

# Bardess Data Migration Methodology

## Situation Assessment

Identification of source systems, system interfaces and data repositories needed to support key target business functions and data needs. Preliminary assessment of source system data quality, as well as data flow gaps.

## Data Model Analysis

Development and analysis of both source and target data models to identify gaps and functional migration requirements and constraints.

## Develop Conversion Strategy and Migration Plan

Development of data migration solutions, strategies and plans (including differentiation between initialization processing and ongoing delta processing).

## Extract and Filter Source Data

Capture of required source data from identified source systems and purging of data not required in the target system.

## Cleanse Source Data

Cleansing and editing of extracted source data to improve data quality and integrity, and to optimize success of subsequent transformation and integration processes.

## Transform Source Data

Conversion of cleansed source data into identifiable data elements with attributes and values consistent with target data requirements and definitions.

## Integrate Source Data

Integration of related, transformed source data into unique, consolidated, identifiable data instances meeting the business data requirements of the target system. Development of data migration solutions, strategies and plans (including differentiation between initialization processing and ongoing delta processing).

## Load Source Data

Loading of transformed, integrated source data into the target system.

