

Infosys SnipeNext Solution

For Documentum to Microsoft SharePoint migrations

In today's environment, oil and gas firms face a growing need for an efficient and effective document management system. While the document management solution provided by Documentum is useful and beneficial, organizations have to bear high ownership costs which include license, development and support costs, besides the time-consuming installation and configuration processes. Microsoft's user-friendly SharePoint products and technologies have brought robust enterprise content management and collaboration capabilities to a large number of organizations in recent years. With many clients having various content management systems expected to migrate content to Microsoft SharePoint environment, the business need for quick and efficient transfer of data is also greater than ever.

The normal approaches to migrate content carry the risk of data loss, disruptions to business schedules, and support only as-is migrations. The migration tools in the market such as AvePoint's DocAve, Tzunami's tool prove to be expensive options both in terms of costs and time. There was a need for a simple, efficient and cost-effective yet customized migration solution to meet business specific scenarios and the Infosys SnipeNext solution fits the bill. The solution provides the base framework for migration with best practices built-in, and at the same time provides a very extensible framework for incorporating client specific needs.

Solution Overview

Infosys SnipeNext solution facilitates smooth and easy migration of data from the Documentum system to Microsoft SharePoint. What makes the solution unique is that apart from scalability, it also enables faster migration which ensures minimum disruptions to business schedules. Business impact is further minimized by leveraging features that perform pre-migration data analysis and post-migration verifications. Besides reliable and full-fidelity migration, the solution boasts of a host of features and customizations to adapt to business requirements and create predictable and manageable migration timelines.

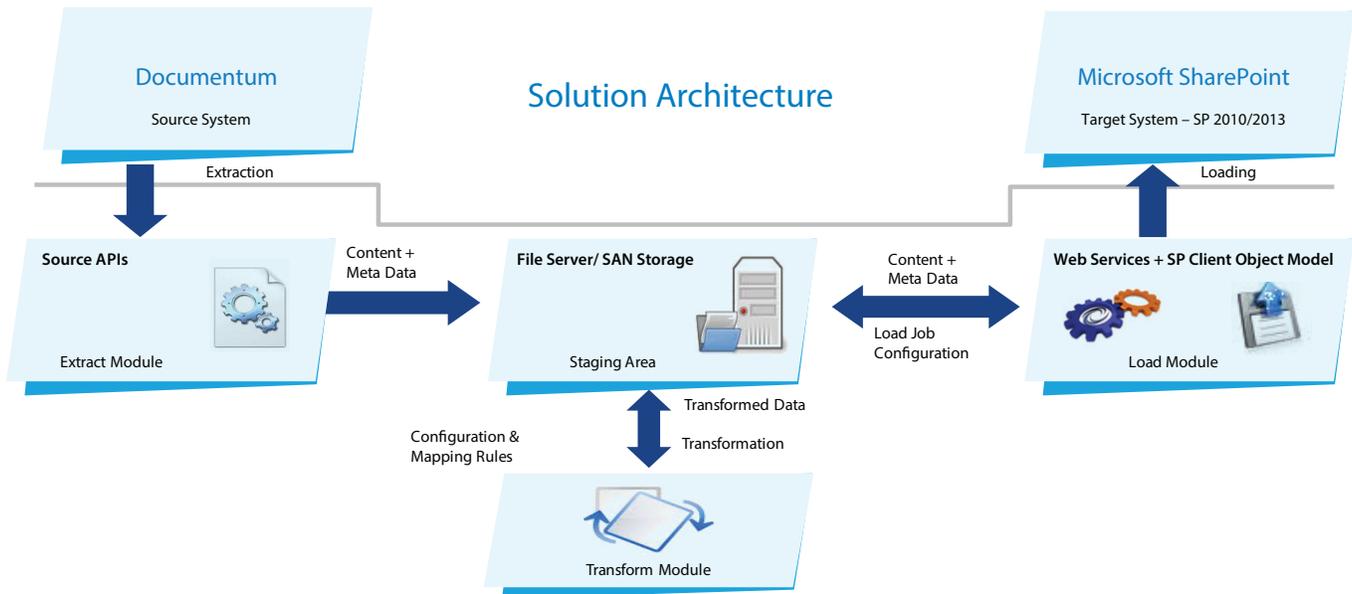


Figure 1: Infosys SnipeNext solution architecture

The solution is based on the ETL (Extract-Transform-Load) model. Extraction is a two-step process and yields results in the XML format (metadata and physical files). It is then transformed into a SharePoint API readable format. The transformed content is then loaded to the target system as per the defined information architecture.

EXTRACT

- Extract component of the solution is EMC certified
- Pulls documents from cabinets, folders with metadata, content versions and access control list
- Supports multiple instances on a single source server

TRANSFORM

- User friendly interface to handle source-target mapping
- Supports default value settings for metadata attributes. Advanced users can still create mapping XMLs
- Has ability to set default values for missing document properties
- Has functionality to choose selected versions of documents to migrate

LOAD

- Supports load simulation - verifies blocked file type, storage availability, maximum file to detect failures early on
- Provides drag and drop facility for easy migration executions by jobs
- Has capability to perform bulk and incremental upload (delta migration)
- Performs migration monitoring and report generation.
- Can save migration jobs and configuration as XML files for re-use



Business Benefits

- Customizable, end-to-end migration solution with minimum business downtime
- EMC certified Extract component with desired filter conditions prior to extraction
- User friendly GUI, powerful monitoring and reporting capabilities
- Easy to plug-in client specific requirements, while leveraging the full capabilities and best practices from the base toolkit features
- Can be tailored for any content/ document management source systems like – Livelink, eRooms and FileNet
- Robust. Can be configured and run from remote machines



Cost Benefits

The solution is cost effective on account of the following –

- Cost savings realized by decommissioning of source systems like Documentum, Livelink (250K USD/year approx.)
- Licensing cost associated with other migration tools is avoided since Infosys solution is offered as a service, as opposed to a tool available off the market which is licensed at dollars per TB of data migrated
- Customized unit pricing model for migration can be provided based on input parameters such as number of files, data size, number of workflows, number of metadata fields

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