



Research and Development

Solution Overview

Companies engaged in the production and manufacturing of goods must invest in Research and Development (R&D) to be successful in this competitive world. More than ever, organizations are facing increasing pressures such as growing competition, increased government regulation, product segmentation, corporate consolidation and of course, time to market. Even with these challenges organizations must still deliver innovative products to remain competitive; and deliver them on time.

We've all heard it said, "time is money", therefore organizations need to manage the challenges and the amount of time it takes to get their products through the development, testing and launch stages. This directly affects the company's bottom line. Many of these challenges lie in a company's ability to extract knowledge from raw data and to make it readily available where and when it is needed.

Chiliad helps organizations access and connect data from all available sources so researchers and developers can collaborate and enhance innovation

Fast, Efficient, Accurate, Laser Focused, Searches

Manufacturing companies all have the same questions and challenges with regards to research and development.

They are driven to improve the organization's ability to quickly and efficiently understand market changes and launch products.

They need to know how they can access and connect data from all available sources so researchers and developers can collaborate and enhance innovation.

They are challenged to minimize the time and cost associated with securely fusing all data together to create one clear picture.

Organizations and research and development departments need Chiliad Discovery/Alert. With Chiliad Discovery/Alert you gain a complete picture of all your data irrespective of location.

Features Include:

- Support for globally distributed data as well as data in legacy systems
- Support for unstructured and structured data
- Global ranking of results across all distributed data
- Single access point for all authorized data
- Data batching capabilities
- Federated search capabilities
- Contextual searches
- Search logging and tracking capabilities
- Faceted navigation for searches
- Real-time filtering and search alerts
- Integration with external data
- Support for multi-user data searches
- Distributed environment with nodes
- Geospatial options displays data such as entities and search results on a map

Benefits

Chiliad Discovery/Alert advantages include:

Quick Return on Investment (ROI): Reduce research and development costs by lessening the manpower and time needed to complete search queries.

Accelerated Product Development Cycle: Enable quick action on research information with real time alerts, fast distributed searches, global ranking and real-time fusion of content from distributed sources that connect the dots. This gives a unified view of all information resources without transferring the data across networks.

Improved Efficiency: Extend your research and development capabilities by eliminating duplicate exploration especially with error prone, time consuming, repetitive, and ineffective searches. Chiliad's indexing is done at the leaf nodes and gives a single access point to data. This allows clients to achieve reduced information processing time and improved research efficiency.

Streamlined Research Processes: Simplify the research process with batching and global ranking. This increases accuracy and empowers employees who can now redirect energies to other projects.

Stringent Security for Classified : Despite distributed repositories and access rights Chiliad's role-based discretionary access control guarantees that users only view content they are authorized to view. This protects intellectual property and trade secrets.

Chiliad Discovery/Alert solves stovepipe issues and promotes research & development:

- Does not disrupt existing systems
- Allows individual departments, divisions, business units, agencies and organizations to maintain control and management oversight over their information
- Does not place excessive burden on network bandwidth and computing resources
- Is scalable in terms of data volume, number of data sources, number of users and network distribution
- Provides the most relevant results, and a rich, navigatable knowledge base for analysis and drill-down regardless of how diverse and large the target data repositories