

## **SMALL AND MEDIUM BUSINESS (SMB) DATA MIGRATIONS**

### **PROBLEM STATEMENT**

Small to medium sized businesses (SMB) pharmaceutical companies and CROs requiring data migration due to product divesture or system upgrades with limited resources.

### **(1) SMALL CRO ON ARISg TO ARGUS MULTI-TENNANT**

A client needed to move more than 13 independent instances of ARISg hosted by Aris Global to multi-tenancy Argus Safety Database hosted in the Foresight® Cloud. The client had limited resources and no ability to perform an Argus implementation or migration.

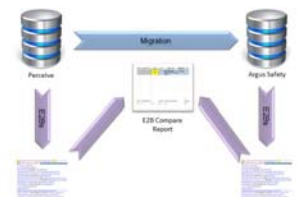
### **SOLUTION**

Foresight was engaged to perform both the Argus implementation and a programmatic Data Migration using its proven methodologies within approximately four (4) months. Foresight's data migration methodology ensures the highest level of data confidence and provides a substantial savings to the client in terms of project timeline and cost.

- A thorough analysis on the client's existing data was conducted by Foresight to identify data quality issues, define requirements and data reconciliation
- The Foresight® Data Migration Framework was utilized to ensure quality and enable a streamlined and cost effective process:
  - Foresight's database mapping templates were utilized to quickly map over 80% of source to target mapping
  - Foresight's standard templates for all migration deliverables including PQ scripts were utilized
  - Foresight's validated E2B Comparison tool was used during qualification activities to quickly analyze over 150 E2B data points for dozens of cases at a time
  - Automated validation scripts and reports to perform minus queries, record balancing, etc.

### **RESULT ACHIEVED**

- The migration project was successfully completed in 4 months with no additional client resources than originally allocated
- Over 12,000 cases from 13 different instances were successfully migrated in 1 day
- Qualification activities were managed remotely by Foresight at the behest of the client and were concluded in 1 week



### **CHALLENGES**

- Short implementation timeframes
- Limited data migration budget
- Limited client project resources
- E2B R2 is a limited data source

### **SOLUTION**

- Utilize Foresight's proven data migration methodology
- Proven accelerators and templates
- Highly reusable and standardized migration database objects allow for accelerated code development
- Flexible Foresight® Data Migration Framework provides tracking, error and warning logging for enhanced data migration analysis in regards to performance tuning and data anomalies
- Exception table methodology and pre-migration checks ensure that last minute changes (configuration or case data) can be addressed properly which migrates as many cases cleanly as possible



### About Foresight

Foresight Group International AG is a global provider of drug safety and risk management professional services and solutions.

With over 200 employees in North America, Europe, Japan and India — we are the largest professional services firm in the world focused exclusively on drug safety and risk management.

Foresight provides all of our core services in both English and Japanese, including service desk for our managed services.

To learn more about Foresight, visit [www.foresightgroup.com](http://www.foresightgroup.com).

### Core Services

- Hosting and Managed Services
- PV Process Design & Optimization
- Safety System Implementation
- Custom Reporting
- Signal Management
- Risk Management
- Inspection Readiness & Response
- Benchmarking and Analytics

### Our People

- Experienced (average 8+ yrs.)
- PV process & systems experts
- Program managers
- Analysts and architects
- Developers and testers
- Many from industry
- Bi-lingual English & Japanese
- Local knowledge, globally

## SMALL AND MEDIUM BUSINESS (SMB) DATA MIGRATIONS

### (2) E2B DATA MIGRATIONS

Many clients require migrating legacy cases from a 3rd party as part of acquiring a new product or moving a licensed product in-house. Sometimes the only source for cases per the contract with the 3rd party is an E2B dump rather than a full database dump containing all case information. Other times, smaller clients do not have the budget to perform a full programmatic data migration, so they want an E2B migration to reduce cost.

### SOLUTION

Foresight has been engaged multiple times to perform E2B Data Migrations using our proven data migration methodology.

- A thorough analysis on each client's source E2B data was conducted to identify issues and define requirements
  - Often times, Foresight works with our client to obtain additional data from their partner to supplement the E2B data to help address critical information not supported by E2B. This additional data is then merged with the E2B data by Foresight
- Assisted the client in updating their safety database configuration for the products and studies being migrated into the target system
- Proven accelerators were utilized to ensure quality and enable a streamlined and cost effective process:
  - Foresight's database mapping templates were utilized to quickly map over 95% of source to target mapping.
  - Foresight's standard template for all migration deliverables including PQ scripts were utilized.
  - Foresight's validated E2B Comparison tool was used during qualification activities to quickly analyze over 150 E2B data points.
  - Automated validation scripts and reports to perform minus queries, record balancing, etc.

### RESULT ACHIEVED

- The migration projects were successfully completed in 60 to 90 days with no additional client resources than originally allocated
- Qualification activities were conducted on site with the client and were concluded in 1 week
- Deliverables and overall process successfully passed review of the client's Quality standards
- In process cases remained in the correct workflow steps, assigned to the same users
- Client's Periodic Reporting requirements and process remained unaffected

