DocOrbit
BY TECHTIERA

ECM MIGRATION ACCELERATOR

MIGRATION FROM ANY SOURCE TO ANY TARGET

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 between legacy and modern ECM platforms, from any source to any target — 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 → **Any target**

Purpose-built connectors for 27+ platforms — including Hyland Alfresco, M-Files, Epicor ECM, OpenText, IBM FileNet and Microsoft SharePoint.

WHY DOCORBIT

Any source to any target — 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 platform on both the source and the target side, 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 target

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 target

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 target platform's native SDK or API.



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 target 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 ANY TARGET

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 Systems

Microsoft
- SharePoint
- OneDrive

Hyland
- Alfresco Content Services
- OnBase

OpenText
- Extended ECM (xECM)
- Documentum
- Content Suite
- Information Archive

Enterprise ECM / Cloud & Saas
- M-Files
- Epicor ECM (DocStar)
- Laserfiche
- Box
- Egnyte
- Confluence

Life sciences
- Veeva Vault
- TrackWise
- CARA

Cloud & Fileshare
- Amazon S3
- Azure Blob Storage
- File system + XML
- Excel / CSV
- Other **targets** on request

Ready to transform your ECM migration?

DocOrbit BY TECHTIERA

Schedule a demo
A live walkthrough tailored to your source and target platforms.

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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