

CAS AHL Lotus Notes Applications Analysis

Purpose of the Tool

The CAS AHL Application Analyzer helps you plan migrations from Lotus Notes to the Microsoft platform by facilitating an inventory of the organization's Lotus Notes applications, gathering information on and analyzing the complexity, scale, and usage of the application, and then assigning a migration recommendation to each application.

Capability Highlights

CAS AHL's Analyzer has been deployed in over 500 large Notes enterprises. We'll group its mature and unique properties below:

- **“Stealthy” Application Data Collection.** Many Notes customers' management teams do not want to advertise their intention of migrating away from Notes. CAS AHL's Analyzer data collection component (called Data Crawler) is designed as a small footprint Notes client that does not need to be installed on the Notes servers; hence, minimal impact on Notes server performance. It does not require an administrator role, and thus, does not cause security anxiety for IT managers. It collects only the design and access information, and so, can gather information about Notes applications quickly, and with practically no impact on current activities in the Notes environment.

- **Migration Effort Reduction.** The key focus of CAS AHL's Analyzer is to reduce by as many as possible the number of Notes applications to be migrated. In addition to proposing the elimination of obvious candidates (such as inactive applications, replicas, systems tables, mailboxes, Notes-specific, etc.), the key innovation in the Analyzer is an optimized consolidation algorithm that groups applications that are similar in design, thereby dramatically reducing the number of unique applications that need to be migrated. CAS AHL's Analyzer typically can remove over 90% of existing Notes applications from migration consideration. This by itself can justify the entire Notes migration project.

- **Microsoft Target Migration Recommendation.** CAS AHL's Analyzer examines each application and recommends a migration target in Microsoft platform. These targets can include SharePoint, InfoPath, .NET/SQL Server, and workflow. Each of these migration recommendations can be supported by ecKnowledge.

- **Implemented in .NET and SQL Server.** CAS AHL's Application Examiner is totally implemented as a .NET/SQL Server application, making it possible to handle the analysis of hundreds of thousands of Notes applications and present result quickly. As an example, CAS AHL's Analyzer collects and analyzed over 180,000 Notes applications of a Notes customer in less than 2 weeks and presented results showing an over 95% reduction in migration effort.

Application Analyzer Details

The Application Analyzer automatically does the following:

- Collects data on and analyzes a specific set of applications, or all applications on a single Lotus Domino server, or multiple Lotus Domino servers.
- Enumerates and analyzes design elements in each Notes application, such as forms, views, agents, web elements, scripts, and formulas.
- Assigns complexity and scale indexes to each Lotus Notes application to assist in migration planning—these help you to gauge the complexity and scale of the migration effort.

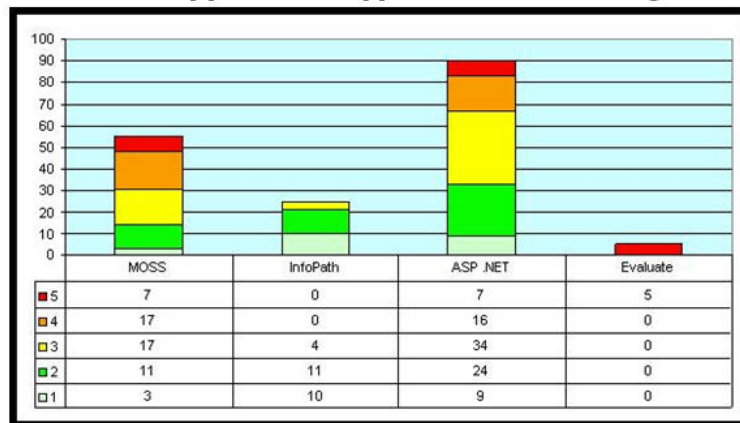


- Gathers information on and reports on application usage based on factors such as database size, number of documents, last modification time, etc.
- Aggregates applications by Lotus Notes replicas
- Aggregates applications based on the Lotus Notes design templates they are based on.
- Reports applications that have similar design and can be consolidated.
- Assigns a recommended course of action to most efficiently migrate an application to Microsoft platform, such as to map to existing solution, convert the design, or discard the application due to low usage.
- Recommends a candidate Microsoft platform target for an application, such as Microsoft Windows® SharePoint™ Services, Microsoft Office SharePoint Server, Microsoft Office InfoPath™, Microsoft SQL Server, or Microsoft Visual Studio®.
- Creates high-level summary reports for the decision makers on the organization's usage of Lotus Notes applications which includes distribution graphs of complexity and scale indexes, and recommendations for applications.

Actionable Reports

Application Analyzer provides numerous reports to support migration planning. One report (shown here) graphically demonstrates the recommended migration targets and the complexity of all custom applications broken out by target application.

Custom Application Types & Possible Targets



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About CASAHL Technology

CASAHL Technology has been singularly focused since 1995 to deliver products to implement integration and migration solutions for Lotus Notes applications to Microsoft platform. All Lotus Notes applications, including Lotus Notes/Domino, QuickPlace, Domino Document Manager, Quickr for Domino, and Quickr for WebSphere are supported. CASAHL has been on the Microsoft SharePoint Design Advisory Council since 2004 and has been a member of the Lotus Quickr Design Board since 2007. CASAHL OEM'ed its Lotus Notes analysis technology to Microsoft in 2003. IBM licenses technologies from CASAHL for their Lotus Notes product line. Over 1,500 organizations have employed CASAHL products for production integration and migration projects since 1993.