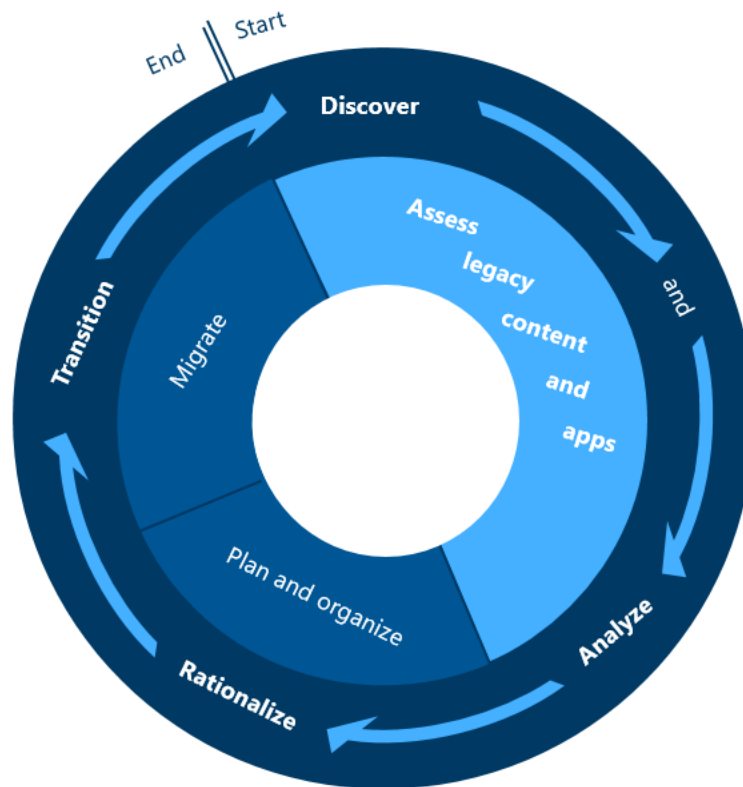


## CASAHL ecKnowledge

A successful migration starts with a thorough understanding of your enterprise's legacy content, builds that understanding into data-based migration plans, and ends with ecKnowledge. ecKnowledge is CASAHL's transition engine, the last in a set of products that let enterprises assess and migrate their legacy content to the cloud quickly and painlessly, whether that content is important but simple or managed in complex custom applications.

As the flagship component in CASAHL's [DART product suite](#) lifecycle (below), ecKnowledge takes plans developed in CASAHL's DART Dashboard and puts them into action. It offers enterprises a central location from which to carry out migration tasks, schedule jobs, maintain ongoing integration with legacy systems, and perform post-migration verification to ensure that all content has been migrated correctly.



### How Does It Work?

Most enterprises have more than one legacy system, so CASAHL designed ecKnowledge to provide one comprehensive solution for a wide range of content systems. It supports the migration of content and complex applications from SharePoint, Office 365, Google Drive and Sites, Exchange public folders, file

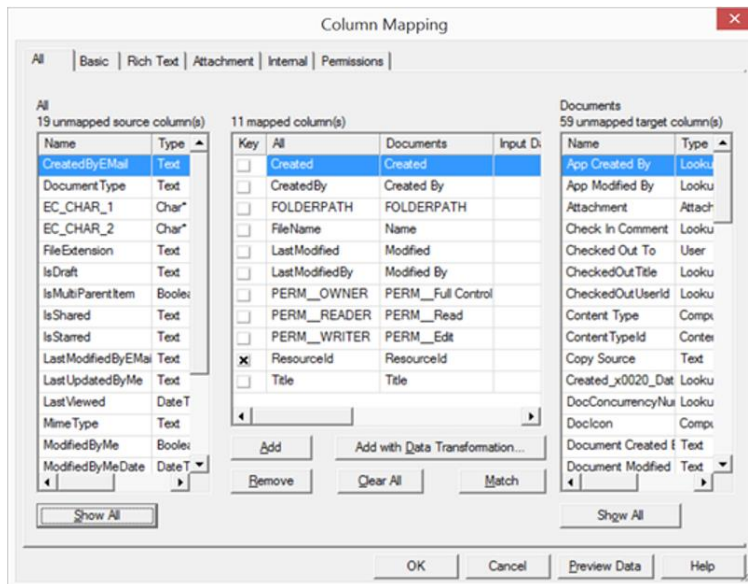
shares including Box and Dropbox, IBM Notes products including Notes/Domino, QuickPlace, Domino Document Manager, and Quickr-Domino, Atlassian Confluence, and a variety of other sources.

