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Centrus™

Transforming Early Development

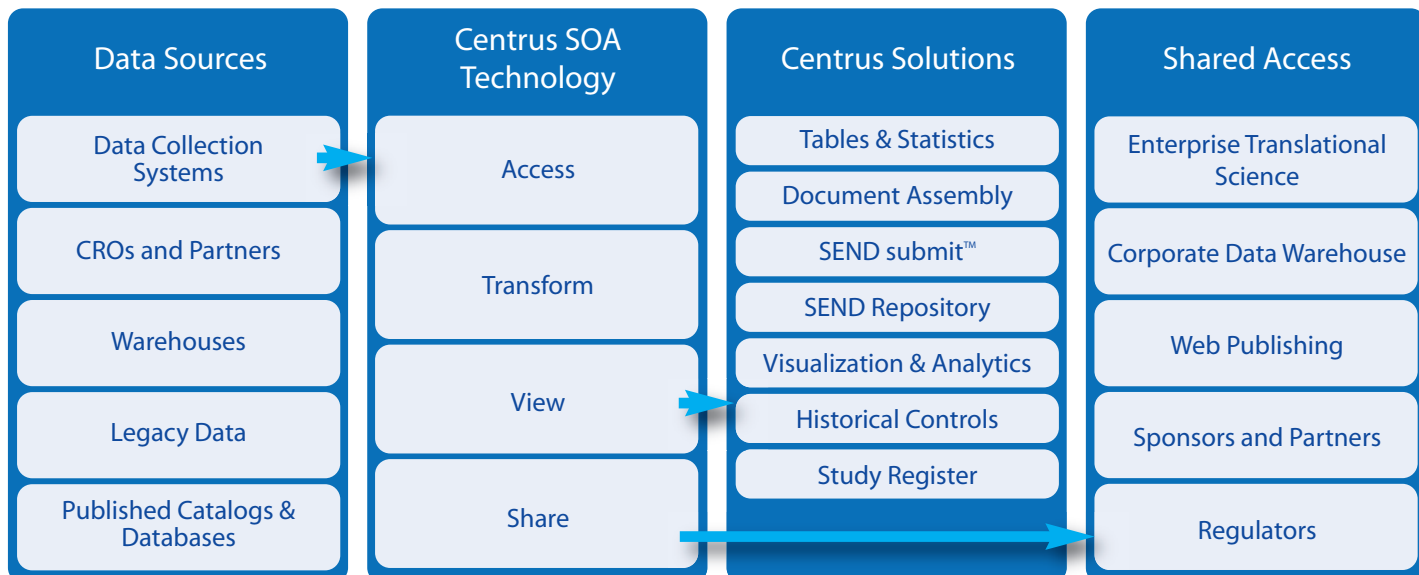
Instem's Centrus™ solution suite provides a single, secure environment to access, harmonize and use early drug development information from a variety of sources, including current data acquisition systems, legacy systems, warehouses, partner and contract research applications, to meet the rapidly-expanding needs of life science organizations for data-driven decision making.

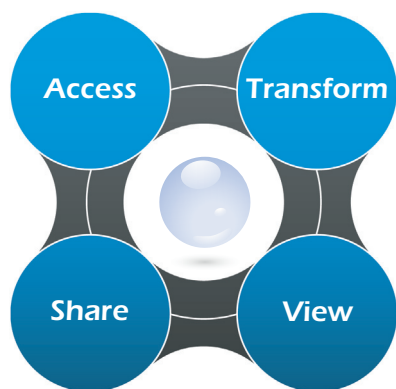
Information can be shared with your colleagues, partners and sponsors, providing the global view needed for efficient safety and efficacy analysis. Use historical study data to inform today's research, including:

- Legacy data captured by retired systems
- Information transmitted by sponsors and partners
- Results stored in corporate data warehouses
- Live laboratory data management systems
- Published catalogs and data sources

Created specifically for early development, Centrus provides tables, views, and models built on a harmonized, open architecture for the greatest flexibility possible. The power of Instem's Tables & Statistics™ solution allows harmonized table formats rendered in PDF, Word, Excel and XML to be incorporated into Instem's Document Assembly module, regardless of data source. Multiple streams of data are also available to submit™, allowing a complete SEND (Standard for Exchange of Non-clinical Data) submission to be created from a single source, as well as for historical controls analysis and reporting, standard and custom warehouse feeds, and a Business Objects Universe for mining and queries.

***Access.
 Transform.
 View.
 Share.***





- **Access** data from multiple sources
- **Transform** for consistency
- **View** in meaningful ways
- **Share** with colleagues, partners, sponsors

The Open Architecture design of Instem's Centrus solution suite allows data to be published in a vendor-neutral XML format, suitable for distribution to sponsors and partners. It allows data in this same format from sponsors and partners to be included in the accessed data set. This unique Exchange capability opens your enterprise to efficient, seamless contract study data aggregation, review and reporting without manual intervention.

Standardized XML study output also underpins the Instem Warehouse capabilities, providing tools for loading existing corporate warehouses, as well as creating a new standard warehouse for mining, and connecting with the larger research organization. This creates the ability to:

- Identify potential safety and efficacy issues early through data mining and analysis
- Expose relationships between chemical structures and preclinical findings to shape candidate drugs earlier
- Find connections between preclinical markers and clinical outcomes to better predict future results
- Draw on historical study data to inform today's research and development, saving time and money

Integrating Scientific Interpretation

Having a broad range of results available for efficient review is just the first step for the interpretation of those results into safety and efficacy conclusions that inform decision making. Instem's Centrus solution suite includes capabilities to allow scientists to make interpretations and conclusions part of the study record, and thus available to the broader research community. Features such as version control and audit trails allow traceability and compliance expected from all Instem products.