



# A Better Option for SDTM Transformations

## About

Saama's Source to Submission (S2S) automates the complex SDTM transformation process — with advanced artificial intelligence (AI) and machine learning (ML) — allowing sponsors and CROs to simplify and accelerate their regulatory submissions. S2S eliminates manual, slow, and inefficient SDTM transformation processes, improving data quality and accelerating your time to market.

## Benefits

### Accelerate Time to Submission

- Automated data mapping eliminates manual mapping processes
- Save time, particularly when dealing with large, complex data sets

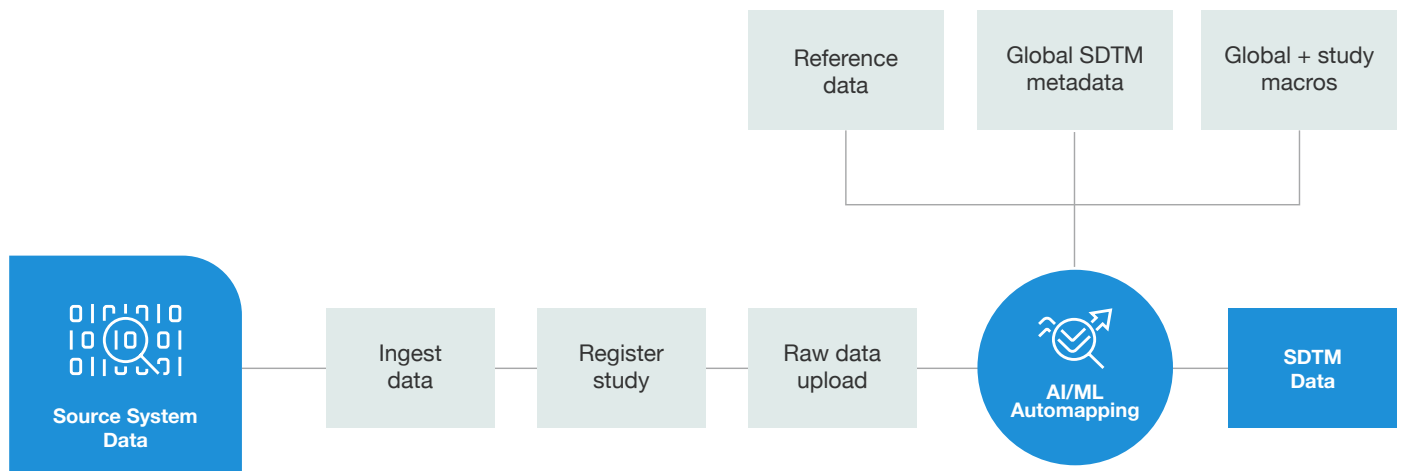
### Better Utilize Existing Resources

- Current SDTM transformation processes are slowed due to required handoffs between multiple functions
- Automation allows clinical programmers to manage more studies and frees up team members for higher-value activities

### No Need to Maintain CDISC SDTM Standards

- Maintaining SDTM mapping standards is costly and labor-intensive
- CDISC standards are maintained and continually updated within S2S
- S2S automatically adjusts mapping for study design changes

## How Source to Submission (S2S) Works



## Features

S2S leverages advanced AI/ML to help you optimize and accelerate SDTM transformations.



### Automated Data Mapping

S2S uses artificial intelligence and machine learning (AI/ML) models to automatically map data fields from various sources into a common model.



### Train AI/ML Models on Historical Data

S2S's AI/ML models can be trained on your previous study data, increasing the accuracy of SDTM mapping.



### Train AI/ML Models on User Inputs

AI/ML models continuously improve, enhancing data mapping accuracy over time.



### Apply AI/ML Maps to Future Studies

New AI/ML-driven maps are created automatically and saved in the global library for use with future studies.



### Global Metadata

A library of source and target metadata maintains conformance of submission data towards CDISC SDTM and sponsor standards.



### Global Library

A library of reusable maps and macros organized by therapeutic area, indication, project, and study helps users create maps quickly.



### Scheduled Jobs

Data ingestion — from Saama's Data Hub — and transformation jobs can be scheduled to run immediately or at a future date.



### Snapshots

Users can save a snapshot of their in-process work and come back later. Users can also use snapshots to support interim analyses before new data is loaded.



### Integrates with Python

Supports Python transformation languages and gives users the ability to write their own Python code and save it in S2S's global library.



### Submission Package

Export SAS transport files for submission and integrate with Pinnacle 21 to ensure submission compliance.



## The Saama Difference

Only Saama offers AI/ML-driven solutions trained specifically for life sciences on over 300 million data points. These proprietary models power S2S, resulting in fast and accurate SDTM data transformation. Eliminate complex and manual SDTM transformation processes and accelerate your trial — intelligently — with Saama.

Contact us at [info@saama.com](mailto:info@saama.com) to schedule a personalized demonstration.