



Mastech InfoTrellis Data Engineering Advisory 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.

Enterprise Data Engineering is a core competency of MIT that focuses on architecting infrastructure and data solutions, allowing companies to fully leverage the corpus of Enterprise data to drive business outcomes.

One of the critical functions of Data Engineering is the assessment of an Enterprise ecosystem to determine readiness to become a data driven Enterprise. Using MIT's Data Engineering Assessments such as the Data Driven Architecture Assessment. MIT can help clients assess their Enterprise readiness across a range of needs from a focused application implementation (e.g. MDM), to hosting and management of deep analytics. MIT also offers assessments that help clients develop coherent data strategies for the Cloud, including plans for the adoption and migration of key data architecture and solutions to the Cloud.

MIT has developed a proprietary Enterprise Intelligence Hub (EIH) platform to enable organizations to learn faster, with deeper, insights and knowledge to drive superior data-driven business decisions. The EIH helps an organization leverage all their data available, across domains, curated for purpose, to be able to apply advanced analytics tools such as Knowledge Graphs, AI, machine learning and deep-learning, to derive new insights, build institutional knowledge and make well-informed business decisions.

Data Driven Architecture & Cloud Readiness



Data Architecture Assessment (4-6 weeks, USD \$100k-\$150K)

- Data Analytics readiness
- Data availability and journey assessment
- Data architecture review
- Key business and IT gaps analysis
- Roadmap and recommendation



Move to Cloud (4 weeks, USD \$100k)

- Current Cloud strategy
- Cloud integration & networking
- Application Fit
- Data migration
- Security posture
- Adoption roadmap
- Timeline and scope



RedHat OpenShift Readiness (4 weeks, USD \$100k)

- Current container adoption
- Cloud adoption strategy
- Application/container plan review
- Strategy and roadmap
- Timeline and scope
- Review OpenShift requirements for client infrastructure

MIT Enterprise Intelligence Hub (EIH) (3-6 weeks, USD \$75K-\$150K)



Strategy

- Needs/maturity assessment
- Program strategy/roadmap
- Policy formulation



Implementation

- Architecture
- Technical design
- Tool selection



Support and Monitoring

- Organization design
- Support capabilities and enablement
- Support tooling & architecture

MIT's Data Engineering Advisory 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.

As more corporate data strategies are moving to the Cloud with new scalable technologies for data connectivity MIT's Data Engineering Services can help manage the transition. MIT Data Engineering Managed Services have applied across multiple industry vertical industries including Banking, Financial Services, Insurance, HealthCare, and Retail.

In addition to these Data Engineering Advisory Services MIT has deep strategy, architecture and technology implementation skills that are delivered through MIT Centers of Excellence in each of the areas described above. MIT also has a sophisticated set of ongoing Managed Service offerings around the same disciplines. MIT CoEs and Managed Services provide a combination of dedicated and virtual resources dynamically deployed and utilized across multiple projects providing leadership, best practices, consultancy, training, and support.