



#### Supported Data Sources:

- IBM Lotus Notes/Domino
- IBM Lotus Domino.Doc
- IBM Lotus QuickPlace
- IBM Lotus Quickr (Quickr for Domino and Quickr for WebSphere)
- Microsoft SharePoint on-premise or SharePoint Online (WSS 2003/2007, MOSS 2007, SPS 2003)
- Microsoft Exchange Public Folders
- Microsoft Office InfoPath
- Microsoft Office Groove
- File Systems
- Enterprise systems (DBMS, ERP, CRM, LOB)
- XML and Web services

#### Supported Content Types:

- Document libraries
- Discussion databases
- Tasks
- Calendars
- Blogs
- Wikis
- Custom applications

#### Data Type Conversions:

- Document links
- Attachments
- Rich text
- Multi-value lists
- Discussion response hierarchies
- Forms and views
- Revision history
- Metadata
- Directory structures
- ACL security information



## SharePoint™ Integration and Migration Services from CASAHL Technology

As Microsoft SharePoint rapidly gains market share as a popular collaboration environment, many companies are integrating or migrating existing applications from other platforms to SharePoint on-premise and/or SharePoint Online in order to provide better collaboration support for their workers. In many cases, companies can simplify their overall systems environment and reduce IT costs by converting older “legacy” applications from Lotus Notes/ Domino or Exchange public folders to SharePoint. Many companies also integrate SharePoint with enterprise DBMS, ERP, CRM, and LOB systems, enabling workers to collaborate with business critical content.

Integration or migration of entrenched systems to a new platform can be a difficult and expensive endeavor. Often, companies facing these challenges do not have qualified internal personnel with the requisite knowledge and experience spanning all the relevant systems or the time to plan and execute all the requisite integration and migration tasks. For these reasons, such projects often are avoided or delayed.

*CASAHL SharePoint Integration and Migration Services* can help you bridge the gap. CASAHL Technology has over 15 years of experience working with organizations facing a wide variety of integration and migration challenges. Let our expert consultants bring their collective experience to assist you with your integration or migration tasks.

### Description of Services

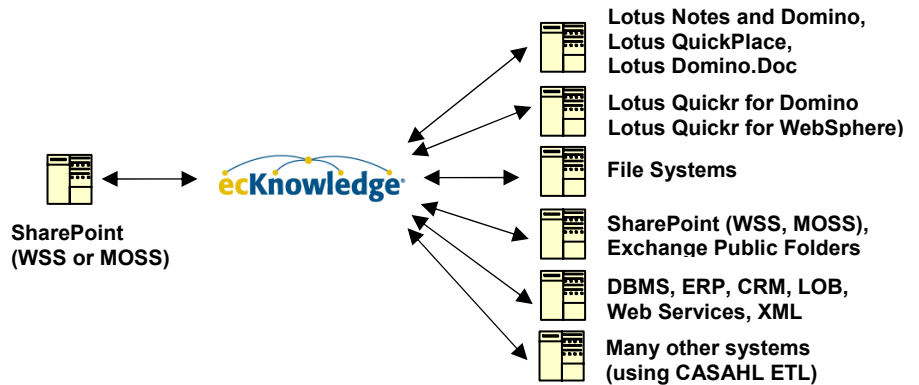
*CASAHL SharePoint Integration and Migration Services* will utilize the latest version of CASAHL ecKnowledge® software to integrate, extend, or migrate content from your Lotus Notes and Domino applications, Exchange public folders, enterprise applications, and file systems into your SharePoint environment. Specifically, CASAHL consultants will:

- Assist you in identifying critical data sources and content candidates for integration or migration to SharePoint (on-premise and/or Online)
- Install CASAHL ecKnowledge software
- Assist you in the design of the target SharePoint sites
- Set up all required ecKnowledge integration and migration jobs
- Create data transformation jobs to optimize content before delivery
- Migrate application-level and document-level security information from existing system access control lists (ACLs) to SharePoint, for uniform enforcement of security policies
- Develop staged migration processes, with appropriate frequencies for different data sources, to optimize hardware and network resources
- (Optional add-on) One-day training session on SharePoint Integration and Migration, covering the basics of how to maintain ongoing content integration tasks and develop new tasks as needed.

Duration: Up to 5 days on-site; with optional 5-day increments (on-site and off-site).

Typical Scenarios: Refer to the following pages.

