Even as enterprises seek to consolidate and adopt more efficient ECM systems to manage and streamline their information and knowledge assets, they recognize the importance of efficient content migration to this system. The task of migrating data out of obsolete, often disparate sources, into a new platform, has strategic and tactical implications. Adept planning and expert execution can help you avoid data loss, regulatory violations, security breaches, and other risks associated with any migration initiatives.

To facilitate a smooth migration for you, we at Tata Consultancy Services (TCS) offer Enterprise Content Management (ECM) Migration. Our detailed and robust migration framework helps transfer your existing content from your legacy system to a target system. To achieve this seamlessly with minimal downtime, we support our solutions with mature and proven methodologies and tools that also reduce cost, time, and resources involved in this task.

**Overview**

Whether you are implementing a new ECM system, upgrading an existing system or moving from one system to another, content migration is always an important aspect. Factors such as cost, effort, schedule efficiency, data integrity, security compliance, and system availability have a large bearing on the success of your migration exercise, and must therefore be carefully monitored. At TCS, we understand your concerns regarding content migration, and offer a framework that minimizes the risks associated with the task. We use a three-step methodology - extraction, storage, and loading - to migrate content from the source to target system.

Our framework provides for an end-to-end migration across ECM products and addresses migration issues such as data loss, security settings, business rules, and data traceability. In addition, the robust framework:

- Handles legacy content by providing detailed analysis and content transformation. This allows content to be stored in industry standard archival formats such as PDF/A, which protects an enterprise from outdated formats.
- Provides a detailed metadata analysis and mapping to a standardized taxonomy, content format, and user access controls that are consistent with the security and compliance guidelines of the enterprise.
- Prevents loss of content during migration with DocXfer — a unique migration tool which provides a detailed audit trail of data migration, including well-defined error-handling and tracing capabilities.

**Content Migration Methodology**

An overview of our ECM Migration framework
Benefits

Implementing a content migration solution can complement your content management system ably, allowing your enterprise to harness the complete benefits of ECM. Our framework brings in benefits such as:

- **An ECM migration roadmap.** We provide a comprehensive ECM migration roadmap, identifying key elements for a successful migration delivery.

- **Efficient migration of data.** Our unique DocXfer migration tool — an XML-based mechanism for bulk upload — provides detailed auditing and tracking of data to ensure fast and accurate migration. It efficiently handles exceptions, provides tracing and error logging, and configuration of input parameters.

- **Reduced Total Cost of Ownership (TCO).** By developing and using in-house tools, we reduce the cost associated with procuring a licensed content-loading tool, thus making your migration activity cost-efficient.

The TCS Advantage

Backed by a strong focus on ECM technologies, we leverage past migration experiences, proven assets, best practices, and reusable components to develop content migration tools specific to your migration needs. By partnering with us, you gain from our:

- **Vast ECM experience.** We have implemented numerous ECM engagements across the globe, giving us an in-depth understanding of the functional and technical knowledge required for any successful migration strategy and implementation.

- **Domain expertise.** Our proficiency in content migration is demonstrated in our successful content migrations involving millions of documents and tera-bytes of data, scattered over various repositories.

- **Center of Excellence (CoE).** Our ECM CoE comprises a large pool of experts who are well-versed with ECM products from leading vendors such as EMC, IBM, Livelink, Vignette, Adobe, Microsoft, and Interwoven. This makes it easier for us to develop extraction and loading strategies that are best suited to your needs.

Unique tools. We develop and deploy in-house tools such as DocXfer to load content along with associated metadata from the source or staging file system into the destination ECM system. The tool is tested and tuned to provide optimum performance and resource utilization.

Contact

To know more about TCS Enterprise Content Management (ECM) Migration, contact ecm.services@tcs.com

About Tata Consultancy Services (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata Group, India’s largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

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