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# SAS Clinical Data Integration Software Demo
# Software Demo Track

## SAS CLINICAL DATA INTEGRATION SOFTWARE DEMO

This session will demonstrate key capabilities of the SAS Clinical Data Integration solution. SAS Clinical Data Integration eases the task of organizing, standardizing and managing clinical research data and metadata through an easy-to-use graphical user interface. With SAS Clinical Data Integration, you gain both speed and efficiency by automating repeatable clinical data integration tasks.

## INDUSTRY FORCES DRIVE THE NEED FOR EFFICIENCY

The biopharmaceutical industry is under pressure to accelerate time to market for new therapies - while simultaneously lowering costs and increasing productivity and efficiency in R&D. A key to compressing the cycle is to streamline the data management tasks that gather and prepare clinical data for analysis, reporting and submission. Traditionally, the process of preparing clinical trials data for analysis has been cumbersome and resource-intensive. Typically, the data needed for analysis of drug safety and efficacy resides in multiple, disparate systems. Plus, there are additional data manipulations and standardizations needed to prepare data for regulatory submission. With current processes, every clinical trial may require just as much effort as the previous ones – sometimes with little re-use of existing code.

There is much room for improvement in the traditional operating model by taking advantage of industry standards, code re-use, visual user interfaces and automated data integration processes. Contract research organizations (CROs) can reduce the cost of their services while simultaneously growing revenues through new service offerings such as legacy data migration projects and Clinical Data Interchange Standards Consortium (CDISC) standards consulting. By efficiently standardizing legacy clinical data, pharmaceutical and biotechnology companies can unlock the scientific and business value hidden in their clinical repositories – possibly previously unforeseen effects that may lead to successful novel therapies. In addition, these companies can leverage their standardized clinical data for more efficient and effective cross-study data analysis, review and utilization.

## SAS CLINICAL DATA INTEGRATION

SAS Clinical Data Integration integrates clinical data from multiple sources, enables access to all data regardless of source or format and automates data loads for clinical data on a more frequent schedule. The solution helps you prepare standard, uniform, consistent data for analysis:

- Includes flow control, integrated error reporting, job performance monitoring and statistics, and reporting.
- Provides tools to support aggregation of data across clinical trials.
- Provides a full mapping of data source (where data came from), data manipulations (how the data has been manipulated) and the final destination for data.
- Helps you plan for and report on the impact of any process changes
- Automates data quality activities so less time is spent validating incoming clinical data.
- Performs standards adherence checks.
- Includes prebuilt support for CDISC models, including SDTM and CRT-DDS (define.xml), and is extensible for custom models.
- Provides specialized transformations for mapping clinical data to a standard model.
- Matches the application of standards to study requirements.
- Provides lifecycle management for standards as they evolve.

## INTEGRATION WITH LEADING EDC SOLUTION

The software demo will also show how SAS Clinical Data Integration can be seamlessly integrated with a leading EDC solution to provide rapid, automated access to clinical data for analysis. The integration between SAS clinical Data Integration and Medidata Rave EDC streamlines access to clinical study data and thus speeds clinical analysis and decision making.