As part of CASAHL's DART lifecycle, ecKnowledge builds on earlier products in the suite, enabling enterprises to make good on data-based migration plans and use the approaches laid out in the DART Dashboard. It integrates fully with the DART Dashboard to equip itself with rationalization data and survey feedback collected from DART Dashboard users to minimize the disruption to users during migration. IT personnel can also use feedback from CASAHL ecKnowledge to implement updated migration, coexistence, and integration tasks in the DART Lifecycle Manager.

As a scalable, server-based architecture with connectors for many popular enterprise systems (below), it offers the same compelling financial and operational advantages of moving to the cloud that the rest of the DART suite does; the ecKnowledge architecture, which supports load-balancing, fail-over, and other enterprise requirements, is the only tool that provides this level of flexibility with a single, consistent interface. In addition, ecKnowledge ships with more than 50 pre-designed migration templates to quick-start any project.



Since ecKnowledge works with a wide variety of systems, it has built-in capabilities to keep data intact and account for potential mismatches between the workings of individual systems.



An example of column mapping, which allows users to control the placement and filing of their content during migration by setting rules to specify which field in the source system (left column) should be mapped to which field in the target system (right column). Column mapping is just one of the ways ecKnowledge lets enterprises keep their content consistent between systems.

ecKnowledge has a number of other built-in features to make the transition easier on everyone, including:

- **Multi-Source Migration** – ecKnowledge’s connector-based architecture allows developers to work with all eligible systems in one central migration catalogue, and set up rules, actions, and data transformations from all or any system from that central catalogue.
- **Multi-Target Migration** – some enterprises opt to transition their content to a mix of file shares and traditional enterprise systems, especially those that work with Google Drives and Sites or file shares. ecKnowledge allows enterprises to decide which content and applications will best fit in each plan and migrate accordingly.
- **Data Preview** – this built-in feature allows enterprises to review how mapped fields will appear in the target deployment, making it possible to adjust as needed before the content in question is migrated.
- **Coexistence and Hybrid Deployment Support** – migration often creates an interim need for cross-platform integration as some users continue to work with the original application platform while other users work in the new platform, or require a mix of cloud and some sort of on-premises deployment for security or other reasons. ecKnowledge supports both options, whether the hybrid deployments require one-way or two-way integration and whether the coexistence need is short-term or on-going.
- **Integration with ERP Systems** – Enterprises generally need to integrate SharePoint and/or Office 365 with other enterprise IT assets (ERP or CRM) that store their data in a traditional database (for instance, Microsoft SQL Server, Oracle Database, MySQL, IBM DB2 or ODBC-based). ecKnowledge utilizes a standards-based connector architecture that enables organizations to seamlessly integrate collaborative applications and content with other enterprise systems and resources without devoting large amounts of IT resources to programming.
- **Data Transformation** – this critical element of ecKnowledge gives enterprises a way to alter data as it moves in and out of a source system when a migration job is run. It dramatically simplifies the process of integrating diverse data sources by allowing enterprises to migrate data even if

the source and target fields for that data don't exactly match, thus maintaining control of their content while ensuring that the transition won't break key libraries or metadata.

