

INTELLIGENT APPLICATION SOLUTION:



Inventory & Movement

ClearDox **Inventory & Movement Application** is one in a suite of web-based intelligent applications which are designed to enrich data and automate commodity trading processes, through the digitization and reconciliation of multiple sources of unstructured and semi-structured data.

ClearDox applications are customized with AI models and data driven workflows to operate in synergy with underlying systems of record – adding clarity, context and control to the data surrounding trading, operations, settlement and reporting activities.

Solution Overview

The ClearDox **Inventory & Movement Application** supports operators involved in buying, selling, and storing physical commodities, including commodity trading firms, storage terminal operators, and transportation companies seeking to enhance operational efficiency, mitigate risks, and improve compliance reporting.

The current manual and fragmented approach to managing commodity inventory movements and reconciliations poses significant challenges for organizations, including inefficiencies, financial risks, and compliance issues. The **Inventory & Movement Application** digitizes movement data across multiple modes of transportation and inventory locations, enhances data accuracy and system throughput, and improves overall operational transparency with the use of advanced AI technologies.

Operations analysts can enjoy improved operational efficiency, streamlined contract actualization, and better visibility and control over inventory movements and storage levels.

Intelligent Application Key Features

Intelligent Data Driven Workflow:

Intelligently automate the processing, reconciliation, and reporting of daily movements of physical commodities. Less manual data entry, fewer errors.

AI Models: Our proprietary approach to best-in-class digitization technology excels in extracting and matching quality and quantity information from various sources with unparalleled accuracy and efficiency.

Multi-Source Reconciliation

Engine: With ClearDox, users can reconcile external documents from multiple sources with the inventory levels, ensuring strict conformity and providing transparency to contract performance and finance requirements.

Streamlined Document Management:

With robust document categorization, storage, grouping and search features, ClearDox simplifies the complexities of handling trade related documents, ensuring seamless access and organization.

Enhanced Visibility & Control:

Movement data can be amended by users to ensure accurate volume assessments in the system of record. The result? Real-time tracking and reporting, facilitating cross-functional risk management and decision-making.

Comprehensive Tracking and Reporting:

ClearDox's robust and intuitive reporting makes it easy for users to track, reconcile, and report inventory movements on a daily, weekly, and monthly basis.

Solution Components

Documents: Proprietary approach to AI model application and maintenance to extract relevant information from long-form letters of credit and supporting documents, even when embedded in blocks of plain text. Supported types include:

- Bills of Lading
- Inspection reports
- Quality Certificates
- Truck Tickets
- Pipeline Statements
- Inventory Statements

Automations: Inventory & Movement Dashboard to support data driven workflow

- **Integration:** System of record (C/ETRM) for parcel actualization recording and updates
- **Workflow:** Configurable data-driven inventory movement realization workflow
- **Reconciliation:** Multi-way reconciliation built on robust system configured pairing and matching logic with embedded workflow to accept and reject
- **Approvals:** Embedded document status to manage throughput and approval for digitization and document parsing
- **Versioning:** Automated side by side view to quickly assess updates across multiple versions
- **Communication:** In-app commenting for online collaboration

Reporting:

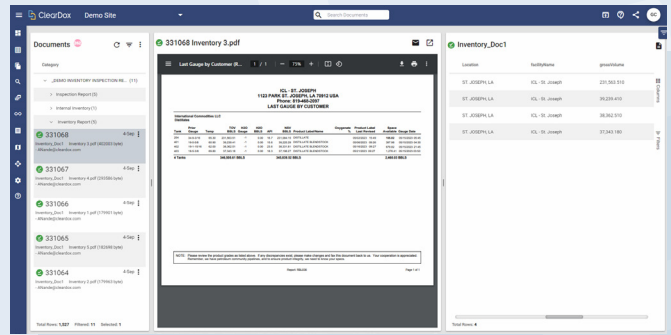
- Document Status Dashboard
- Inventory Movement and balance by day, week, and month
- Full audit capabilities on document, data, reconciliation, commenting and associated workflows

Storage:

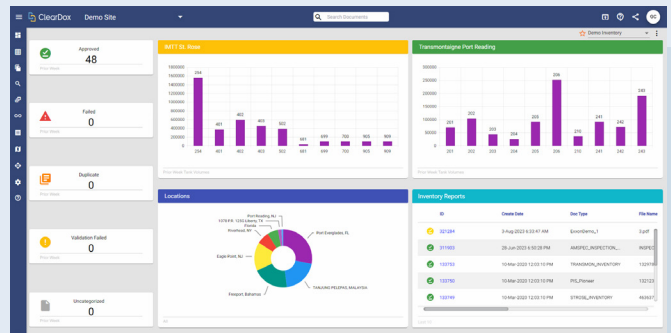
- Systematic linking of documents and records for file organization, storage, and retrieval
- Scalable infrastructure to respond dynamically to storage requirements

Integrations: Flexible options to integrate data

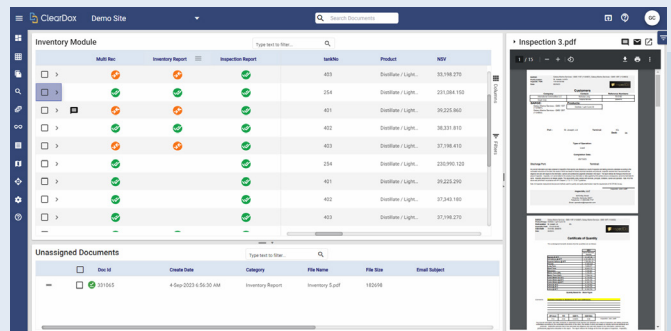
- **Inbound:** Email, API, SFTP, Web Scraping
- **Outbound:** REST API, Event Hub



General Document View



Dashboard



Reconciliation

Deployment, Security & Compliance:

- ClearDox SaaS environment operates on AWS, GCP, and Microsoft environments
- Multiple deployment options including multi-tenant, private cloud, and on-premises
- Provides data encryption in transit and at rest
- Multi-factor authentication and support for SSO authentication
- SOC2 Type 1 Compliance

ClearDox® allows commodity-intensive businesses to reduce decision risk with better information by digitizing and automating critical data-intensive processes. We are unique in the space by offering turnkey SaaS solutions embedded with operational AI-models specific to your commodity trade lifecycle gaps and challenges.

Please refer to our Software Pricing Policy for more information.
888-854-4245 · solutions@cleardox.com · cleardox.com

