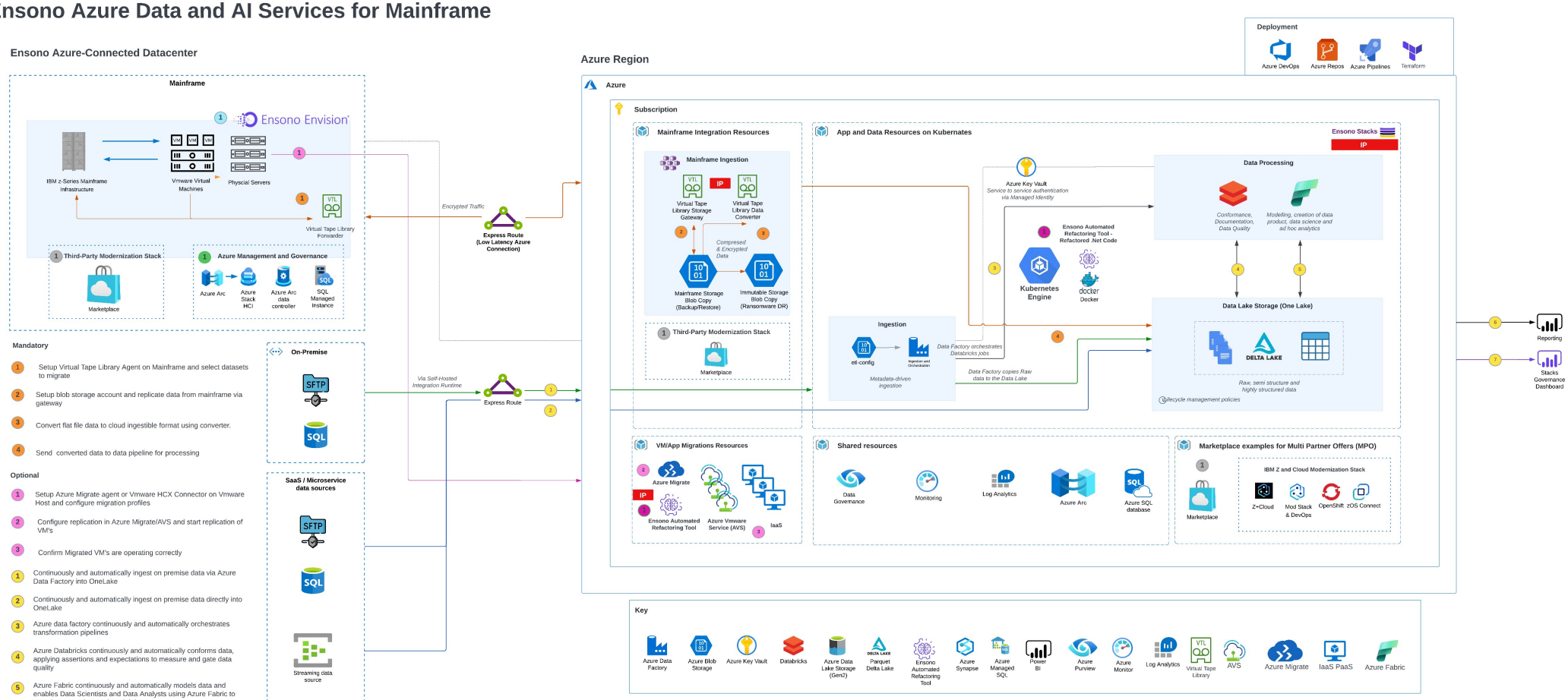
Ensono Azure Data and AI Services for Mainframe



Mandatory

1. Setup Virtual Tape Library Agent on Mainframe and select datasets to migrate
2. Setup blob storage account and replicate data from mainframe via gateway
3. Convert flat file data to cloud ingestible format using converter.
4. Send converted data to data pipeline for processing

Optional

1. Setup Azure Migrate agent or Vmware HCX Connector on Vmware Host and configure migration profiles
2. Configure replication in Azure Migrate/AVS and start replication of VM's
3. Confirm Migrated VM's are operating correctly

1. Continuously and automatically ingest on premise data via Azure Data Factory into OneLake
2. Continuously and automatically ingest on premise data directly into OneLake
3. Azure data factory continuously and automatically orchestrates transformation pipelines
4. Azure Databricks continuously and automatically conforms data, applying assertions and expectations to measure and gate data quality
5. Azure Fabric continuously and automatically models data and enables Data Scientists and Data Analysts using Azure Fabric to experiment, explore and model data
6. Power BI reports are driven from OneLake
7. Ensono Digital Stacks Data Governance dashboard is driven from OneLake

1. Ensono Envision is our IT insights platform that governs our client's infrastructure, using unique IP, decades of experience, and automation to cut down on unanticipated downtime and keep business applications powered.

1. Third-party modernization stack such as the IBM Z and Cloud Modernization Stack which is a software solution that can help you accelerate your mainframe application modernization journey. With this solution, clients can create and integrate z/OS APIs in minutes to applications running on Red Hat OpenShift Container Platform.

1. Azure governance is a set of mechanisms and processes to maintain control over applications and resources in Azure on on premise in Azure Stack HCI usins technologies like Azure ARC

1. Ensono Automated Refactoring Tool is a proprietary, automated IT tool that ifacilitates the converting of legacy code such as COBOL to quality modern code such as .Net and Java