DocOrbit
BY TECHTIERA

ECM MIGRATION ACCELERATOR

ANY SOURCE TO HYLAND ALFRESCO

Migrate all the content. Lose nothing.

DocOrbit is an enterprise-grade migration utility suite from TechTiera. It securely migrates documents, metadata, versions, renditions and permissions from any legacy or modern platform into Hyland Alfresco Content Services — with zero data loss, full auditability and minimal business disruption.

30+ ECM platforms supported	**100 TB+** Proven enterprise scale migrations	**0%** Data loss, SHA-256 validated	**5** Phase migration lifecycle
3 Audit formats: XML, PDF, Excel	**CRC-32** Checksum on export and import	**24/7** Unattended batch processing	**Airgap** Airgap Staging. No direct source–target link
Triage Intelligent issue detection	**Secure** End-to-End security	**Reports** Comprehensive Reports in multiple formats	**Encrypted** End-to-End security

Any source → **Hyland Alfresco**

Into Hyland Alfresco Content Services — the enterprise-grade, open-source ECM platform — from 27+ source platforms.

Developed by TechTiera — Enterprise ECM Specialists

www.techtiera.com

WHY DOCORBIT

Any source into Hyland Alfresco — without risk or downtime.

Legacy ECM migrations are high-risk, time-consuming and expensive. DocOrbit replaces them with a proven, automated and fully auditable pipeline — and every connector is purpose-built for its source platform and engineered for Hyland Alfresco Content Services — never a generic adapter.

- ✓ Zero data loss guarantee
- ✓ Minimal business disruption
- ✓ Re-runnable & fault-tolerant
- ✓ Compliance-ready reporting
- ✓ Read-only source extraction
- ✓ Airgap staging before ingestion

WHAT DOCORBIT MIGRATES

Documents

- All document types
- Binary content files
- Native & renditioned
- Multi-format support

Metadata

- Standard properties
- Custom type metadata
- Object classifications
- Schema-mapped to Alfresco

Version History

- Full version lineage
- Author & timestamp
- Version labels intact
- All iterations preserved

Renditions

- PDF renditions
- Thumbnail previews
- Alternate formats
- XFDF annotations

Permissions / ACLs

- User / group access lists
- Permission inheritance
- Role-based security
- Replicated in Alfresco

Folder Structure

- Full cabinet hierarchy
- Path & depth preserved
- Nested folder trees
- Parent–child relationships

BUSINESS BENEFITS

Lower TCO

Retire legacy licensing and manual migration labour. Automated batch processing cuts project effort and duration.

Faster Delivery

Multi-threaded parallel processing and pre-built source connectors shorten timelines by weeks or months.

Zero Business Risk

Read-only extraction, airgap staging and SHA-256 validation keep sources safe and content bit-perfect.

Compliance Ready

XML, PDF and Excel audit reports at every stage meet governance and regulatory needs from day one.

High Performance

Configurable concurrency and chunk-based handling, run unattended around the clock at 100TB+ scale.

Re-run & Recovery

Checkpointed, restartable jobs with duplicate prevention resume cleanly after any interruption.

DUAL-ENGINE ARCHITECTURE

Two engines, one secure airgap.

Source and target are never connected. Content is extracted read-only, staged for full inspection, then loaded through the native Alfresco SDK.



Read-only source. Never altered, deleted or overwritten.

CRC-32 + SHA-256. Checked on export, re-verified on import.

Inspect before load. Nothing reaches the target unchecked.

SALIENT FEATURES

- **Authenticated connection** — Secure REST, multi-repository selection
- **Cabinet / folder tree browser** — Visually scope exactly what to export
- **Bulk content export** — Docs, metadata, versions, renditions, ACLs
- **Large file streaming** — Chunked sequential — no out-of-memory
- **Version history export** — All versions, version-number suffixes
- **Rendition export** — Alternate renditions such as PDF
- **Structured XML metadata** — XSD-validated manifest for every run
- **Pre-analysis reports** — Inventory, users, types, special characters
- **Post-export reporting** — PDF + Excel per-document outcomes
- **Runtime chunking** — Change chunk size in the UI, no restart
- **Real-time log display** — Timestamped activity streamed live