## Common SharePoint Integration Scenarios



### Integrate, Migrate Applications and Content from

#### Lotus Notes and Domino:

- Template-based Applications
- Document Libraries
- Discussion Databases
- Tasks
- Custom Workflow Applications

#### Generate InfoPath Forms:

- Auto-generate InfoPath form definitions from Lotus Notes/Domino forms
- Migrate content to SharePoint

#### Migrate content from Lotus Domino.Doc:

- Migrate large libraries
- Retain versioning, metadata, binder and subfolder hierarchies, access control lists

#### Migrate content from Lotus QuickPlace:

- Consolidate selected content from multiple QuickPlace places into one SharePoint site
- Reorganize content from one QuickPlace place into multiple SharePoint sites

### Migrate Lotus Notes applications and content to SharePoint

Requirement: You have numerous Lotus Notes and Domino template-based applications and customized Notes workflow applications. You would like to transition some of these applications to SharePoint and .NET.

Solution: Using ecKnowledge, CASAHL will build a staged migration solution to migrate the desired applications and content to SharePoint. Workflow applications can be recomposed into .NET applications working with SharePoint with declarative workflow logic ready for easy extension or revision.

### Generate InfoPath forms from Lotus Notes/Domino forms

Requirement: You have many complex Lotus Notes and Domino forms that you would like to transition into InfoPath forms.

Solution: Using ecKnowledge, we will generate equivalent InfoPath forms from the Lotus Notes forms, retaining key elements of the original form. We can also use ecKnowledge to transform the content associated with the original forms to XML, bind it to the new InfoPath forms, and host the new forms in SharePoint.

### Migrate Lotus Domino Document Manager cabinets into SharePoint

Requirement: You want to migrate large, customized Domino.Doc cabinets to SharePoint, while retaining version history and binder and folder hierarchies.

Solution: Using ecKnowledge we will build a staged migration to transition data, metadata, access control lists, revision history, and binder and folder hierarchies into SharePoint. Both content and metadata are preserved with full fidelity in SharePoint.

### Reorganize QuickPlace places into SharePoint sites

Requirement: You have multiple QuickPlace places. You would like to move some, but not all of them, to SharePoint. As part of the move, you want to reorganize the QuickPlace content so that some content from several QuickPlace places is consolidated into a single SharePoint site and some individual QuickPlace places are split into separate SharePoint sites.

Solution: We will use ecKnowledge to build a migration solution that satisfies your reorganization requirements. We will build filter conditions to ensure that only the qualified QuickPlace content migrates into the designated SharePoint sites. After the initial reorganization, any subsequent new QuickPlace content can be incrementally migrated into appropriate SharePoint sites.

## Common SharePoint Integration Scenarios

### Coexist with Lotus Notes/Domino:

- Two-way content synchronization
- Automatic conflict detection and resolution
- Both sets of users can work in their preferred environment
- Migration not required

### Migrate content from File Systems:

- Staged migration of content from file shares to SharePoint
- Gain better document management and security
- Retain directory structures and metadata

### Migrate Content from Legacy Systems:

- Migrate content from eRoom, ShareNet, Documentum, Interwoven, Vignette, and more

### Synchronize SharePoint Sites (WSS / SPS / MOSS):

- Two-way content synchronization between WSS 2003/2007, SPS 2003, and MOSS 2007
- Consolidate or distribute content across multiple SharePoint sites
- Retain rich text, document links, attachments, and access control lists

### Upgrade or Migrate Between SharePoint Versions:

- Migrate content between WSS 2003/2007, SPS 2003, and MOSS 2007
- Combine content from multiple SharePoint sites into one site, or split content from one site into multiple sites
- Migrate version history and metadata along with content

### Coexist between SharePoint and Lotus Notes/Domino Applications

Requirement: Some departments in your company are using Lotus Notes and Domino systems. To improve cross-department collaboration, you want to seamlessly integrate some of the Lotus Notes content into your company's SharePoint collaboration site.

Solution: Using ecKnowledge, we will build a solution to synchronize the selected content in both systems, enabling both groups of workers to collaborate using their own preferred environment, without needing to migrate. We will build automatic conflict detection and resolution into the solution. If you later decide to consolidate the Notes/Domino environment into SharePoint, the same solution can be used to perform a one-time or staged migration.

### Transition content from file systems into SharePoint

Requirement: Much of your corporation's important content is stored in shared file systems. You want to store some of this critical content in SharePoint for better version control, security, backup, and sharing.

Solution: We will use ecKnowledge to build a solution to transition selected files into SharePoint, retaining the original file directory structure and the metadata.

### Migrate content from legacy systems into SharePoint

Requirement: Your company would like to migrate to SharePoint from eRoom, ShareNet, Documentum, Interwoven, Vignette, or similar systems.

