



## Investigative Analysis

### Solution Overview

Investigative analysis demands an agile solution that provides complete visibility into your data by making it easy to centrally access, analyze, and transform data into valuable information. Many organizations conducting investigative analysis depend on the accuracy and timely retrieval of this data hidden in various silos or forgotten in legacy systems. To ensure the success of their investigation they need to securely capture and share all pertinent data to connect the dots.

Chiliad Discovery/Alert delivers total insight into your data despite multiple warehouses, structure or unstructured data, and despite differing security access rights. By enabling a single, accurate, secure access point for data scattered across states, borders, and disparate systems, Chiliad Discovery/Alert powers the decision making of organizations previously bogged down by terabytes of buried data.

www.chiliad.com

### *Fast, Efficient, Accurate, Laser Focused, Searches*

Intelligence Directors, security Officers and Investigative Analysts all have the same fundamental business drivers, questions and challenges.

They are driven to improve the organization's ability to efficiently manage data, discovery capabilities, and labor resources.

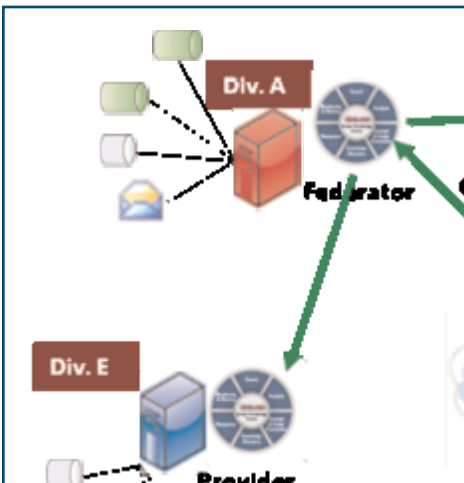
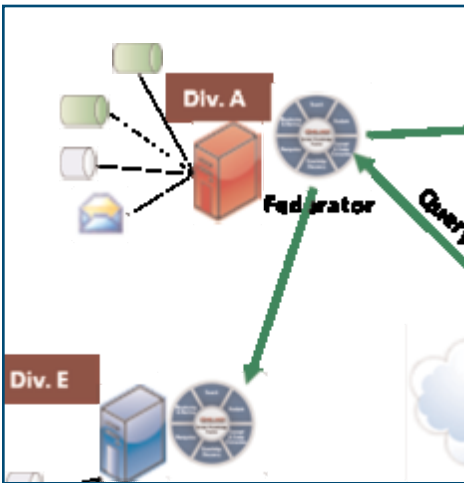
They need to know how they can access and connect data from all available sources to paint a clear and accurate picture of investigative analysis or security threats.

They are challenged to minimize the time and cost associated with securely fusing all data together to create information maps.

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

"We wanted to expand our reach and needed a system that allowed us to quickly and effectively access and analyze large amounts of data across multiple databases and time zones. The Chiliad Discovery/Alert delivered the needed capabilities."

*Solution Diagram*



*Benefits*

**Chiliad Discovery/Alert advantages include:**

**Quick Return on Investment (ROI):** Reduce investigation costs by lessening the manpower and time associated with completing search queries. Chiliad Discovery/Alert pays for itself within a few months.

**Accelerated Investigative Cycle:** Enable quick action on 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 investigation capabilities by eliminating 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 reduction in information processing time and an improvement in investigative efficiency.

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

**Stringent Security:** Despite distributed repositories and access rights Chiliad's role-based discretionary access control guarantees that users only view content they are authorized to view.

## *How Chiliad Discovery/Alert Works*

Chiliad Discovery/Alert platform utilizes a comprehensive peer-to-peer platform for search, analysis, monitoring, visualization and knowledge fusion that enables organizations to exploit their distributed information resources without compromising the integrity, currency or security of their data, and without sacrificing accuracy or completeness of results. Because it is designed to be deployed as a distributed, peer-to-peer architecture, rather than pulling information into a central repository or generating a central index, organizations place an instance of the Chiliad software at each location where information is stored and managed. Each node contains a full complement of the Chiliad Discovery/Alert software for indexing, searching, alerting, analysis and other functions. The Chiliad Discovery/Alert software at each node indexes the contents of one or more application or information source and makes it available for search and analysis. However, it is not mandatory to deploy an instance of Chiliad Discovery/Alert at each node. The software is fully capable of indexing remote data repositories as well as repositories at a deployment node. Many of the unique benefits of the platform however, are increased through a distributed deployment.

## *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

## **Why Chiliad Discovery/Alert**

A critical element in the Chiliad platform is the ability to operate in a distributed mode. Virtually all modern search and analysis systems use statistical methods to deliver the most relevant information to users. Chiliad Discovery/Alert uses a number of sophisticated statistical operations in determining relevance of a particular item in a user's request. Unlike other search and discovery systems, performance and accuracy of the Chiliad Discovery/Alert system are not degraded by operation across large or distributed data sets. Chiliad Discovery/Alert delivers results with the same fidelity, regardless of amount of data processed, and regardless of the number of different data sets involved.