

Phoenix DA™

Discovery & Archive Management



The Business Challenge

Locating and retrieving data from secondary storage has long been the responsibility of the IT organization. However, data growth, regulatory considerations, storage management, and business continuance issues have stretched most IT resources to the breaking point. The added duties of locating and retrieving data is overwhelming to many organizations. Nevertheless, corporate governance dictates quick and easy access to any required data asset.

Adding to the challenge is the difficulty of locating specific files in a sea of unstructured data. Without sophisticated search tools, it is all but impossible. The problem is compounded further because the typical administrator does not have the familiarity of the data that the original user does.

One decade ago, a simple backup and recovery solution managed by IT was considered to be a generally acceptable data management practice. Today, however, organizations equipped only with backup find themselves struggling with the basic demands of archived information retrieval.

Phoenix eDiscovery

The Phoenix eDiscovery provides an easy way to locate and retrieve archived data. This comprehensive solution empowers the end user to locate and retrieve data on their own without relying on system administration personnel. It puts the ability to find data in the hands of those who are ultimately more familiar with the required data, and in doing so, lifts a large burden from the shoulders of the IT organization.



Simple Search to Complex Search

Phoenix eDiscovery makes it easy to locate an individual file or discover collective sets of data related to a particular subject. Simple queries can be built around file attributes. More complex queries can be defined using ownership, subject, and source information as well as content keywords and phrases, and file attribute information. A full suite of Boolean operators and wildcard options are available to refine the search even further.

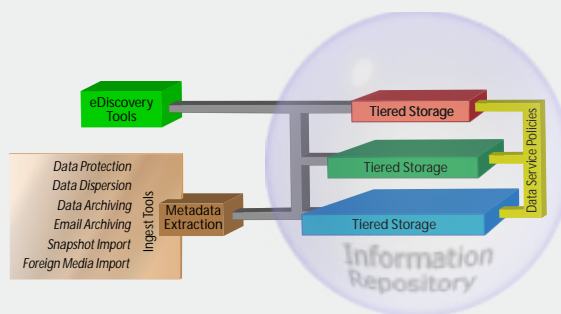
Search queries can be constrained to specific storage locations, or they can be defined to span the entire Phoenix Information Repository, an active, tiered environment comprised of secondary storage resources.

Phoenix will even locate data on media that is offline and off-site. In this case, a console message is sent to an operator describing what off-line media is required, and providing any notes concerning its location. As soon as the correct media is loaded, Phoenix retrieves the required data from it automatically.

▶ BENEFITS

- Email data is protected on a regular basis
- Primary email storage requirements are reduced. It is groomed of aged and nonessential data
- Primary email storage operates at maximum efficiency because only new and highly active email data is stored
- User mailboxes are kept at manageable space and email quantity levels by threshold-based policies
- IT management workloads are eased because users are empowered to conduct their own archived data searches
- Individual files are easily located and retrieved through an internet browser-like search interface
- Users are only able to view and access data they have proper permissions for through the preservation and utilization of original file access control parameters
- Collective sets of data are easily discovered using complex search queries that combine content information with file context attributes
- Data for legal discovery is easily protected from disposition and unauthorized access by assigning it to legal holding facilities
- Recovering groups of data is easy through a file-tree search result interface
- Identifying individual search results is made easy with a SERP interface

The Phoenix Information Repository



A Better Approach to Secondary Storage

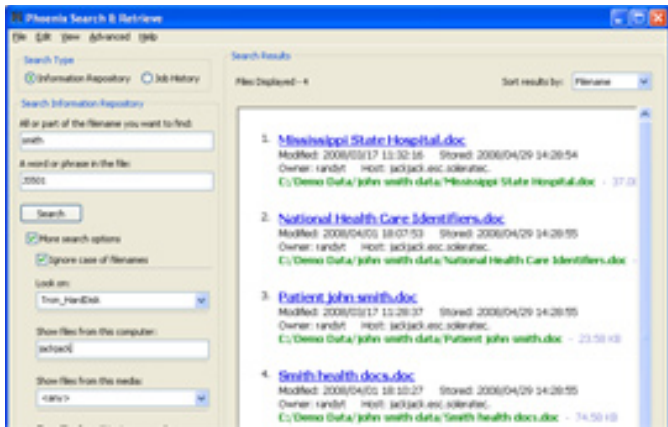
The Information Repository is the heart of Phoenix and the answer to secondary storage requirements. Instead of managing separate storage solutions for backup data, reference data, regulatory data, archive data, and others, Phoenix presents a suite of mixed storage resources as a federated information repository deployed as a single tier of secondary storage. Data service policies manage all the archiving needs of data within the active, tiered storage environment.

