



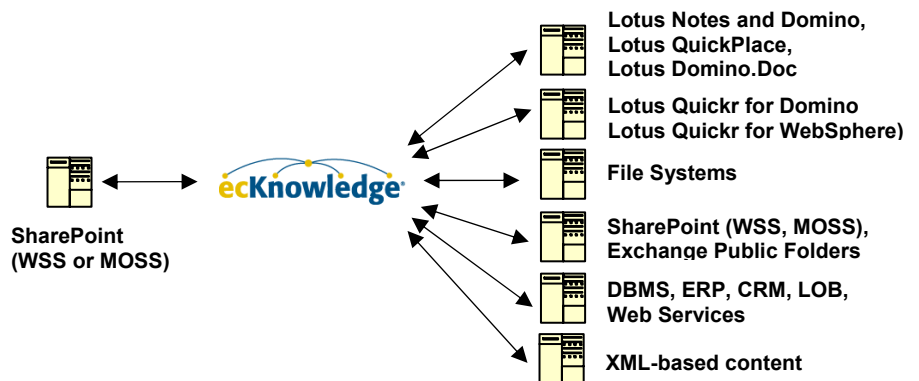
## SharePoint™ Integration and Migration with CASAHL ecKnowledge®

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 Online to provide better collaboration support for their workers. In many cases, companies simplify their overall systems environment and reduce IT costs by converting older “legacy” applications from Lotus Notes and 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.

CASAHL ecKnowledge® software was developed specifically to assist enterprises in integrating, extending, or migrating collaborative applications across heterogeneous platforms. ecKnowledge server-based middleware can integrate, extend, and migrate existing applications to SharePoint, InfoPath, SQL Server, and .NET. A non-programming wizard interface empowers business domain experts to develop ecKnowledge applications without extensive IT assistance.


The following are just a few types of integration and migration tasks that companies can perform using CASAHL ecKnowledge, alternatively, they can contract with CASAHL to perform these services:

- Migrate applications and content to SharePoint (on-premise and/or Online) from Lotus Notes and Domino, QuickPlace, and Domino.Doc, including workflow applications
- Migrate content to SharePoint from file systems
- Migrate content to SharePoint from Exchange public folders
- Integrate SharePoint with DBMS, ERP, CRM, and LOB content
- Synchronize SharePoint sites



The rest of this document gives a high-level summary of CASAHL ecKnowledge integration and migration capabilities and some typical SharePoint integration and migration solution scenarios.





## **CAS AHL ecKnowledge® 9.5 - Summary of SharePoint Integration and Migration Capabilities**

### **Use one system to support many enterprise application types**

CAS AHL ecKnowledge can integrate or migrate applications to SharePoint from other collaborative application (such as Lotus Notes and Domino, eRoom, ShareNet, or Exchange public folders) or enterprise application (including DBMS, ERP, CRM, LOB applications, flat files, and file systems).

### **Supports both WSS and MOSS**

ecKnowledge supports both WSS and MOSS. ecKnowledge does not require the use of Business Data Catalog when working with either WSS or MOSS.

### **Access both SharePoint on-premise and Online**

ecKnowledge can integrate, synchronize, and migrate applications to either SharePoint on-premise or SharePoint Online.

### **Achieve full data fidelity throughout integration and migration**

ecKnowledge replicates content types from other applications to their counterpart content type in SharePoint, InfoPath, or SQL Server, preserving document links, file attachments, access control lists, multi-value lists, forms, metadata, and version history.

### **Self-help with no programming required**

ecKnowledge comes with its own non-programming, wizard-based development environment, designed for rapid application development and easy maintenance by business domain experts and junior level IT staff. Users do not need to know the inner workings of SharePoint or any of the migration sources in order to work with ecKnowledge.

### **Options for staged migration or two-way coexistence**

ecKnowledge supports a full spectrum of data synchronization options, including one-way and two-way incremental content synchronization. This flexibility can be used to support both staged migration projects and full ongoing coexistence between SharePoint and other application sources.

### **Designed for enterprises with security and logging requirements**

ecKnowledge respects existing enterprise security infrastructures, including systems-level and application-level authentication and authorization mechanisms. The scalable ecKnowledge Server includes automatic load balancing and failover protection, audit trails, conflict detection and resolution options, error handling options, and a GUI Server Manager for configuration, administration, and performance monitoring.

### **Additional developer tools**

Starting from an existing Lotus Notes application, ecKnowledge can automatically generate the framework for an equivalent new VS .NET or InfoPath application, which developers then can edit and extend as needed. In addition, the ecKnowledge Developer Kit (EDK) provides a set of APIs that developers can use to interact with the ecKnowledge Server from other applications.

