Mastech InfoTrellis: Data Engineering Platform Services

Data Connectivity through Platform Enablement.

Address key data initiatives by creating an ecosystem that allows your organization to become a data-driven Enterprise.

Take full advantage of Mastech InfoTrellis (MIT) core **Platform Services** which helps establish a data environment allowing organizations to learn, adapt, and evolve at a higher velocity, by enabling full consumption of all Enterprise data needed to support corporate initiatives.

How It Works

Define Business and Data Initiatives

MIT Architect Advisors hold an initial assessment workshop to understand your analytic readiness, data availability, key IT gaps and conduct an architecture review

Data Requirements

Leverage MIT's industry expertise in platform development to prepare data and establish a foundation and framework for driving deeper data consistency across the Enterprise

Implement, Support, Monitor

Leverage MIT's industry expertise in technical design and architecture to organize, design, support and enable with the right platform tools

MIT has a set of Platform technology offers:

- **Enterprise Data Integration** Establishes a one stop shop for ingesting existing data, while providing the capability to integrate new data sources at scale

- **Entity Resolution** MIT's technology and machine learning solution creates a Record Linkage process across the Enterprise by consistently identifying existing and new entities through the data connectivity process. Clients become vigilant in tracking customers, while constantly adding new relationships and behaviors to client models

- **Enterprise Data Connectivity** Implement open source and proprietary tools, orchestrated to gather data from *all* sources and store it in a high-volume and high-capacity file system, creating realizable, clean data for multiple business purposes

- **Enterprise Intelligence Hub (EIH)** An MIT platform technology that brings together a modular architecture, across all the major ecosystem components, to allow companies to become Data Driven Enterprises. The EIH enables a 360-degree view of all crucial data within the Enterprise, including structured, unstructured, third party, and social media data

The MIT Enterprise Intelligence Hub enhances data visibility and data management functionality allowing for the continuous improvement of MDM, Data Science, Customer Intelligence, and ultimately Enterprise-wide data utilization, to drive novel insights, and develop new business knowledge. The MIT Entity Resolution engine further enhances the creation of Enterprise knowledge.

Advisory Services Enable Corporate Strategy

MIT can create the foundation for clean and consistent data connectivity across the Enterprise by identifying unique entities and attributes, fraudulent or irregular data patterns, and means to rapidly push data to the ends of the Enterprise for analysis, reporting or applications, or to better identify targets for new products and services.

Managed Services and Enterprise Cloud Services

MIT's offerings provide an all-compassing approach to manage and supporting the Data Information Systems and Business Data across the entire Enterprise allowing clients to fully capitalize on all their Enterprise Data Resources. MIT also provides the expertise to navigate both known and unknown issues of Cloud services through an industry-leading, state of the art, RedHat OpenShift container management system.

ARCHITECTING enterprise INTELLIGENCE

MIT helps its clients transform into Data-Driven organizations. Let's get in touch.