



SmartDiscovery™ Medical Analysis

An End-User Workspace Application for Medical & Scientific Research and Analysis

Streaming text, message traffic, cables, reports – the data that medical information managers have to contend with is voluminous. And health professionals don't always know which piece of text may be connected to another piece. Any of this data could be the next critical discovery during a medical history review, diagnosis, or advanced medical research project, or life sciences product analysis.

Today, many information managers are still "hand-chunking" text manually to load meaningful elements (names, places, organizations, symptoms, prescriptions, inventory, etc.) into databases for storage and search. It's time that life sciences companies and health agencies automate this process.

By using Inxight's medical analysis solutions, health information officers and medical personnel can automatically gather information and identify, extract and classify care-critical entities (people, places, addresses, dates, organizations, medications, medical procedures, examinations, etc.) in unstructured text (in multiple languages) providing faster, more accurate actionable medical and life sciences intelligence.

With Inxight, there is no more hand-loading of data into large repositories and no need for highlighters on hard copy. Inxight's solutions encompass the elements of successful optimized health information and technical trends management: research, acquisition, extraction, and visual exploration.

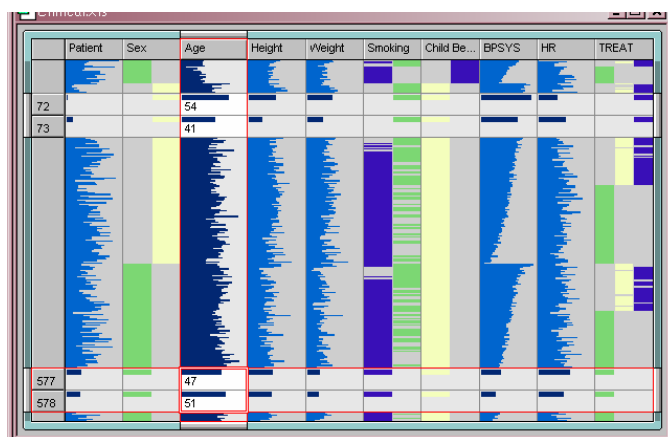
Once information is gathered using the Inxight SmartDiscovery™ federated search product or other data collection methods, Inxight aids the **Medical & Life Sciences Information Cycle** by categorizing, summarizing and clustering information. Mission-critical data elements can then be extracted, stored appropriately, and linked within and across documents.

Entity extraction is an essential tool for medical records evaluation and research projects that require link analysis, event tracking and order of treatment analysis. Inxight ThingFinder® is a powerful text-analysis application that automatically identifies and tags more than 40 entity types in a document, including, inventory, pharmaceuticals, facilities, practitioners, medical treatment, people, places, and things. Relations and events are also automatically identified, including familial relations, travel events and personal attributes. Intelligence Information Report (IIR) format-specific information is also processed, such as distribution control information and report topics.

After this information is stored, health and life sciences agencies can then use Inxight's StarTree® to visualize, reveal and explore treatment or research relationships. This combination enables health agencies to quickly find and disseminate critical information buried in mountains of data.

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Inxight TableLens™ allows users to observe data density and correlations across dozens of dimensions and tens of thousands of records.

"The problem of scattered, inaccessible information is costly to today's organizations. IDC estimates that the inability to find information costs an enterprise with one thousand knowledge workers \$6 million a year. The opportunity costs are even higher."
- Sue Feldman, IDC

Forces, Trends and Factors Shaping the Life Sciences Industry:

- Cost of Research & Development growing 20% faster than sales.
- Average development cost per drug has gone up from \$130MM in 79 to \$600MM in 02.
- Diminished market exclusivity period.
- Regulatory compliance issues reducing the number of approved compounds.
- Increasing failure rates of compounds during pre-clinical and clinical trials.
- Rush to be "First to Regulatory Organizations".
- M&A activity and consolidation.
- Impact of electronic signatures and e-submissions.
- Increased government surveillance.
- Patient recruitment and retention challenges.
- Use of CRO's and other outsourcing providers.
- Advent of personalized medicine.

Immediate Applications in Life Sciences Companies:

Research & Development

- ⇒ Reuse research reports based on scientific, process, and enterprise vocabularies.
- ⇒ Leverage best practices in context as captured in internal documents.
- ⇒ Apply clinical trials and market experience during new drug development.
- ⇒ Identify expertise and competencies based on document collections.

Licensing & Competitive Intelligence

- ⇒ Analyze external patent collections along with internal applications & inventions.
- ⇒ Integrate external competitive data with internal vocabularies and process.

Clinical Trials

- ⇒ Screen/evaluate clinical trial data and documents more efficiently.

Sales & Marketing

- ⇒ Visualize documents and activities as part of marketing launch of medical products.

About Inxight Federal Systems Group

Inxight Federal Systems Group, Inc. is a wholly owned subsidiary of Inxight Software, the leading provider of enterprise software solutions for information discovery. For more information, visit www.inxightfedsys.com or call 408-738-6200 (in the U.S.) or +44 (0) 1252 761314 (in Europe).

About Trinus Technologies, Inc.

Trinus Technologies is an information technology company focusing on the corporate, government, intelligence and medical markets. For more information, visit www.trinustech.com, or call 780.968.1333 or toll-free 877.489.9985, or email sales@trinustech.com

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