![ChainSys logo]

Turn Unstructured Data into Actionable Intelligence

Because Raw Data Without Structure Is Just Digital Noise.

Unstructured data is like a conversation with no punctuation, hard to follow and easy to misinterpret. It piles up in multiple formats, slowing processes and clouding decision-making. ChainSys listens, decodes, and reshapes this data into a language any enterprise can understand. Our AI doesn't just sort, it understands context, relationships, and meaning. The result is structured intelligence you can trust, ready to power reporting, risk analysis, personalized services, and strategic decisions without the guesswork.

Fact Check:

Why Change Your Approach?

80%   A study by the IDC found that 80% of all data will be unstructured by 2025. (IDC)

90%   Around 90% of enterprise data is "dark data"—underused and unstructured. (techradar pro)

$1.6   Organisations will lose $1.6 trillion due to unstructured data by 2025. (Gartner)
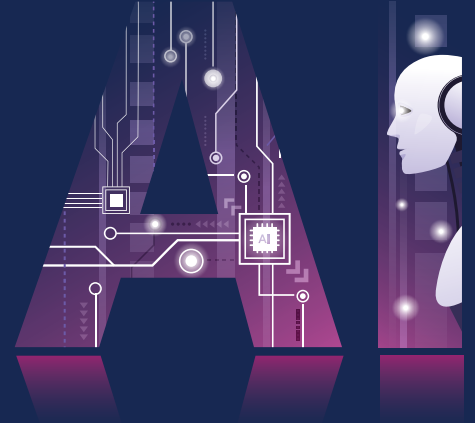
Laying the Groundwork:

Turning Unstructured Data into Usable Intelligence

Structured Data is critical for:

- Reveal insights hidden in unstructured sources.

- Make data AI/ML-ready and easy to analyze.

- Preserve context for better decisions.

Keys to a Successful Data Conversion:

- Apply AI-driven classification, extraction, and tagging.

- Maintain governance, quality, and security throughout the process.

- Integrate structured outputs seamlessly into enterprise systems and analytics tools.
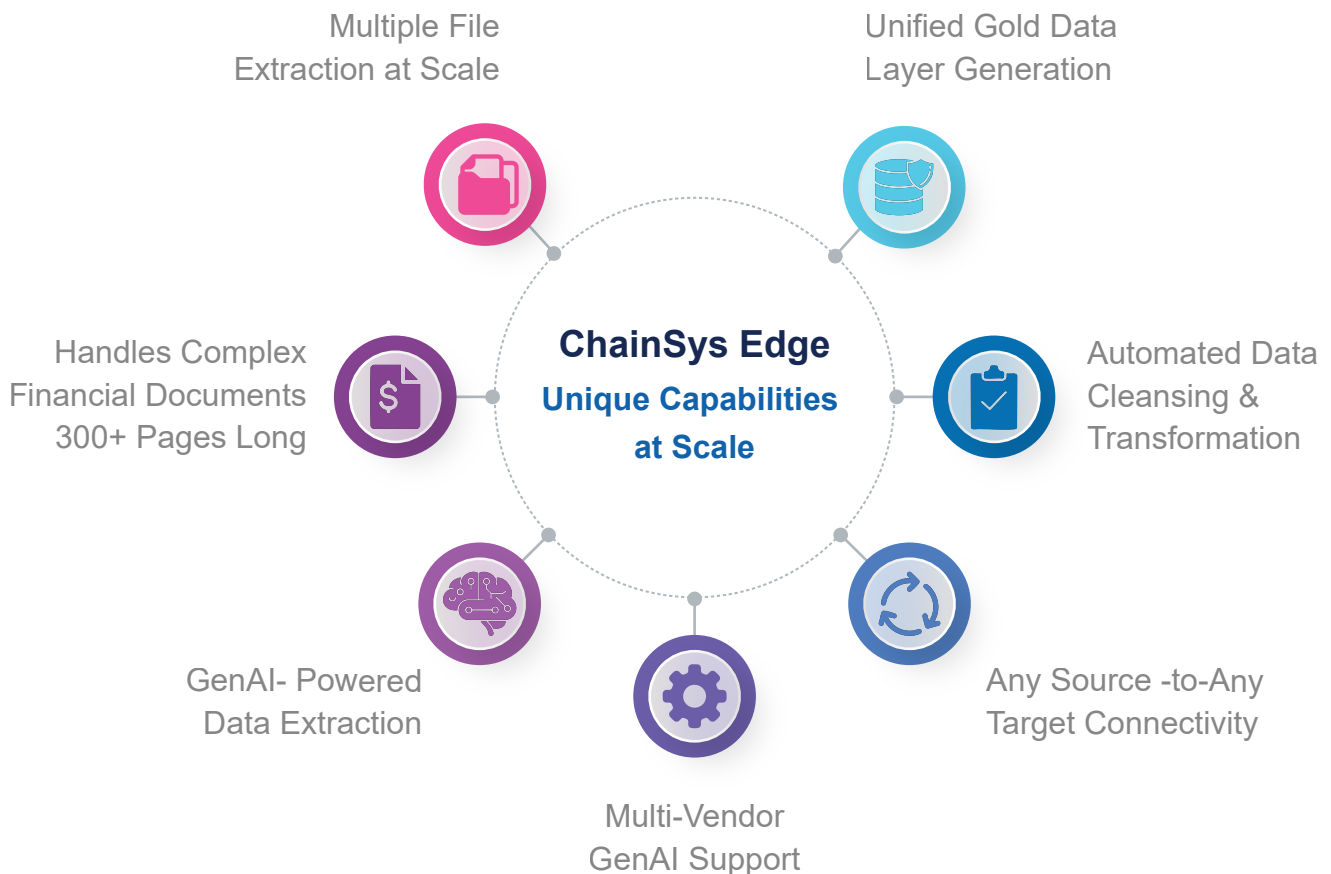
Introducing ChainSys AI-Powered Platform

