Hopp Temenos – T24

– migrating into Temenos T24 Core

This note highlights key features of Hopp T24 - an extension of Hopp to make data migration into Temenos T24 banking solution from any legacy banking system much faster, cheaper, and better.

The focus is on the application of the Hopp generic Integration framework to Temenos T24 as the target system.

For information about Hopp Integration in general or as background information to this article please see Hopp Integration.

Introduction

We created Hopp T24 integration – or Hopp T24 for short - to be able to easily apply Hopp-rich functionality when migrating data from any legacy system to Temenos T24.

Hopp T24 is built around a Hopp Target Map for Temenos T24 which include the functionality needed to transform and validate data correctly before insertion into Temenos T24.

With our Hopp T24 solution you get of the migration functionality, execution and control features you need upfront - and hence a head start on your Temenos T24 data migration.

Features:

Hopp provides a comprehensive data migration framework for Temenos as an integrated set of components, which includes:

- Robust, already build and proven solution supporting all stakeholders through the lifecycle of the data migration project
- Seamlessly populate your entire banking business model, and migrate data from multiple source systems
- Utilise business skills and not technical skills to perform data migration through Hopps intuitive user interfaces

Benefits:

Due to the comprehensive nature of Hopp solution, there are many benefits for organisations that are about to embark on a Temenos implementation, such as:

- The single point solution enables the business to always have full control of the migration process, reducing risk on go-live
- The solution provides full auditability and clear visibility of the errors and exceptions as they occur within the migration process enabling the organisation to focus on issue resolution immediately
- The efficiencies gained from a consistent processes and solution for the whole migration process has a significant impact on time and cost saving

Recap of dataflow in Hopp

Not to repeat information elsewhere (you can read about this elsewhere on www.hopp.tech) it might be useful to mention a few things about how Hopp manages the dataflow in order to position Hopp T24 correctly.

- Legacy Source System data are mapped into Hopp.
- Using the separate Map functionality in Hopp
- The Source System is matched to Temenos T24 Target Map through the Hopp T24 Target Interface
- The Hopp T24 Target Map pulls definitions from Temenos T24 through the Valueset Provider and delivers Temenos T24 data compliant with the established specifications

- This logical execution sequence will improve the quality of the end-to-end flow by resolving dependencies and identify most issues before insertion into Temenos T24 is attempted.
- Issues are flagged and can be dealt with in a structured and supported way before another attempt is made.

The short version is that any Integration like the Hopp T24 is a collection of features specifically developed to be able to deliver a fully workable end to end data migration solution out of the box.

The Hopp T24 solution comes with a T24 Target Map that will contain all the mapping (structures, rules and validations) and delivery mechanism needed to deliver high quality data directly into Temenos T24.

Hopp T24 contains the functionality to create data structures that meet the requirements of the Temenos T24 loaders.

It is important to remember that Hopp T24 creates and holds all the target data for each business object as a unit. This unit contains the entire business object hierarchy for each root object (e.g. Customer, Account)– each business object in the hierarchy contains all target data for this object – like a supplier with its addresses, sites, relationships, etc. or project with task etc. Objects are grouped together and mapped as single logical entities, validated and processed across the data migration flow as one unit of work.

T24 Providers

The generic Hopp Integration contains the elements that are needed to integrate with the given Temenos T24. A Hopp T24 Integration contain a Target Map and a set of Extensions - here called Providers.

Hopp T24 Target Map

Hopp T24 make use of the Hopp Target Map to structure the logical business entities as business objects for the different Temenos modules.

It contains the validation and rules needed to ensure the only high quality and consistent data are passed on to Temenos T24.

We can deliver a Target Map for the standard Temenos T24 entities and help your project focus on applying and extending it to reflect the configuration applied in your T24 instance. You don't have to start from scratch.

The Temenos T24 Target Map is set up in a way that is easily understood by any Temenos T24 functional consultant should modifications or extensions be needed.

Hopp Integration applied to Temenos T24

From Hopp there are standardised extensions used as part of an Integration to any target system as described in more details in our note on the generic Hopp Integration.

Metadata Provider

The Hopp T24 metadata provider ensures that any changes to tables or loader requirements are made visible to the Target Map. Validation ensures that the new or changing metadata definitions raise a flag in Hopp T24 and action can be taken.

