

Data migration (QS1 to Framework)

Client Background

The customer is long-term-care pharmacy providing custom-packaged medications to nursing homes, assisted living communities and psychiatric hospitals. They work closely with their partners to improve dosing compliance, reduce errors and manage costs.

Client's Challenge

The Customer was using age old QS1 pharmacy management software which was having certain limitations with modern age processes in managing patient pharmacy data. Hence customer decided to move to the Framework software which is more modern software provided by Softwriters.

But there is no direct way to migrate data from QS1 to Framework and needed some strong migration expertise. Also manually re-entering data for around 1400 patients was practically time consuming and they had strict timeline to start using the new software.

The Our Approach

Since we are already doing manual data migration for many of the pharmacy customers, the customer approached us for this migration task. With the knowledge of patient data and technical expertise at advantage, We proposed the data migration in 3 steps (ETL):

- **E**xport the data from QS1 as source system
- **T**ransform the data into required format using database SQL scripts
- **L**oad the data into destination database of Framework system

The migration covered below data:

- Patient Fields
- Medical condition fields
- Patient Allergies fields

- Patient Reorder ECS fields
- Physician fields
- Patient insurance / MOP fields
- Patient reorder records fields
- Reorder ingredient fields
- Reorder Directions fields

Successful outcomes and results

- The manual data migration would have taken around 3 months time for 5 resources, the our technical solution completed work in 5 weeks (actual work was for 3 weeks. The additional 2 weeks were due to waiting period from customer side).
- No data mismatch as data mapping is covered in second step of data transformation

Technology used

SQL scripting