



#### Supported Data Sources:

- IBM Lotus Notes/Domino
- IBM Lotus Domino.Doc
- IBM Lotus QuickPlace
- IBM Lotus Quickr (for Domino or WebSphere)
- FileNet and Content Manager
- Microsoft SharePoint
- SharePoint Online
- 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



## Migrate Lotus Notes® and Domino® Applications to Microsoft Platform with CASAHL ecKnowledge®

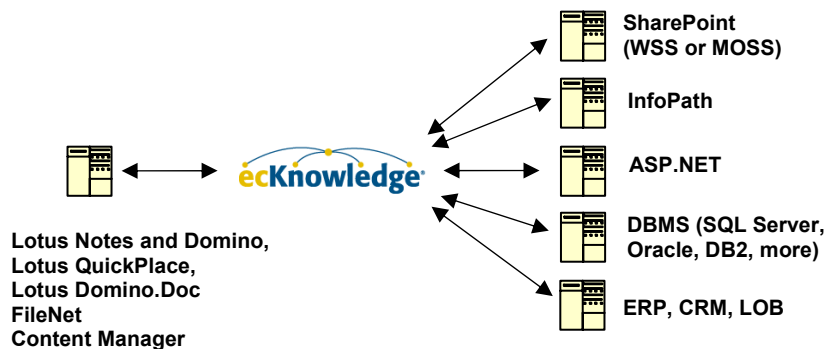
### Notes Transition Challenge

Messaging migration is a relatively well-understood problem. Notes application migration is where the challenge lies. CASAHL takes on this challenge – Notes application analysis, migration, and coexistence - as its major focus since 1993. Through feedback gained from over 1,500 enterprise installations of our technology, we continue to develop and refine our solution. And through deep relationships built over the years with important partners such as Lotus, Groove, IBM, and Microsoft, we have gained an in-depth understanding of these platforms, which helps us build relevant technologies.

CASAHL ecKnowledge® software was developed specifically to assist enterprises in migrating and coexisting collaborative applications among the IBM, Microsoft, and enterprise application stacks.

ecKnowledge is server-based middleware that can be used to implement migration of all IBM and Lotus collaborative applications, such as Lotus Notes/Domino, QuickPlace, Dom.Doc, Quickr for Domino, Quickr for WebSphere, FileNet, and Content Manager, to the appropriate Microsoft targets, such as SharePoint, InfoPath, SQL Server, Groove, MS-CRM, and .NET. ecKnowledge can also be used to build coexistence solutions between the IBM and Microsoft stacks.

ecKnowledge can also be used to migration and coexistence solutions between Lotus Notes applications and a company's corporate DBMS and ERP.



The rest of this document provides a high-level summary of CASAHL ecKnowledge migration capabilities and some typical Lotus Notes and Domino migration solution scenarios.

# **CAS AHL ecKnowledge® 9.6 - Summary of Lotus Notes Application Migration Capabilities**

## **Automatic Provisioning of SharePoint Objects**

- Sites
- Lists, forms, views
- Content types

## **Generate InfoPath Forms:**

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

## **Workflow Apps**

- Declarative workflow
- Non programming
- Extensible

## **Migrate Lotus Notes/Domino, QuickPlace, Domino.Doc, Quickr**

- Migrate template and custom applications and associated data

## **Migrate to Many Targets**

- SharePoint, InfoPath, SQL Server, .NET, more
- DBMS, ERP, CRM, LOB, Web services, file systems

## **Data Type Conversions**

- Full fidelity preservation

## **Self-Help Migration**

- Graphical wizard interface
- No programming required
- Built-in logic to interact with both source and target data sources

## **Staged Migration and Coexistence**

- Support soft landing of migration
- Two-way coexistence to allow collaboration before migration

## **Automatic provisioning of SharePoint Objects**

ecKnowledge can provision SharePoint objects such as sites, lists, forms, views, custom lists, content types, and permissions, etc., based on the Notes applications to be migrated.

## **Automatic generation of 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 XML bound to the new InfoPath forms.

## **Declarative recomposition of Workflow Applications in .NET**

Workflow applications in Notes can be reconstructed declaratively without programming. The resulting applications can be extended without programming as well.

## **Migrate from Lotus Notes/Domino, QuickPlace, Domino.Doc, or Quickr**

ecKnowledge supports the migration of content and applications from the full Lotus Notes and Domino family of applications (including QuickPlace, Domino Document Manager, or Domino.Doc, and Quickr). ecKnowledge can migrate both template-based and custom applications.

## **Migrate to Microsoft collaboration platform or other environments**

ecKnowledge supports the migration of Lotus Notes applications to Microsoft collaboration applications (SharePoint on premise, SharePoint Online, InfoPath, Groove, SQL Server, and .NET), enterprise applications (DBMS, ERP, CRM, LOB, Web services, and file systems).

