

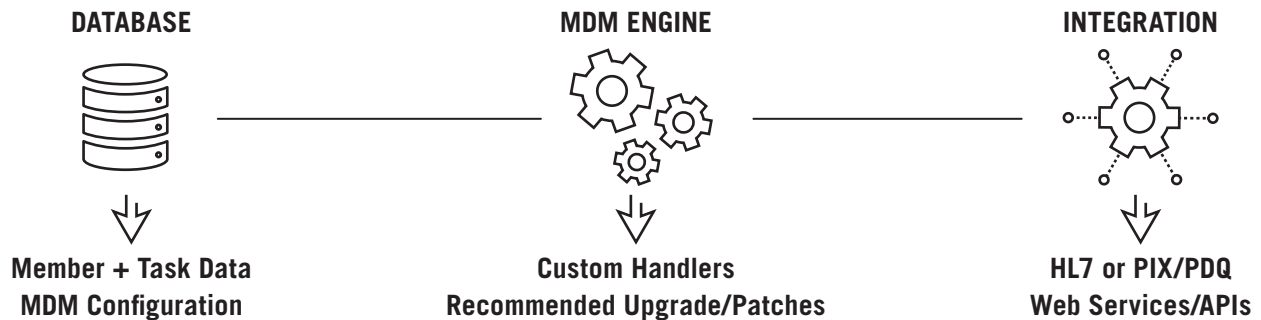
# SECURE MDM MIGRATION AND INTEGRATION IN AWS

A key component of a successful MDM migration to AWS is secure and efficient movement of your existing master data while establishing secure connectivity between your cloud-based and on-premise systems. IMT has developed approaches to facilitate your migration and establish trusted and reliable connections to the systems that remain in your network, or other cloud environments.

## HERE ARE THE STEPS WE TAKE TO FACILITATE A SUCCESSFUL MDM MIGRATION TO AWS:

### 1. ASSESS CURRENT STATE MDM DATA AND INTEGRATED SYSTEMS.

IMT will assess your current MDM data, integration points, database and engine configurations. We define the “path to cloud” for each runtime component that supports the MDM environment including MQ, DataStage, IIB, Legacy Brokers, Custom Handlers and configuration tools like Workbench. IMT will identify and recommend any required upgrade patches necessary to ensure that MDM in AWS is running the most secure versions available.



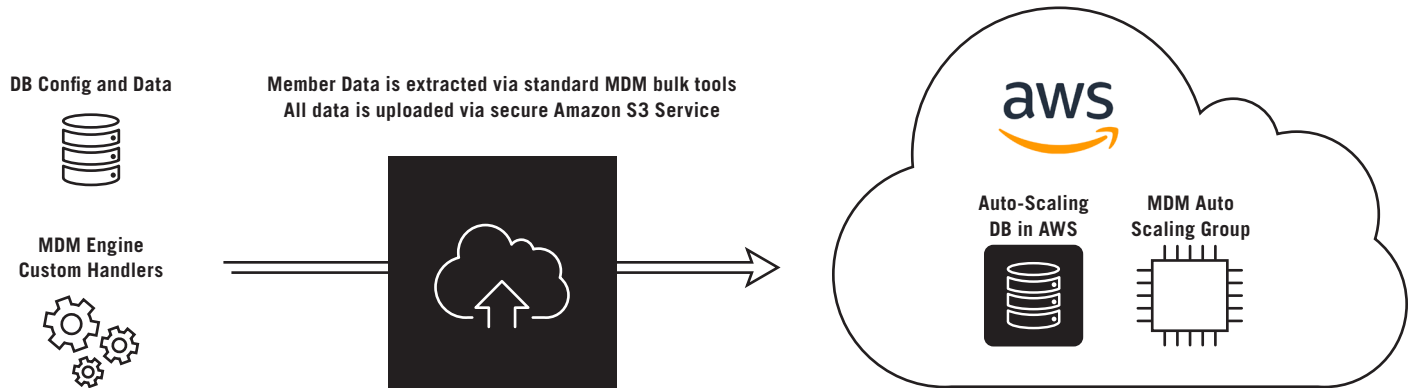
### 2. ESTABLISH SECURE, ENCRYPTED NETWORK CONNECTIVITY BETWEEN YOUR NETWORK AND AWS.

IMT works with your networking team to configure a secure, encrypted, high-bandwidth AWS Client VPN that connects your network with MDM in AWS. All current integrations (transactional or service based) will be routed through the VPN as-is, minimizing testing and change management for the transition. The AWS Client VPN automatically takes care of deployment, capacity provisioning and service updates, supports multi-factor authentication, and elastically scales up or down based on demand.



### 3. MIGRATE YOUR EXISTING DATA, CONFIGURATION, AND INTEGRATIONS TO ON-PREMISE SYSTEMS.

IMT will perform bulk data extraction for MDM data and upload to AWS via a secure Amazon S3 service. The S3 service supports exceptionally high data transfer rates that minimize downtime during migration. Using MDM extract tooling, data is transitioned in a database agnostic form requiring no data conversion. The MDM engine configuration, integration services and handlers are transitioned seamlessly to ensure identity EID preservation and minimize the impact on your data composition.



As a part of your migration plan, IMT will right-size your MDM environments in AWS to best align with your current MDM usage patterns and data storage needs. AWS tools enable IMT to scale up environments as usage increases which saves you money on infrastructure and storage costs. Multi-scaling groups can easily be applied when requested to establish a highly available/redundant environments to fulfill HADR requirements.

### 4. GOING LIVE WITH MDM IN AWS

Data stewardship users will access Inspector and Web Reports as they do today without interruption. User credentials will continue to be federated to your on-premise LDAP directory (e.g. Active Directory). Through use of network and application load balancers, performance and access will be protected and logged. After your migration is complete, IMT can fully manage your MDM solution in AWS securely, with reduced downtime and automatic performance scaling.

To learn more details about IMT's approach to MDM migration to AWS, please contact your account representative or email [sales@imt.ca](mailto:sales@imt.ca).



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