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CORE BANKING DATA MIGRATION

Whitepaper defining framework of CBS Data Migration



Data Migration

Data Migration Framework

Module wise strategy for
migrating the data

DATA MIGRATION STRATEGY FRAMEWORK

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The migration from legacy system to new Core Banking software at Bank necessitates planning and finalizing the framework for migrating data from legacy system. The Data migration strategy framework is an important document which defines and covers critical strategic business touch points.

Data Migration document describes the critical activities involved in migration, pre-requisites of migration, the framework that is to be followed, the functional module-wise strategy for migrating the data, the post-migration checklist and consistency checks that need to be performed in order to ensure a smooth transition of banking operations to new Core Banking Software

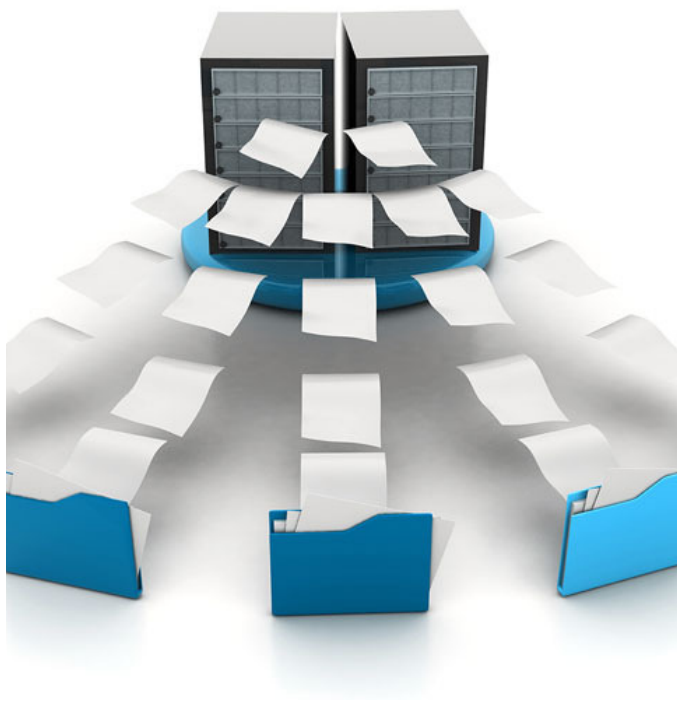
FRAMEWORK FOR DATA MIGRATION OF DIFFERENT TYPES OF DATA

Data Migration framework should categorically define and bifurcate legacy system data into below defined data subsets. Identification of legacy data into below mentioned data subsets lay the foundation on which data mapping exercise is initiated.

1. Static Data
2. Master Data
3. Dynamic Data
4. History Data

Data Migration is a process of migrating the data from any source system to target system. Information residing in source system may not map directly to the Target system and hence staging system is required which acts as a converter for data so that it can be ported into the target system

During the process of data transfer, data has to undergo a number of checks and computations at an intermediate stage so that data can be migrated into target system. Data Mapping study between source and target systems defines clearly which all data can be ported directly from source system along with the set of data which will require transformation in staging area.



" Data Mapping between Source and target system is a critical element on which migration strategy is framed "

DATA MAPS

Mapping of Data between Source and Target

One of the primary groundwork of any data migration activity revolves around the data mapping study where in each and every element of data is mapped between source and target systems.

Data structures of source and target systems are compared so as to map system touch points on which business functionality is implemented.

Data mapping study helps in segregating the data elements which may not be available in the source system and will require a staging area so that data can be generated up as per the requirement of the target system

Different Modules for which the data mapping is done are as below

1. Customer Information Module
2. Current Account and Saving Accounts
3. Term and Re-curing Deposits
4. Tax Framework
5. Clearing and payments Module
6. General Ledger
7. Alerts framework
8. Interest framework setup

Reconciliation of data between target and source need to be defined in black and white so as to avoid any loss of data during migration.

Consistency checkers should be used to scan and compare the data between source and target systems electronically



"Data Mapping is always done taking Target system as the base".