## **Support 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 list items, multi-value lists, forms, metadata, and version history.

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

ecKnowledge comes with its own non-programming, wizard-based RAD 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 any of the migration sources in order to work with ecKnowledge.

## **Support staged migration and two-way coexistence**

ecKnowledge supports a full spectrum of data replication options, including one-way and two-way incremental content integration and synchronization. This flexibility can support both staged migration projects and full ongoing coexistence between heterogeneous environments.

The following describes some of the more common usage patterns of ecKnowledge:

# **CAS AHL ecKnowledge – Common Lotus Notes/Domino Migration Scenarios**

## **Staged migration from Lotus Notes/Domino to Microsoft platform**

Companies wishing to transition from Lotus Notes and Domino applications to SharePoint can use ecKnowledge to build staged migration solutions, with intervening short-term or long-term periods of coexistence. ecKnowledge can migrate from Lotus Notes applications. Employees can continue to use the original Notes applications throughout the transition. Any newly created Notes content can be migrated incrementally.

## **Migrate Lotus Notes applications to a corporate DBMS or ERP**

Many Notes applications were developed to serve as simple CRM, SFA, or Help Desk-type of applications before these applications were readily available from central IT. ecKnowledge can be used to migrate the content from these Notes applications to the company's ERP applications.

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

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

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

Some companies want to migrate QuickPlace places to SharePoint, while reorganizing the content to consolidate multiple QuickPlace places into one SharePoint site, or split large QuickPlace places into multiple SharePoint sites. Using ecKnowledge, these companies can build solutions that include filter conditions to ensure that only the qualified QuickPlace content migrates 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 to maintain a few ongoing Lotus Notes applications in selected departments and seamlessly integrate the Notes content to SharePoint for better cross-company collaboration. In such cases, they can use ecKnowledge to build solutions to synchronize content between both systems, enabling each group to collaborate in its own preferred environment. ecKnowledge can identify and resolve integration conflicts automatically. The same solution can be used if the company later decides to migrate the remaining Lotus Notes applications to SharePoint.

## **Migrate Lotus Note applications to SharePoint Online**

ecKnowledge can be used to migrate all Lotus Notes application types to SharePoint Online on a one-time, staged migration, or two-way coexistence fashion.

## **Rebuild Lotus Notes workflow applications in .NET**

ecKnowledge Workflow Composer can be used to declaratively build workflow applications in .NET, without having to translate LotusScript logic into the equivalent .NET logic. The result is that workflow applications can be rebuilt quickly and extended without putting burden on IT.

### **Migrate to Corporate DBMS or ERP**

- Migrate just content not logic
- Cost effective migration

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

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

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

- Consolidate or distribute content to reorganize QuickPlace places into fewer or more SharePoint sites

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

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

### **Migrate to SharePoint Online**

- Seamless choices of on-premise and online
- Full migration options

### **Recomposition of Workflow Applications**

- Re-use of main forms
- Workflow logic built declaratively
- Extensible apps in .NET

## **CAS AHL ecKnowledge – Common Lotus Notes/Domino Migration Scenarios**

### **Synchronize SharePoint Sites**

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

### **Synchronize SharePoint sites**

Companies that previously utilized Lotus Domino automatic server replication to support more efficient access by local users frequently want to configure a similar infrastructure after migrating to SharePoint. ecKnowledge can provide a solution to synchronize selected content across distributed SharePoint servers, with built-in automatic synchronization conflict detection and resolution.

This solution also supports synchronization or conversion of content between different versions of SharePoint. For example, ecKnowledge 9.5 can work with WSS 2003/2007, SPS 2003, and MOSS 2007.



**CAS AHL 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

### **About CAS AHL**

CAS AHL Technology provides software to integrate, extend, or migrate collaborative applications and data between heterogeneous environments. Since 1993, over 1,500 organizations have employed CAS AHL solutions to integrate or migrate content between Microsoft collaborative applications (such as SharePoint, InfoPath, Groove, and Exchange public folders), IBM Lotus collaborative applications (Lotus Quickr, Lotus Notes and Domino, QuickPlace, and Domino.Doc) and enterprise systems (such as DBMS, ERP, CRM, LOB, and file systems).

In addition to its award-winning products, CAS AHL ecKnowledge® and Replic-Action™, CAS AHL offers training and consulting services for analysis, integration, coexistence, and migration projects. CAS AHL 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). CAS AHL has also licensed its technology under OEM agreements with IBM (1993, 2007), Sybase (2000), Microsoft (2003), and Groove (2005). For more information about CAS AHL 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.