Clinithink
CLiX ENRICH

clinithink

Increase the potency of analytics solutions using unstructured data

Healthcare technology platforms have a wealth of clinical information locked away as unstructured text. Acquiring the tools and building the infrastructure to access and use this information is costly and resource intensive. CLiX ENRICH, powered by CLiX CNLP (Clinical Natural Language Processing), addresses this problem with robust capabilities to mine unstructured data and deliver valuable information for clinical analytics.

Specifically designed for data abstraction and analytics solutions, CLiX ENRICH is able to seamlessly extract and encode unstructured data, filter for specific clinical conditions and format for use with structured data to complete a full aggregate view for analytics. Comprised of three core and two optional modules, CLiX ENRICH offers the flexibility, control and capacity to utilize and interrogate unstructured clinical data for the purpose of seeking answers to an array of complex healthcare questions in a variety of business contexts.

The CLiX ENRICH solution harnesses the power of Clinithink's CLiX CNLP engine—encoding structured output from unstructured narrative. Core modules provide refinement with pre-defined queries, storage of data to persist at various stages of processing and published query results in BI tools using existing open standards. Optional modules enable targeting of specific use cases through industry standard maps and further refinement for targeted clinical conditions.

For healthcare IT vendors and their customers, CLiX ENRICH is a comprehensive solution delivering robust capabilities to interrogate and analyse unstructured clinical data.

Clinithink CLiX ENRICH—

- **Includes valuable new data for existing BI efforts**
- **Quickly refines large data corpus for specific criteria**
- **Enables longitudinal analysis using historical data and query sets**
- **Provides output compatible for use with ICD and RxNorm**

Industry Needs:

- Harness unstructured data within any BI platform
- Better identification of high-risk, high-cost patient populations
- Improved preventative care
- Faster and more accurate clinical trial candidate identification

Key Features:

- Three core modules: CLiX CNLP, CLiX Query and CLiX Store
- Two option modules: CLiX Map and CLiX Author
- Output data in relational format
- Integrate via ODBC connection
- Map to standard terminology such as ICD-9 or RxNorm