Global Customer Success (GCS) Migration Factory

Lakehouse

CSU Migration Factory
Lakehouse

Purpose

Design, build, and deploy repeatable, low-to-no code change required data engineering pipelines into a Lakehouse with analytic landing zone guidance.

Resources

Microsoft Resources

- Microsoft Architects, PM & Developers
- Microsoft Account Team
- Repeatable assets for rapid deployment

Customer Resources

- Customer Executive Sponsor
- Customer Data Architects & Engineers (*Skills*: *Azure Databricks, SQL, ADX/KQL)*
- Customer Azure / IT Admin (*Skills*: *Source System Access)*

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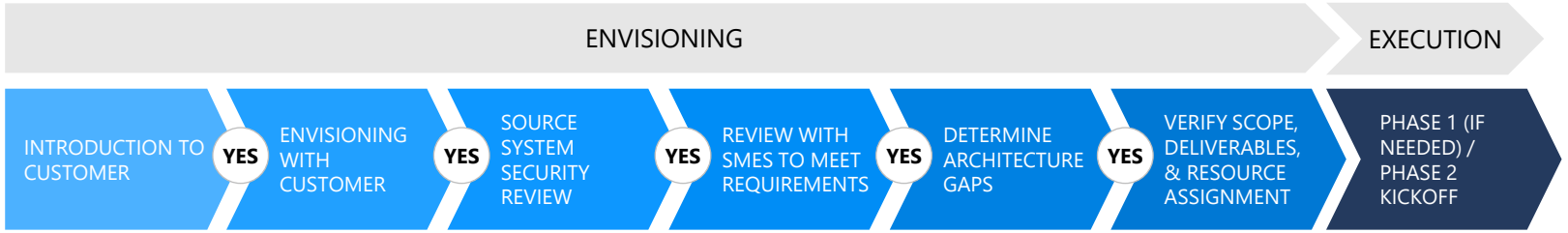
CUSTOMER OUTCOMES

- Infrastructure As Code (IoC) scripts & automated parameterized platform provisioning
- Predefined application templates and accelerators aid in bootstrapping the development process.
- Data engineers will analyze your data sources (Azure SQL, Postgres, MySQL, Oracle, SQL On-Prem, flat files, Hadoop or TSI) and define ingestion, cleansing and query requirements
- Our expert team will develop, test, and deploy a customer selected high value use case

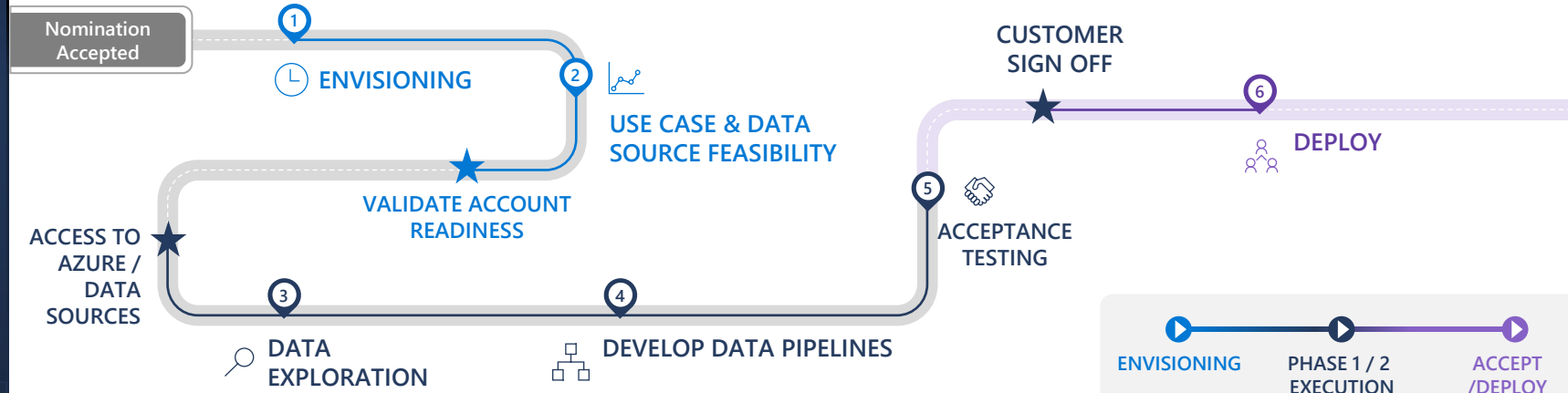
ROLES / RESPONSIBILITIES

	CUSTOMER	MSFT
Define Use Case Scope	R/A	R/C
Setup Azure Resources	R/A	
Grant MSFT Access to Sys	R/A	C/I
Source Connectivity	R/A	
User Acceptance Testing	R/A	C/I
Deploy Lakehouse to Prod	R/C/I	R/A
Build & Test Deployment	I	R/A

PRE-ENGAGEMENT ACTITIVIES



JOURNEY FOR TYPICAL ENGAGEMENT



Our Approach: Lakehouse Migration Factory Process

Preparation

- You were nominated for the Lakehouse migration factory
- Resources from Microsoft are provided for *FREE* including Project manager
- Envisioning meeting should be extended to all resources

Envisioning

- Validation of use case (Use Case)
- Outline and approval of Use Case scope
- Approved acceptance (Go) criteria

Execution – Phase 1

- Build out best in class architecture to support resilient deployment

Execution - Phase 2

- Build out phase 1 for viability; execute and deploy remaining data pipelines
- Execute test cases
- Go/No Go Determination on success with customer

Deployment

- User acceptance
- Production deployment
- Hand-off to customer

TSI to ADX Execution Model