



# Document Archive Migration Services

© 2011 - Data Strategies International, Inc.

## The Business Case

Many organizations that have vintage Electronic Document Archive(s) will have an incentive to update to newer Enterprise Content Management (ECM) software and storage systems. This is especially the case when end-of-life hardware, such as optical libraries, is used for archival storage.

When moving to a different ECM platform, typically the need exists to migrate the unexpired legacy documents (scanned images, PDF documents, COLD reports, etc) and associated indexes to the new document archive. Format conversions, e.g. from AFP or Metacode to PDF may be required for the new environment. Whereas most platforms make it easy to ingest documents, there is typically no facility for the batch export of documents. Even when utilities or APIs exist to export the documents from the legacy archive, the vintage legacy server is often overloaded already and cannot sustain an additional heavy load, which an on-line migration solution would require. Data Strategies specializes in off-line migrations, meaning that we operate on a copy of the archive data, utilizing fast, modern workstations and our proprietary software to perform the migration. Especially large legacy archives with slow storage (e.g. optical) benefit from this approach. And it's the only way to go if the legacy archive has no capability to batch-export documents.

Data Strategies International has over 20 years of experience with media conversion and data migration services. Our off-line migration services are unique in that they use technologies and processes that do not impact the customer's day-to-day operations. Using the off-line approach, large scale data migrations and conversions are performed in the shortest time and the most cost-effective way.

## Data Sources

If the legacy archive uses a regular file system for storage, a copy can typically be provided on USB or NAS storage. Otherwise, we utilize production optical platters, back-up optical platters, back-up magnetic tapes or extract data from CAS systems, such as Centera.

### Supported Archives

Anacomp DocHarbor | AXS-One Central | Berillion COLD | Beta Systems | Bisys | BMC Control-D | Canon CanoFile | Computer Associates CA View / SAR, CA-Dispatch, CA-Express & Delivery, CA-SAR | Computron COOL | ComSquared ERM/COLD, UNISearch | Datawatch BDS | DocStar | Docupace | Docuware | Eastman Imaging | EMC Documentum, Legato - AppXtender /ApplicationXtender | EPSIIA Corp. Digital Xpress Reports (DXR) | Exigen / Hart VisiFLOW | FileMark Smarti | FileNet Content Services, Image Services, Report Manager | FileTek Ammo, StorHouse | Hershey Singularity | Hyland Onbase | IBM Content Manager, ImagePlus/IAFC, OnDemand, R/DARS, RMDS, Visual Info | IMR/Captaris Alchemy | INSCI COINSERV, ESP+archive, WebCOINS/WinCOINS | IXOS ARCHIVE | Keyfile | Kodak Axcis, OARS, Optistar | LaserFiche | MacrolImage | Macrosoft MacroFiche | Maximal Systems MaxDoc/MaxRetriever | Microsoft Sharepoint | Minolta MiMs | Mobius / ASG InfoPac, ViewDirect | Open Text Vista Plus | Optical Image Technologies DocFinity | Optifiche | Optika | Optisys | OptrieveOTG ImageXtender | Paperclip | Paperwise DataWise/ImageWise | Real Vision RVI | RSD EOS, Folders | Speedscan | Stellent UCM | Sungard StorQM | TASC Inc TASC-COLD | TREEV DataTREEV, DocuTREEV | Unisys Infolmage | ViewStar Corp ViewStar | Watermark Enterprise