Tools for eDiscovery

In the case of legal discovery, files meeting initial discovery criteria may be moved or copied into special holding storage with different access settings. Legal hold settings ensure that data will be exempt from disposition policies. The data may be accessed by different personnel for further scrutiny.

Optimal Search Result Viewing Formats

Search results can be viewed in either of two formats. The file-tree view presents data in a format that matches the file structure from which the data originated. This is useful for restoring lost or damaged data en-mass. The Search Engine Results Page (SERP) format is similar to the view used by most internet search engines. It provides data relevance and sorting information that makes it easy to focus in on a more refined set of results.



The Phoenix Search and eDiscovery component enables users to perform their own search queries using file attribute and content information

Phoenix Search and eDiscovery supports all types of native file system data. As search results are returned, details about files are presented. Once data is located, a simple mouse click launches files to ensure that the user has found what is needed before actually retrieving the data from storage.

Special Handling for Specialized Data

Microsoft Exchange email files are supported and can be searched and viewed with ease. Emails can be restored to any Exchange server or network location.

Digital video data search results are represented by playable, low-resolution proxy files represented by a thumbnail file. This visual reference of visual data feature is unique to Phoenix, and makes it very easy to determine that the correct file has been located.

Search Security

Phoenix retains and utilizes the original security and permission attributes assigned to archived data. This ensures that users will never view or access any data to which they do not have proper authorization.

The Right Solution

When searching for data that can positively change a business outcome, you can rest assured that Phoenix Search and eDiscovery will leave no bit untested. Its ease of use, breadth of tools, and scope of operation make **Phoenix** the right solution to protect and find your company's most valuable data assets.

Designed for OEMs and Integrators

Phoenix is designed to be rebranded, integrated with other product offerings, and sold as an OEM solution.

For Hardware Manufacturers - Phoenix can be offered as a bundled archiving solution with an upgrade path to the full solution including specialized modules. It operates with any standards adhering storage hardware. The executable modules have a light footprint that can be configured as a loadable module, which self-installs on command and requires a low amount of CPU and memory overhead.

For Software Development Firms - Phoenix can be operated as a stand-alone software offering, or it can be tightly integrated with other software through an API, which is provided. Phoenix can be licensed in its entirety or as individual components.

For Solution Integrators - Phoenix is a robust data management and archiving solution that provides cost and resource saving benefits for your customers. It scales easily and works well with off-the-shelf computing hardware of average performance. It is easily configured and provides a great deal of operational flexibility. Phoenix is designed to be offered as a pre-configured solution, a custom configured offering, or to be sold as a service.



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▶ **COMPATIBILITY**

— **Operating Systems**

- Microsoft Windows XP, Server 2003, Vista, and Server 2008
- Apple Mac OS X
- Linux
- Please inquire for others

— **Hard-Disk Storage**

- JBOD, RAID, NAS, SAN

— **Tape Storage**

- LTO, SAIT, DLT, AIT, UXA, Exabyte, DDS, Libraries, Changers, Single Drives

— **Optical Storage**

- Blu-ray, CD, DVD, MO

About SoleraTec

SoleraTec is a leading developer of archive, storage, and digital asset management software for corporate customers. SoleraTec leverages a heritage of nearly a decade and a half to deliver a level of quality, sophistication, and technological advancement that has established it as one of the premier data protection solution providers in the industry. SoleraTec works through OEM relationships with hardware, software, and technology integrators to deliver complete data protection solutions. The company was established in 1997 by a team of industry veterans with experience deploying data protection, HSM, and storage management solutions to some of the largest companies around the world.