



Domino Application Assessment Reduces Migration Estimate



! CHALLENGES

Unknown application usage details and complexity level for Domino environment. Customer needed to accurately estimate migration and redevelopment effort to transition their production applications to a different platform in less than 6-months.

💡 SOLUTION

Leverage iDNA Applications® solution to analyze Domino applications, identify inactive databases, and catalog development complexity based on custom code and business workflow functions.

✓ RESULTS

- 58%** of applications were inactive
- 20%** of applications were Read-Only data repositories for simple migration, or could stay on Domino
- 2%** could be web-enabled easily and remain on Domino platform
- 20%** of the remaining were business process applications scoped for redevelopment
- 33%** of those custom applications were based on the same, single database design

Customer Success Story

INDUSTRY Automotive supply **REGION** Global **EMPLOYEES** 150,000+

Migration Scope Reduced by 90%

A global automotive parts manufacturer was planning their migration away from their Domino environment after 18-years. They needed to understand the level of effort and complexity that would be involved to transition their custom business applications over to a different collaboration technology platform.

Detailed Assessment Provided by panagenda

The panagenda professional services team performed a forensic analysis of the customer's Domino infrastructure worldwide. Utilizing the iDNA Applications® solution they were able to scan **16 Domino servers** around the globe and analyze over **12,800 applications** in just a few days.

After the detailed assessment was completed a few weeks later, the findings were significant. The total number of active applications was tallied at only 2,410. Of those production databases there were only 318 applications that had unique, complex designs which would require a custom redevelopment effort to migrate them to a new platform.

Recommendations

✓ Archive Inactive Applications

Most organizations have Domino applications that are no longer active. These can be archived to save space and enable a server consolidation.

✓ Web-Enable Simple Applications

For those Domino applications that are Read-Only repositories, or have very simple data entry / editing forms, they should be **web-enabled for easy access on the existing Domino servers.**

✓ Phased Migration for Complex Apps

Business process applications are full of complicated workflows, security roles, and multi-faceted reporting functions. They should be scoped individually for redevelopment.

Until the budget and resources are available to modernize these complex applications and incorporate the updated business processes, workflow, security and reporting needs, **they should remain on Domino.**

Analyzing Domino Applications

Group Applications by Usage Type and Design Similarity

After identifying the inactive applications for archive, the remaining databases were categorized by usage type based on their forms, list views, functions and data elements. **During this assessment project the team grouped 22% of the unique applications as either Read-Only Repositories or Simple Data Input types.** These could be quickly web-enabled and left in place on the Domino servers until they were no longer used in production.

However, **a full 20% of the applications were deemed Business Critical Workflow systems that required more in-depth design and redevelopment efforts for migration.** To reduce that overall number of applications further, the project team compared the design elements of these databases to look for similarities. Based on matching templates, forms, list views, and custom code segments **the team was able to group one-third of these remaining applications** as duplicate designs that could undergo a matching migration redevelopment effort instead of requiring a unique redesign.

Mapping Code Complexity for Redevelopment Effort

To assist the customer with the estimation for the future redevelopment effort of the remaining 318 Business Critical Workflow applications, the panagenda team performed an in-depth review of the applications individually. By utilizing built-in functionality within iDNA Applications the panagenda team was able to create a detailed report that included a catalog of all design elements, workflow processes, custom code segments, and security roles, plus a complete overview of the data storage and attachment types within each application.

This detailed design and datastore information was extremely useful by the consulting firm hired to scope the custom development and data migration effort to transition these applications to a new target platform.



IT Services Manager – Enterprise Automotive Parts Manufacturer

We had no idea how many of our Domino applications were still being used, and by whom. We needed to know what it would take to migrate the production apps to a new platform.

The professional services team from panagenda was able to help us put our Domino application migration effort into perspective. Using their data analytics tool they were able to quickly gather all the information regarding our Domino applications, assess their complexity level, catalog their data storage, identify file attachment content types, and identify the inactive versions we could archive. And they did all this in just a few weeks.