- **Rules, Events, and Actions** – enterprises can use this set of capabilities to perform integrity checking, permitting only records that satisfy the specific rule to be operated upon; set a condition on an ecKnowledge job that will only run if the triggering condition is met; and 'act' on (read, write, or otherwise affect) either the Source or the Target data source, depending on your business needs. These tools are customizable and can be used selectively by migration job if migrating from multiple sources.
- **Error Handling** – built-in error handlers provide flexibility by providing several choices that dictate how ecKnowledge should respond to any errors that occur when a job runs. Enterprises can opt to have error handlers send an email flagging the error to specified recipients, execute a VBScript or JavaScript, or insert the error message into a specified column in the data source, in the data row that generated the error.
- **Verification** – ecKnowledge also addresses the need for comprehensive migration verification, to confirm that even the most complex and multi-source migrations are completed with no lost resources or broken relationships between resources. ecKnowledge uses its synchronization capabilities to automatically check the new deployment against the old, ensuring that all files and metadata are where they need to be. Without this solution breadth and depth, migrations can get off to a rough start, leaving users frustrated when they encounter broken links or can't find work-critical resources.

ecKnowledge also automatically supports automated and ongoing integration, for enterprises that need to keep legacy and new cloud systems in sync. That's a common requirement for large enterprises with migration priorities and schedules varying by business unit.

ecKnowledge presents the same tools and features for all deployment scenarios, including offboarding from modern deployments, enabling enterprises to take advantage of cloud opportunities as appropriate while also fully leveraging their on-premises investments.

## Migrate Simple and Complex Content & Applications With ecKnowledge

An effective migration isn't a straightforward process. There are a lot of variables to consider, including content and application complexity, migration priorities, and user satisfaction. Moreover, enterprises can't exactly shut down their content systems for an indefinite amount of time while a migration is carried out. To address these issues, ecKnowledge offers two distinct migration formats: simple and complex.

Migrating simple content is straightforward. ecKnowledge has an extensive array of templates it can use to migrate some types of content automatically, allowing enterprises to migrate large volumes of simple content quickly and cost-effectively while freeing up IT resources to tackle more complex migration issues. The DART Dashboard can be used to schedule migrations for this type of content to ensure that users have their key simple content available in their new deployment right away. By setting simple content to migrate in waves according to priority, enterprises are able to keep content users rely on available, which in turn keeps users happy and productive.

For more complex content, especially complex custom apps, ecKnowledge offers a more in-depth migration approach. Complex custom apps are often very important to enterprises, but prohibitively

expensive or too complex to migrate; with ecKnowledge, they can be deconstructed and recomposed in the new deployment. This not only allows enterprises to keep their complex custom apps and all the data associated with them, it allows enterprises to adapt those apps to make the best use of their new environment. CASAHL works with complex applications in SharePoint, Notes, Google Sites and Drives (often a package deal because Sites refer so frequently to files stored in Drive), and Confluence, among others, to ensure that enterprises are able to migrate all the complex apps they need.

## Other Information

An effective migration is one that takes all of an enterprise's needs into account and offers ways to address those requirements without disruption. Only ecKnowledge, as part of CASAHL's unique and comprehensive solution, addresses the full range of modernization requirements. Whether the challenge is in modernizing and migrating legacy applications from Notes/Domino to the SharePoint platform or consolidating information resources currently spread across products ranging from Documentum to Google Drive/Sites, ecKnowledge offers a proven, cost-effective, efficient, scalable, and secure solution for organizations of all sizes and in all industries as part of the [CASAHL DART suite](#).

If your enterprise would like to learn more about ecKnowledge and what it can do for you, feel free to [contact us](#) or read more on [our site](#).

### About CASAHL

CASAHL is a product company that helps you move meaningful content and important applications to the cloud, starting with legacy system assessment and continuing all the way through a complete migration. We work with source enterprise systems including Lotus Notes, SharePoint, Office 365, Google Sites, file sharing systems (file servers, Box, Dropbox, and Google Drive), enterprise content management systems, and database systems. CASAHL's product focus includes modernizing and migrating critical content and collaborative applications from legacy systems to the cloud, keeping related resources optimized post-migration, and helping enterprises attain peak value from their new investments.

CASAHL is a proud repeat winner of Microsoft Partner of the Year for migration solutions and has been exclusively focused on content/collaboration optimization products and solutions since 1993. Together with systems integrator partners including Microsoft, Sogeti, Perficient, Avanade, and others, we have migrated the content and apps of over 650 enterprise accounts into SharePoint and Office 365 over the past eight years. To learn more about engaging CASAHL's migration and ongoing optimization solutions, please [contact us](#), and see our blog for perspectives on up-and-coming enterprise collaboration/content topics.



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