

Knowledge management platform for translational research

From the team that built tranSMART

Key considerations

Many research enterprises possess vast amounts of data that is trapped in organizational silos because investigators and their work are separated by therapeutic area and/or development stage. Integrating internal knowledge with external data from open and commercial sources poses yet another set of challenges. The research enterprises that resolve data sharing across their investments are in a better position to leverage data as a strategic asset and to advance clinical research including trial execution. Many of the largest biopharmaceutical firms, government entities, and academic medical centers have

solved this challenge using the tranSMART knowledge management platform with supporting services from ConvergeHEALTH, the team that originally developed tranSMART.

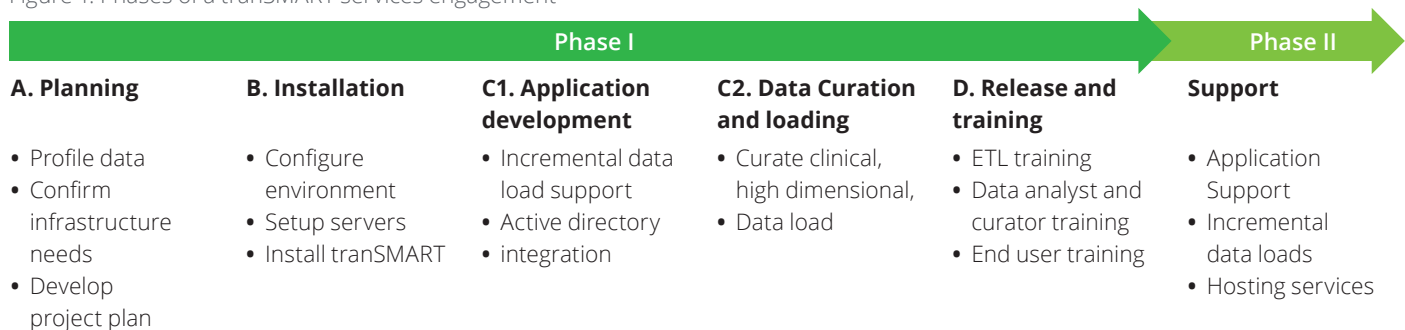
tranSMART services

ConvergeHEALTH offers partial collaborative assistance through turn-key platform management, and has numerous referenceable tranSMART deployments located throughout the world. Engagement duration is scope dependent with pilot deployments in typically 3-6 months and production deployments in 6-9 months.

What is tranSMART?

An open source knowledge management platform developed by ConvergeHEALTH in 2009. tranSMART can be your centralized view of existing internal knowledge (e.g., therapeutic areas and development stages) aligned with external data from open and commercial services. Your scientists can use tranSMART to overcome barriers to a specific goal of translational science: understanding the impact of genetic variation on diseases and their treatment.

Figure 1: Phases of a tranSMART services engagement

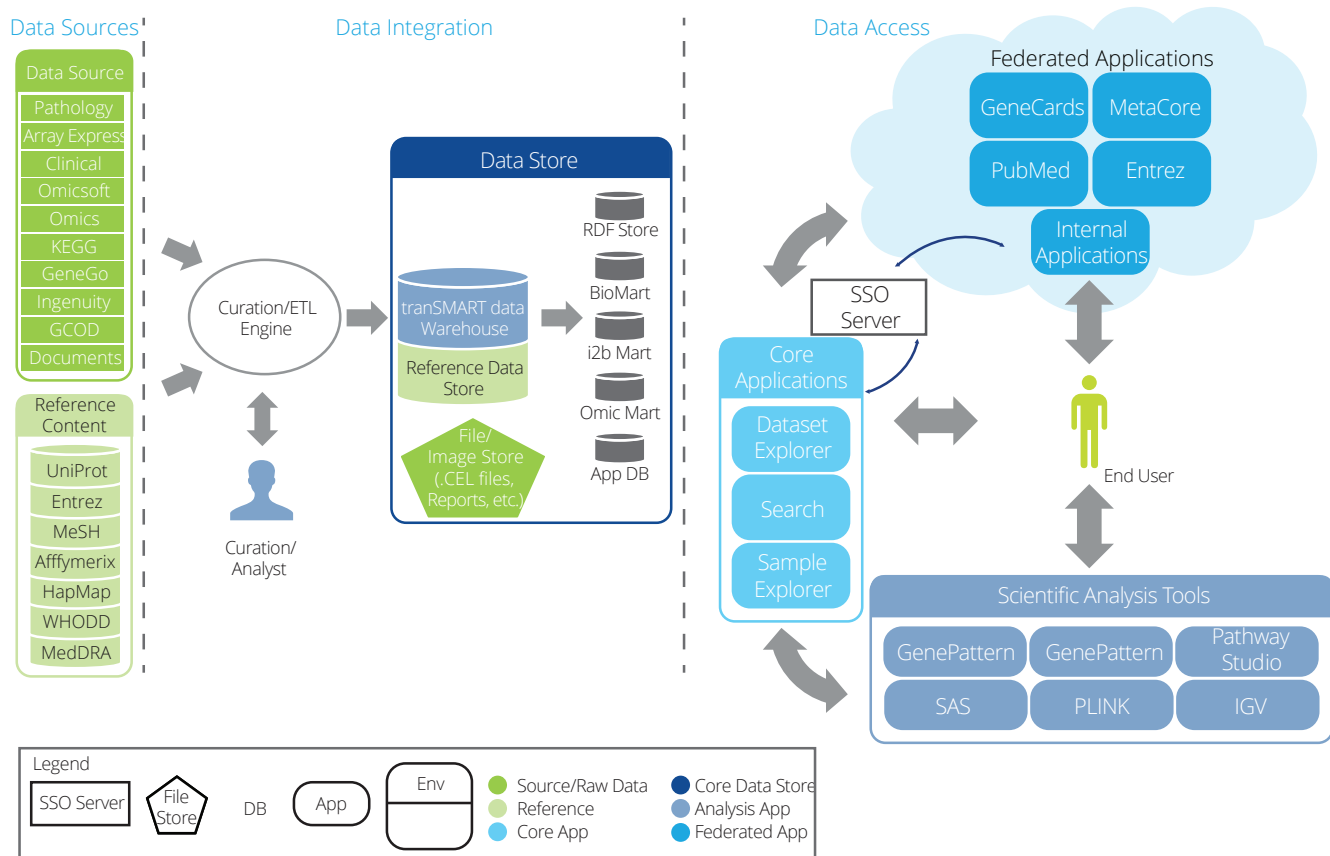


Primary translational research use cases

Use case	How ConvergeHEALTH can help you
Supports Biomarker Identification	Measure the presence or progress of disease or the effects of treatment
Enables Cross-Study Analysis	Gain insight from multiple clinical trials to improve other studies and therapies
Manages Discovery and Pre-Clinical Data	Explore and exchange research and development knowledge across disciplines
Integrates Public Genomic/Genetic Study Data	Leverage numerous public data assets for your own analysis
Manages Research Hypotheses	Utilize data for model building, parameter estimation, and report generation

Solution architecture

ConvergeHEALTH's extensive experience developing and implementing tranSMART has led to the creation of a reference solution architecture that is leveraged and expanded to meet requirements across our client portfolio.



Get started with tranSMART

Schedule an introductory call with ConvergeHEALTH to discuss your current capabilities and goals for a tranSMART deployment.

Contact convergehealth@deloitte.com
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