- **Bulk document import** — Mass upload from structured XML
- **Metadata transformation mapping** — Source properties to target schema
- **Version history preservation** — Replayed with author, timestamp, labels
- **Large file support** — Reassembles chunked binaries pre-upload
- **Annotation (XFDF) support** — Uploaded as linked related nodes
- **Duplicate prevention** — Existence check — safe to re-run
- **Destination tree browser** — Live view to choose the target folder
- **Post-import reporting** — XML + PDF (A2) + Excel, every status
- **Email notifications** — Branded HTML progress and completion
- **Real-time log display** — Timestamped activity streamed live

BUILT-IN CONTENT TRANSFORMATION

Pre/post comparison · Compression · TIFF→PDF · DOC→PDF/A · Renditions & previews · Normalization

ADVANCED MIGRATION CAPABILITIES

Built for complex, high-stakes migrations.

Delta / Incremental migration
Re-run to capture only what changed since the last pass, keeping cutover downtime minimal.

Rules-based Transformation engine
No-code mapping rules and functions, with lookup tables for values, users and groups.

Relations & compound documents
Document links, virtual and compound documents, and renditions kept as related objects.

Audit Trail Migration
Carries the source system's audit history across — not just DocOrbit's own reports.

Central Migration Data
Status and full history for every object, searchable from a client UI.

Distributed Job Servers
Scale out across multiple worker machines, with scheduled runs.

Pre-import Validation
Transformed metadata checked against the Alfresco content model before loading.

Metadata-only Runs
Update metadata on already-migrated content without moving the binaries again.

KEY DIFFERENTIATORS

- ✓ **Purpose-built Connectors** — Native connectors for 27+ platforms — not a generic adapter
- ✓ **Zero Data Loss** — SHA-256 validated, byte-perfect on every file
- ✓ **Transformation-ready** — Comparison, compression and format conversion built in
- ✓ **Fully Auditable** — XML, PDF and Excel reports at every stage
- ✓ **100 TB+ Proven Scale Migrations** — Multi-stream parallel architecture, no size limit
- ✓ **High-speed Parallel Processing** — Configurable multi-threading, 24/7 unattended
- ✓ **Re-runnable & Fault-Tolerant** — Resume from the last checkpoint with deduplication
- ✓ **Enterprise-grade Security** — Secure REST, airgap staging and audit trails

5-PHASE MIGRATION LIFECYCLE

01
Assessment & Planning
Inventory, scope, risks and strategy.

02
Pre-migration Preparation
Backups, configuration and staging.

03
Migration Execution
Monitored EXPorter + IMPorter batches.

04
Testing & Validation
Every document reconciled and verified.

05
Go-live & Support
Cutover, hypercare and sign-off.

CONNECTOR ECOSYSTEM — ANY SOURCE TO HYLAND ALFRESCO

Purpose-built connectors · Source & Target Systems list continuously expanding

Source Systems

Enterprise ECM

Documentum · Content Suite · Extended ECM · eDOCS · Vista Plus · ApplicationXtender · eRoom · Livelink · Alfresco Community · Alfresco Enterprise · M-Files · Laserfiche · IBM FileNet · Epicor / DocStar · DocuWare · DocuShare · SocialText · Lotus Notes · DocMee

Life sciences & Legal

Veeva Vault · TrackWise · iManage · Worldox · CARA · DXC

Cloud / Collaboration & Saas

SharePoint · OneDrive · Google Drive · Box · Egnyte · Confluence · Jive

Cloud & Fileshare

Amazon S3 · Azure Blob Storage · File system · XML / Excel / CSV

DocOrbit

- EXPorter
- Airgap
- IMPorter
- SHA-256

Target System

Hyland Alfresco

Hyland
Alfresco Content Services

Other **targets** on request

All migrations are delivered into Hyland Alfresco Content Services — the enterprise-grade, open-source ECM platform.

Ready to transform your ECM migration?

DocOrbit BY TECHTIERA

Schedule a demo
A live walkthrough tailored to your source platform and Hyland Alfresco.

Technical assessment
We analyse your environment, size data volumes and flag complexity upfront.

Migration planning
A phased plan with timelines, resources and risk mitigation.

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