Validata

ConnectIQ

Real-time, 'progressive' Temenos upgrades and legacy migrations

Modernise your applications faster, cheaper more efficient!

Banks are now, more than ever, focused on core banking transformation to keep up with customer expectations and new challenger banks. With this come the challenges of migrating data from the existing system to the new platform.

A key challenge that most banks face with their data migration projects is the inability to map and cleanse data from multiple banking legacy systems into a single platform. Data Reconciliation is also a critical issue when designing a migration approach, which is sometimes forgotten.
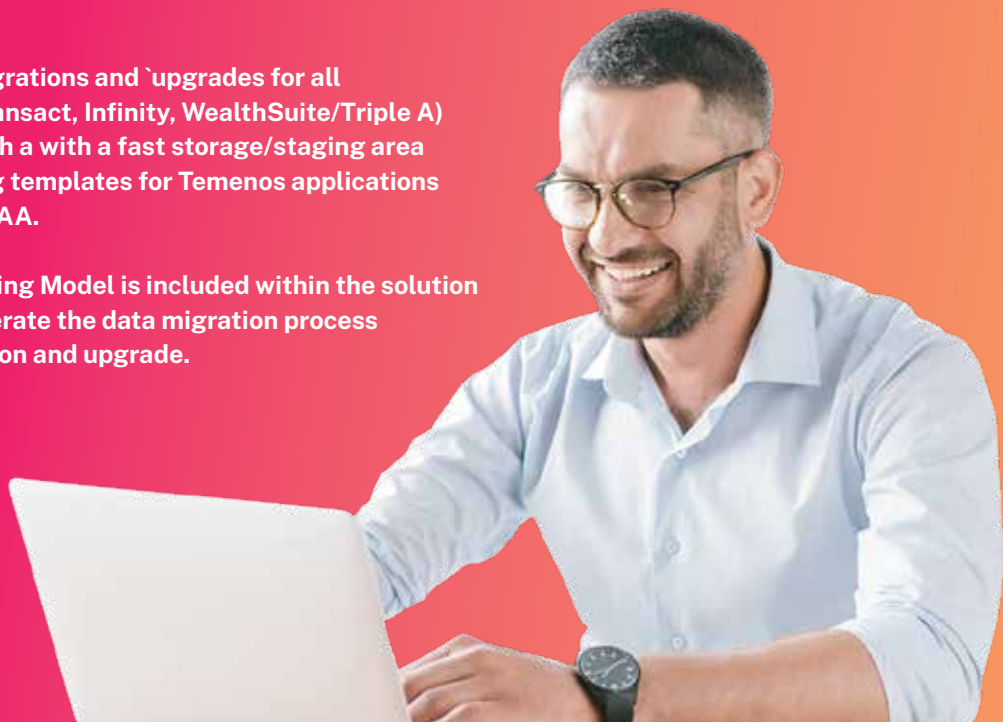
An accurate and timely migration is critical for ensuring effective core banking system deployment and decommissioning of the legacy systems.

Simplify and de-risk your data migration project!

ConnectIQ is a dynamic data platform able to process information from multiple data sources, thus presenting "one version of the truth" when interacting with external systems. It addresses the needs of the business, helping to eliminate the traditional difficulty and related risks of data migration projects.

It supports legacy migrations and `upgrades for all Temenos systems (Transact, Infinity, WealthSuite/Triple A) (from G12 and on), with a with a fast storage/staging area and pre-built mapping templates for Temenos applications including support for AA.

A pre-packaged Banking Model is included within the solution to significantly accelerate the data migration process for your implementation and upgrade.

Migration Methodology

Big Bang Migration

Following this approach, migration and reconciliation of all bank branches and modules happens in one weekend. ConnectIQ is used both for migration processing and for building the technical and financial reconciliation reports.

It can also be used as a platform for building an archiving solution for the legacy system historical data taking advantage of the relational information between legacy and Temenos objects established during data transformation.

Phased Migration

ConnectIQ also supports a 'progressive' (phased) migration approach, where migration of data happens in several runs over several weekends without interrupting the bank's workday operations.

Using ConnectIQ as a staging area allows the migration of the next portion of data, and migrating only the delta for the data already existing, i.e. only additions or amendments accumulated since the last migration.

Phased migration consists of three different approaches:

- **Branch-based migration**
  Migration is done branch-by-branch; all modules for a single branch are migrated over one weekend.

- **Module-based migration**
  Migration per product is done for all branches in a single weekend. In this case, the platform's staging area plays an important role for the delta migration of the modules migrated during the previous weekend(s).

- **Customer Segment based**
  Migration of specific customer segments over time.

Data Migration Modelling

ConnectIQ employs the modeling method to define the structure of its repository and how it is accessed.
The models are the complete description of all logical objects and their associations.

ConnectIQ automatically generates data models from application models:
· Automated business model creation
· Automated Synchronization of Model changes
· Automated Auditing and Indexing
· Utilization of different data sources

Data Transformation and Loading

Through the tool's data transformation feature which stores the mapping and transformation rules, non-technical people like business analysts are able to create, maintain and supervise the data mapping and transformation without writing a single line of code. The flexibility of the solution allows transformations to be performed either as part of the data extraction process or as part of the data loading process or both. The solution is unique in its ability to merge and match data between different sources and ensure a smooth and efficient approach when migrating the data into the new system. Data can be loaded through a real-time connection to target systems or off-line by creating flat files that can be loaded at a later stage.

Data Extraction

ConnectIQ is able to extract directly from Temenos application into files or relational database format.
It can also extract data from other sources such as SQL databases or files. It features smart multi-value and sub-value processing with scalable and incremental data uploads configurable and complex selection conditions and visual metadata editing. It is a fast, efficient, scalable and sophisticated tool that enables data extraction, normalization and loading into a high performance RDBMS which can serve as a staging area for the complete downstream data requirements.

The solution has been customized to work with Temenos core banking solution and can additionally integrate data from other third party sources such as SAP, Oracle, etc.
ConnectIQ provisions the data faster than any other solution, thus enabling the bank to provide on-time regulatory and operational reporting as well as populate the DWH, BI, collection systems etc from a single source which is outside Temenos altogether.

ConnectIQ

Product capabilities

- Perform full Extraction, Transformation, Loading, Validation and Reconciliation of financial and static data for your data migration project
- Support Synchronization with external sources
- Import financial and static data from flat files
- Data Masking and Scrambling of sensitive data
- Support Data Profiling, Governance and Archiving
- Provide Audit and Process Control to ensure that compliance standards and regulations are met
- Provide pre-built templates with mapping rules

- Provide accurate reports for data Consolidation and Reconciliation
- Migration runbook
- Real time data reconciliation on run time for batches of data
- Schedule migration jobs for a single or a repetitive execution at specified date and time
- Seamlessly recreate your entire banking business model, enabling you to integrate and migrate data from multiple sources (applications, databases and file types), maintaining all the data relationships and links
- History, audit trail, data linage and governance reports

The ROI challenge answered

✓ Saves up to 24-man months from code writing (Building Extraction code, Optimizing, Changing)

✓ Saves minimum 6-man months with the prebuilt GL and COB performance packages

✓ Can eliminate the technical skillset that is required

✓ Faster, Smarter, more efficient Extraction!

✓ Increased quality and 60% reduction in mapping implementation time due to its unique business model approach

✓ Simplifies, De-risks, Accelerates Temenos core banking Upgrades, Migrations & Integrations

✓ Reduces the need to know the Temenos business model It is embedded!