Valueset Provider

In most Temenos T24 data migrations, it's important to validate against or enrich data with data and configuration parameters already in Temenos T24.

The Hopp T24 Valueset Provider allows you to load configuration data as Valuesets from Temenos T24 and make them available for use in rules and validations in Hopp T24.

What the different Integration elements do and how they are positioned in Hopp T24 are illustrated in the Figure 1 below.

Starting with the generic Hopp Integration framework it is straight forward to apply it to Temenos through the T24 Providers and Delivery mechanism.

Delivery Provider

Hopp T24 delivers data to Temenos T24 through a well-defined Delivery mechanism. It stages the target data and formats it correctly for insertion into Temenos T24 object by object to maintain the business integrity created in Hopp. The flow runs as follows.

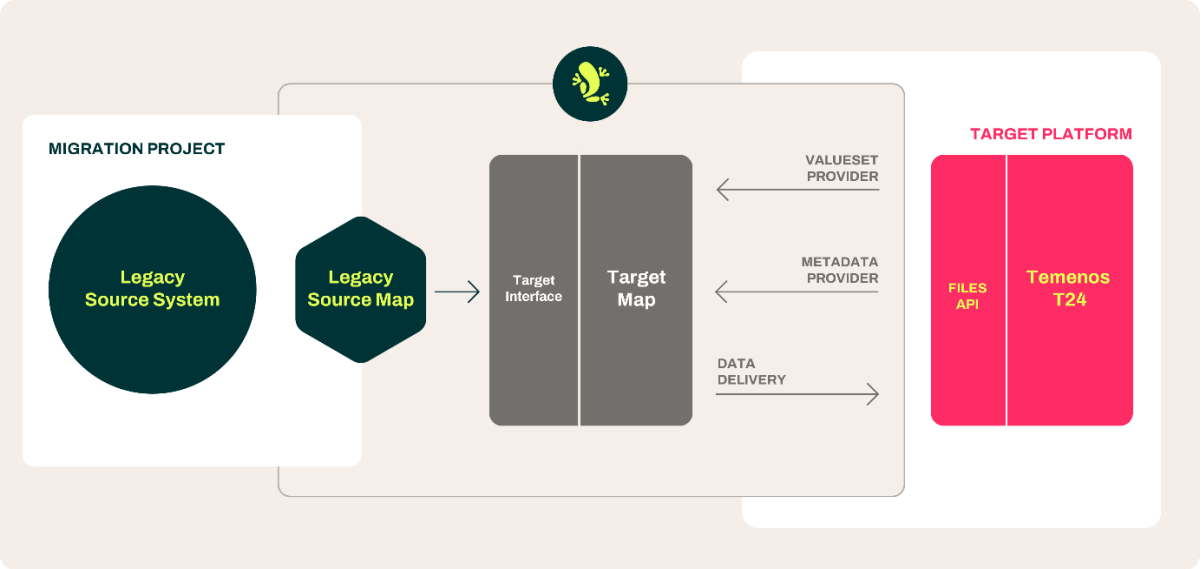
- Hopp complete an iteration of the migration, it outputs a file per business object
- This file is imported to T24

- T24 will then create the business objects

Each iteration loads the records that have not errored.

This way, after every iteration, the objects delivered to Temenos T24 correspond exactly to the source files.

Figure 1. Hopp T24 Components



Testing the delivery

Testing using Hopp T24 can be mostly done without loading data onto Temenos T24. But how?

Iterations can be done multiple times in Hopp T24 without using Temenos T24 to test. As Hopp holds the source data, Valuesets and the Target Map data can be processed in full or any part to test and verify that data passed through Hopp T24 meets all requirements and is consistent.

When data are ready, they will be passed as objects on to Hopp T24 Delivery mechanism which inserts the data correctly into Temenos T24.

At this point Hopp provides valuable insight into the migrated data to assist during the secondary user test which is done in Temenos T24 to finally ensure quality is as expected for a given test phase or signoff.

Target System objects covered

The Target System objects that can be created by Hopp T24 can cover all of Temenos T24. We have a prototype available to demo T24 migration (which has Customers, Accounts and Card objects) and we would be happy to extend them to cover any Objects in Temenos T24.

Depending on the project's scope - all or some of these objects can be included.