Solution: Content from systems not directly supported by ecKnowledge can be migrated to SharePoint (WSS and MOSS) by means of an intermediate file format. You deposit your legacy system content into the published CASAHL XML format, and we will build an ecKnowledge solution that will process and bulk load the content into SharePoint (WSS and/or MOSS).

### Synchronize or migrate content between SharePoint sites (WSS, SPS, MOSS, SharePoint 2003 or 2007)

Requirement: You want to deploy multiple SharePoint servers in different geographic locations to improve local access to SharePoint content. You want to synchronize overlapping content among these SharePoint servers (WSS, SPS, MOSS, SharePoint 2003/2007) so that all the sites contain fresh content.

Solution: Using ecKnowledge, we will build tasks to synchronize selected overlapping content across all geographically distributed SharePoint servers. Automatic conflict detection and conflict resolution can be built into these tasks.

### Upgrade or migrate content between SharePoint 2003 and 2007

Requirement: You want to upgrade and migrate content from SharePoint 2003 (v2) to SharePoint 2007 (v3). As part of this process, you want to consolidate some of the content from multiple SharePoint sites into a single site and split the content from some individual sites into multiple new sites.

Solution: We will build ecKnowledge tasks to migrate the desired content from SharePoint 2003 sites to SharePoint 2007, consolidating multiple SharePoint sites into single new sites or splitting content from one site into multiple sites, as requested. We will build coexistence tasks to synchronize content between old and new environments throughout a phased migration. ecKnowledge migrates version histories and metadata along with the content.

## **Common SharePoint Integration Scenarios**

### **Migrate from SharePoint on-premise to SharePoint Online:**

- Staged migration from SharePoint on-premise to SharePoint (“in the cloud”)
- Coexist between environments for a smooth transition

### **Migrate content from Exchange Public Folders :**

- Selective migration of Public Folder content to SharePoint and/or XML
- Generate InfoPath forms from Public Folder forms
- Full content fidelity
- Permissions transfer
- Retain folder structure



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### **Migrate on-premise SharePoint sites to SharePoint Online sites**

Requirement: Your company has decided to move from on-premise SharePoint sites to SharePoint Online sites.

Solution: Using ecKnowledge, we will build solutions to move all the desired content from the on-premise SharePoint sites to the SharePoint Online sites “in the cloud”. We can implement a one-time or a staged migration, according to the needs of your organization. We will use ecKnowledge to build coexistence solutions between the two environments, so users can enjoy a gradual and smooth transition to the SharePoint “cloud”.

### **Migrate Exchange Public Folder content into SharePoint or XML and InfoPath forms**

Requirement: Your company has a large volume of content stored in Exchange Public Folders. You would like to migrate some of this content into SharePoint for better management, searchability, and compliance. You also want to display some of the information in InfoPath forms, similar to the Public Folder forms.

Solution: Using ecKnowledge, we will build a solution to migrate content from selected Exchange Public Folders into SharePoint, mapping data types, names, and security into their equivalent SharePoint structures. We can use ecKnowledge to generate equivalent InfoPath forms from the Public Folder forms and build solutions to host the new InfoPath forms in SharePoint. We can also use ecKnowledge to transform the content associated with the original Public Folder forms into XML bound to the InfoPath forms.

## **About CASAHL Technology**

CASAHL Technology provides software to integrate, extend, or migrate content between Microsoft and IBM Lotus collaborative applications and enterprise systems. Since 1993, more than 1,500 organizations have employed CASAHL solutions to replicate data and applications between Microsoft collaborative applications (such as SharePoint, InfoPath, Groove, and Exchange public folders), Lotus Notes and Domino collaborative applications (including Lotus Quickr, QuickPlace and Domino.Doc), and enterprise systems (such as DBMS, ERP, CRM, LOB, and file systems). In addition to its award-winning products, ecKnowledge® and Replic-Action™, CASAHL offers training and consulting services for analysis, integration, coexistence and migration projects. CASAHL maintains in-depth knowledge of and expertise in both Microsoft and IBM Lotus technologies and is a member of the Microsoft SharePoint Design Advisory Council (since 2004) and the Lotus Quickr Design Board (since 2007). CASAHL has also licensed its technology under OEM agreements with IBM (1993, 2007), Sybase (2000), Microsoft (2003), and Groove (2005). For more information about CASAHL products and services, visit our website at <http://www.casahl.com>, e-mail [info@casahl.com](mailto:info@casahl.com), or phone 925-328-2828.

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