

MigratePro.ai

Cost-Efficient & Compliant Data Migration for GxP Systems:
Prana Life Sciences' End-to-End Solution



Challenges & Problems

- Development of data migration mapping specification is time-consuming and error prone.
- Extraction of metadata for PDF and image documents is a challenge if they are housed in SharePoint-like systems.
- GxP data transformation has risks such as data loss and data integrity issues.
- Manual uploading of the data is generally effort-intensive, which leads to project delays and compliance issues.
- Generally, verification of migration data is performed on small samples which may not be sufficient.
- Complex Mapping, Transformation & interpretation of data.
- Limited Scalability.
- Resource Bottlenecks.
- Business Disruption Risk.

Capabilities

- AI-Powered data and field mapping recommendation engine: AI Models generate the first draft of the mapping specification by automatically analyzing source and target system configurations.
- GxP Compliant AI Models generate document metadata for the Document Migration where metadata is missing or incomplete.
- GxP Compliant, API-based automated loading of Source Data into target systems:
 - Documents
 - Records
 - Audit Trails
 - Configurations
- 100% Source-to-target verification that generates verification reports along with evidence.
- Minimized Downtime and maintain business continuity with streamlined operations.
- Faster ETL Cycles: AI-driven extraction, transformation, and loading (ETL) cycles.
- Intelligent Metadata discovery, extraction, and accuracy using Gen-AI.
- Automated Data Verification and Validation of End-to-End migration process.

Benefits

- Increases Overall Data Migration Efficiency by up to 30%.
- Virtually eliminate manual intervention resulting in faster project completion and fewer bottlenecks.
- **Error Reduction** and higher accuracy of data with fewer manual touchpoints.
- Decreases Time Required for Mapping Source and Target Fields by up to 35%.
- Real-Time Adjustments: The AI system learns from previous mapping activities and adapts to suggest more accurate field mappings for future migrations, continuously optimizing performance and reducing rework.
- Reduces Time Required for Metadata Extraction by up to 45%.
- Comprehensive, 100% Verification of Documents and Data.
- Regulatory compliance assurance with document integrity and data traceability.

Key Takeaways

MigratePro.ai offers significant improvements in efficiency, reducing both time and costs while maintaining full compliance with GxP regulations.

The automation of mapping, metadata extraction, and verification makes it an ideal solution for complex data migrations, ensuring accuracy and reducing manual labor. Built to handle the rigorous demands of GxP systems like Veeva Vault, MigratePro.ai is a future-proof, scalable solution for life sciences companies managing regulated data.

MigratePro.ai is completely interoperable and can be effortlessly integrated with systems via APIs. It leverages advanced Generative AI techniques for precise mapping generation.