## **CAS AHL ecKnowledge – Common SharePoint Integration Solution Scenarios**

### **Integrate, Migrate Content from Lotus Notes:**

- Document Libraries
- Discussion Databases
- Tasks
- Custom Lists

### **Generate InfoPath Forms:**

- Auto-generate InfoPath forms based on Notes
- Migrate content to SharePoint

### **Migrate Content from Lotus Domino.Doc:**

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

### **Migrate Content from Lotus QuickPlace:**

- Reorganize QuickPlace “places” into one or more SharePoint sites

### **Coexist between SharePoint and Lotus Notes/Domino:**

- Users can work in their preferred environment
- Two-way content synchronization

### **Migrate Content from File Systems:**

- Staged migration of content from shared files
- 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

### **Migrate Lotus Notes applications to SharePoint**

Many companies want to convert Lotus Notes applications to SharePoint. ecKnowledge can migrate templated as well as customized workflow applications into SharePoint. Using the ecKnowledge wizard environment, no programming is needed to migrate applications. Workflow applications can be recomposed into .NET applications working with SharePoint with declarative workflow logic, ready to be easily extended or revised.

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

Companies that want to transition their Lotus Notes forms to InfoPath can use ecKnowledge to generate equivalent InfoPath forms from Notes forms and host the new forms in SharePoint. ecKnowledge can also transform the content associated with the Notes forms into the new InfoPath forms.

### **Migrate Lotus Domino Document Manager cabinets into SharePoint**

Some companies want to migrate large Domino.Doc cabinets to SharePoint, while retaining version history and binder and folder hierarchies. These companies can use ecKnowledge to build staged migration solutions that include transfer of metadata, access control lists, revision history, and binder and folder hierarchies. Both content and metadata are preserved with full fidelity in SharePoint.

### **Reorganize QuickPlace places into SharePoint sites**

End-of-life applications such as QuickPlace should be migrated to SharePoint. ecKnowledge supports the reorganization of multiple QuickPlace places into a single SharePoint site or splitting large QuickPlace places into multiple SharePoint sites. Using ecKnowledge, building solutions that include filter conditions will ensure that only the qualified QuickPlace places migrate to the designated SharePoint sites. After the initial reorganization, any subsequent new QuickPlace content can be migrated incrementally.

### **Coexist between SharePoint and Lotus Notes/Domino applications**

Some companies want selected content from departmental Lotus Notes applications integrated into a larger SharePoint environment for better cross-company collaboration. These companies can use ecKnowledge to build solutions that synchronize content between both systems, enabling each group to collaborate using its own preferred environment. ecKnowledge identifies and resolves synchronization conflicts automatically. The same solution can be used if a company later decides to migrate its Notes system to SharePoint.

### **Transition file systems content into SharePoint**

Many companies that store critical content in shared file systems want some of this content moved to SharePoint for better version control and security. These companies can use ecKnowledge to transition selected files into SharePoint, retaining the original directory/subdirectory hierarchy.

### **Migrate content from other legacy systems into SharePoint**

Companies that wish to migrate content to SharePoint from eRoom, ShareNet, Documentum, Interwoven, Vignette, and other systems not directly supported by ecKnowledge can use an intermediate file format to do so. Companies can deposit legacy system content into the published CAS AHL XML format and use ecKnowledge to build solutions to bulk load the content to WSS or MOSS.

## **CASAHL ecKnowledge – Common SharePoint Integration Solution Scenarios**

### **Synchronize, Upgrade, or Migrate SharePoint Sites:**

- Two-way synchronization between WSS and MOSS, versions 2003 and 2007
- Consolidate or distribute content
- Retain version history

### **Migrate Content from Exchange Public Folders to SharePoint or InfoPath:**

- Migrate content, metadata, permissions to SharePoint
- Auto-generate InfoPath forms for hosting on SharePoint
- Convert content to XML bound to InfoPath forms



**CASAHL Technology, Inc.**  
12647 Alcosta Blvd. Suite 450  
San Ramon, CA 94583 USA  
Tel: 925-328-2828  
Fax: 925-328-1188  
info@casahl.com  
www.casahl.com

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

Companies can use ecKnowledge to synchronize overlapping content between geographically distributed SharePoint servers (WSS, SPS, and MOSS). ecKnowledge includes automatic detection and resolution of synchronization conflicts. Companies can also use ecKnowledge to perform a staged migration of content from SharePoint 2003 (version 2) to SharePoint 2007 (version 3) deployments, or to consolidate multiple SharePoint sites into a single site. ecKnowledge migrates version histories and metadata along with the content.

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

Using ecKnowledge, you can easily migrate existing on-premise SharePoint sites to the cloud. In fact, you can build coexistence solutions between on-premise and online environments as you ease your organization into a pure online solution.

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

Companies wishing to migrate content from selected Exchange public folders to SharePoint for better management, searchability, and compliance can use ecKnowledge to migrate the content (mapping data types, names, and security information into the equivalent SharePoint structures). Companies wishing to transition from public folder forms to InfoPath can use ecKnowledge to generate equivalent InfoPath forms from the public folder forms and host the new forms in SharePoint. ecKnowledge can also transform the content associated with the original 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.