B2B Data Transformation Foundation

Implementing the Right Foundation Framework

Building and deploying transformation services effectively requires careful planning and execution in three areas – the transformation hosting environment architecture, the transformation service design and the executing environment. As part of this engagement, IPS specialists will review customer needs and recommend appropriate strategies in these areas, ensuring that the critical building blocks are incorporated into the design and architecture before development begins. Customers will benefit from having transformation services built in the most optimal way following best practices and will be educated on how to be self-sufficient in designing, architecting, building and testing transformations.

This implementation is suitable for either customers new to B2B Data Transformation or any customer that requires assistance in the initial setup and implementation of B2B Data Transformation. A typical B2B DT foundation engagement includes the following:

- Support of the installation and basic configuration of B2B DT within PowerCenter or any other hosting environment.
- Gathering and documenting transformation requirements, mapping specifications, canonical models, etc.
- Designing transformation services and communication with the hosting environment, integrating with customer systems and processes
- Building of transformation services and respective PowerCenter mappings to invoke DT and collect transformation results
- Supporting during UAT and integration testing as required
- Enablement on the technology and developed solution

With a “learn how to fish” approach, we intend to educate your selected personnel so that you are self-sufficient and can maintain or further enhance the implementation on your own. The foundation implementation is focused on ensuring success and building solid infrastructure.

Scope

The engagement is focused on implementing a selected number of transformations, with at least two (2) data format conversions or up to 400 individual sources to target field mappings combined.

Key Program Deliverables

- Customer requirements, design and foundation implementation scope documents
- Foundation implementation project plan
- Customer foundation implementation scenario installed and configured on premises
- Test plan and quality assurance tests on developed foundation implementation
- Go-forward plan
- Weekly status reports
Key Program Details

Kickoff and Requirement Gathering
• Review business requirements
• Review latest version of mapping specification
• Review and validate sample data
• Validate source and target structures
Prerequisites
• Latest version of specification is available
• Ample test data is available

Analysis
• Analyze mappings specification and rules
• Identify and resolve any possible gaps or inconsistencies
• Finalize specifications
Prerequisites
• Latest version of specification is available
• Ample test data is available

Design
• Design B2B DT transformations for taking source formats into target formats
• Design large file handling, validations and error handling components as needed
Prerequisites
• Specifications are signed-off
• Ample test data showcasing the different mapping logic is available

Development
• Develop common components/infrastructure if applicable
• Develop source to target B2B DT transformer
• Develop splitters, error handling and validations as needed
• Assist with development of PC flow to activate transformations if needed
Prerequisites
• Ample test data showcasing the different mapping logic is available

Unit Testing
• Create test cases and test plan
• Unit test B2B DT transformations
• Unit test PC flow if applicable
• End to end local testing
Prerequisites
• Ample test data showcasing the different mapping logic is available

Prove Knowledge Transfer on the Developed Solution and Documentation
Prerequisites
• Participants have either been enabled or officially trained

Support During Deployment and System Testing
• Deploy solution on available environments
• System and Integration testing

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