologies. The consequences of these issues make it difficult for business teams to predict and manage costs. MIT can help client's manage and navigate this process effectively.

MIT Enterprise Cloud Migration Services evaluate specific business needs and help with the migration journey:



Multi and Hybrid Cloud - Management & Automation

- Assess current Cloud strategy
- Assess Cloud applications for HADR/Security/Continuity
- Assess current Cloud tools and processes
- Develop a unified Cloud management architecture for ongoing monitoring
- Develop a Cloud management platform roadmap
- Implement and test Cloud management platform components

Cloud Management Benefits

- Self-service management to provision only needed resources
- Cloud cost management to reduce underutilized infrastructure (spin up or down)
- Automation of manual processes



Custom Cloud Application Provisioning and Setup

- Assess application architecture and target Cloud environments
- Develop Cloud application architecture
- Develop Cloud network & security architecture
- Provision Cloud infrastructure
- Install applications to Cloud infrastructure
- Perform basic functional and integration testing

Cloud Provisioning Benefits

- Cloud container management for quick and easy applications deployments
- Consistent information security across applications
- Automation of manual processes



SaaS Application Adoption and Data Migration

- Assess candidate application and one data source
- Assess target SaaS environment
- Develop a roadmap for migration
- Install App customizations in Cloud environment
- Perform initial data load
- Perform basic functional and integration testing

SaaS Benefits

- Subscriptions typically have no initial license fees resulting in lower upfront costs.
- MIT can manage IT infrastructure and run software reducing hardware & software maintenance fees



RedHat OpenShift Adoption

- Assess candidate applications/containers for RHOS
- Assess current private/public Cloud strategy
- Develop Enterprise RHOS architecture
- Develop RHOS adoption roadmap
- Implement RHOS base container infrastructure

RHOS Benefits

- Provide greater flexibility across on-prem and Cloud infrastructure
- Innovate with quicker path to new markets
- Accelerate application development
- Enterprise grade, container-based platform with no specific vendor requirements
- Self-Service provisioning

MIT's Data Engineering Services team has one of the world's broadest and deepest concentrations of technical and strategic talent for Data Engineering and Integration, Data Analytics, MDM, and Cloud Adoption. These services enable clients to leverage Data and AI for faster, more actionable business insights.

MIT's Data Engineering Managed Services offerings provide a complete set of operational and application support solutions. Leveraging these MIT offerings allows client organizations to truly focus on their business objectives, while relying on MIT to take care of the underlying technology required to achieve necessary outcomes. MIT managed services have applied across multiple industry vertical industries including Banking, Financial Services, Insurance, HealthCare, and Retail.