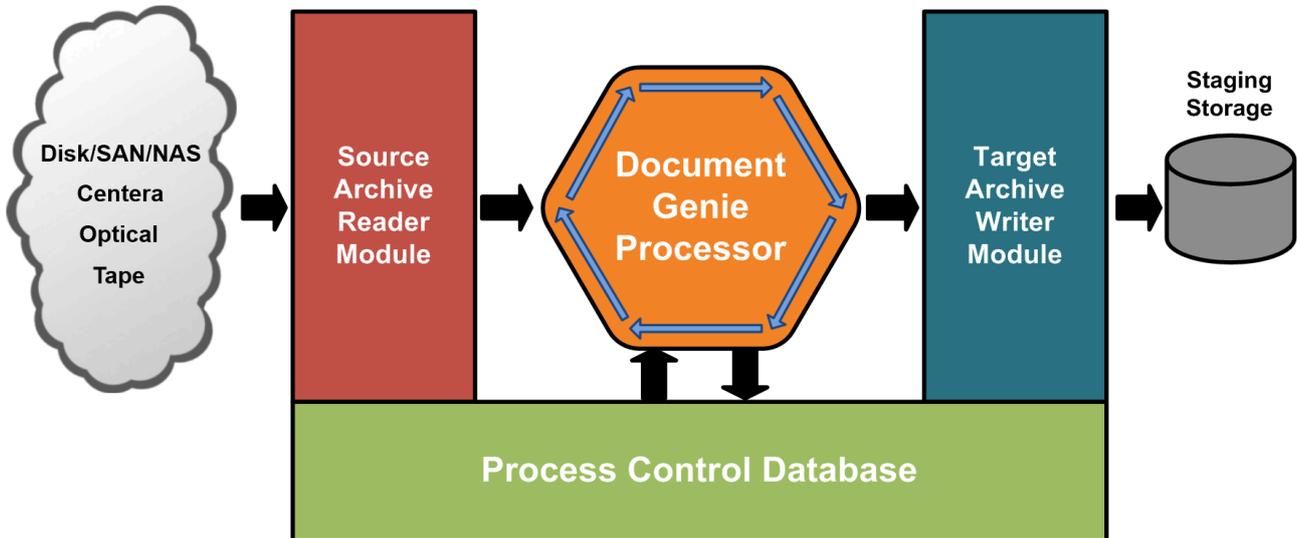
### Storage Methods

ADIC AMASS | IBM OAM | IXOS Jukeman | EMC Centera, Legato DiskXtender | QStar HSM

Centera | Legato DiskXtender | QStar HSM  
ADIC AMASS | IBM OAM | IXOS Jukeman | EMC

## Format Conversions

DSI has ample experience with the format conversion of the document formats that originated on IBM mainframes, such as all MO:DCA types, AFP, AFPDS and Xerox Metacode/DJDE. We can extract fonts and other resources from the corresponding libraries on the legacy systems (including iSeries / AS400), yielding documents with maximum semblance to the originals.



## Quality Control & Assurance Procedures

All our migration and conversion processes are database driven. This allows for efficient quality assurance procedures and complete process audit-trail creation. Automatic data format validation plays an important part in the overall quality control of the migration process.

## Data Delivery

The output documents and associated indexes are delivered on media of customer's choice. Typically, we generate the control files or scripts that allow for the ingestion of the documents and associated indexes into the target archive. USB or NAS drives are nowadays the most common delivery media.

However, we can also generate application specific data tapes, e.g. for mainframe target archives. The service of ingesting the documents in the target

archive can be provided by Data Strategies, although typically this is handled by the client or by the provider of the new archive solution.

## Architecture

All data migration services provided by DSI are performed off-line using our proprietary technology that is the result of years of development in the area of legacy data archive conversion.

Our conversion platform is characterized by a high degree of flexibility and modularity to easily adapt to a broad range of conversion types and project size. It is also continuously expanded to support additional formats/systems. Support for new legacy archive formats can typically be provided within a few weeks of in-house analysis and development.

We offer our customers the option of performing the service either on-site or off-site at our secure facilities in Houston, Texas or Como, Italy.



**USA**  
Data Strategies International, Inc.  
8562 Katy Fwy, Suite 154 - Houston, TX 77024  
info@go-dsi.com  
Phone: +1 713 782 7183  
Fax: +1 713 461 3374

**EUROPE**  
Data Strategies International Europe S.r.l.  
ComoNeXT parco scientifico tecnologico  
Via Cavour, 2 - 22074 Lomazzo CO, Italy  
europe@go-dsi.com  
Phone: +39 0362 163 6092  
Fax: +39 031 425 0179