Turning Raw Files into Governed Data

ChainSys Smart Data Platform transforms unstructured data into structured, business-ready datasets through an automated process. It ingests files from any source, designs the target schema, and uses AI to classify, analyze, and extract key fields. The data is then cleansed, standardized, and enriched before users review and approve it for loading into ERP, CRM, warehouses, or lakes. Finally, it creates a golden data layer and dashboards, delivering governed, reliable, and actionable insights.

The ChainSys Edge

Multiple File Extraction at Scale

Unified Gold Data Layer Generation

Handles Complex Financial Documents 300+ Pages Long

ChainSys Edge
Unique Capabilities at Scale

Automated Data Cleansing & Transformation

GenAI- Powered Data Extraction

Any Source -to-Any Target Connectivity

Multi-Vendor GenAI Support

Battle of Conversions:

ChainSys and Market Tools Compared

Capability	ChainSys	Market Tools
AI-Prompted Custom Extraction	✅ GenAI-powered prompts (ChatGPT, Gemini, etc.) for tailored extractions	⚠️ Mostly rule-based, limited adaptability
Context Preservation & Relationship Mapping	✅ Maintains meaning & links between entities	❌ Often lost in conversion
Multi-Format Support (docs, images, logs, IoT, signatures, logos, etc.)	✅ Broad support out of the box	⚠️ Requires add-ons or custom work
Multi-File Extraction	✅ Handles bulk uploads of diverse files (PDFs, Excel, images, emails) in a single run	⚠️ Requires separate handling or manual stitching
Complex Financial Document Handling	✅ Efficiently processes 300+ page financial PDFs with tables, footnotes, & unstructured text using AI	❌ Struggles with long, unstructured documents; requires manual intervention
Golden Record Creation	✅ Automatic cleansing, transformation, and consolidation into golden records	⚠️ Requires manual reconciliation or extra tools
Built-In Governance & Security	✅ Embedded governance workflows & role-based access	⚠️ Governance handled separately
Real-Time Processing & Integration	✅ Instant conversion and push to enterprise apps	❌ Batch processing only
Self-Service Data Discovery	✅ Searchable, indexed structured outputs	❌ Technical team required for access
Scalability	✅ Handles millions of records effortlessly	⚠️ Performance drops at scale

✅ **Best-in-Class**
Industry-leading capability with full automation and intelligence.

⚠️ **Partial** Available but limited in scope, performance, or flexibility.

❌ **Missing**
Not available or requires extensive manual work/customization.

Why Data-Driven Companies Trust ChainSyS for Data Conversion

Multiple Files, Any Source – Any Target:

ChainSys eliminates format and platform barriers. From PDFs, spreadsheets, emails, images, and mainframe extracts, data can be ingested seamlessly and delivered to any target system—ERP, CRM, data lake, or cloud platform.

AI-Prompted Extraction & Standardization:

Leveraging advanced GenAI engines such as ChatGPT and Gemini, ChainSys enables prompt-driven extraction. Complex unstructured inputs are automatically detected, structured, and standardized. Enterprises can process thousands of KYC files or claims in hours, significantly accelerating compliance and decision-making.

AI-Assisted Review and Approval:

Accuracy and trust remain central. AI suggests mappings, validations, and corrections, while compliance officers or business users retain final control before data is committed to target systems. This human-in-the-loop approach combines the efficiency of automation with the assurance of expert oversight.

Cleansing, Transformation, and the Golden Hub:

Extracted data is automatically cleansed, enriched, and transformed into golden records, consolidated within a central Golden Hub. This hub provides a single source of truth for analytics, reporting, and integration, ensuring consistent, reliable, and analytics-ready data across the enterprise.

Scalable to Enterprise Volumes:

Designed for large enterprises, ChainSys processes billions of records with minimal downtime, making it suitable for global BFSI, manufacturing, and healthcare organizations.

ChainSys's Approach to Structured Data Conversion

Ingest Files from Any Source Connection

Chunk and Analyse Files Based on User Requirements Using AI- Powered Prompts

Data Cleansing and Transformation

Build Dashboards for Business Use Cases

Design Target Schema

Review, Approve and Load Data Any Location

Generate Gold Data Layer
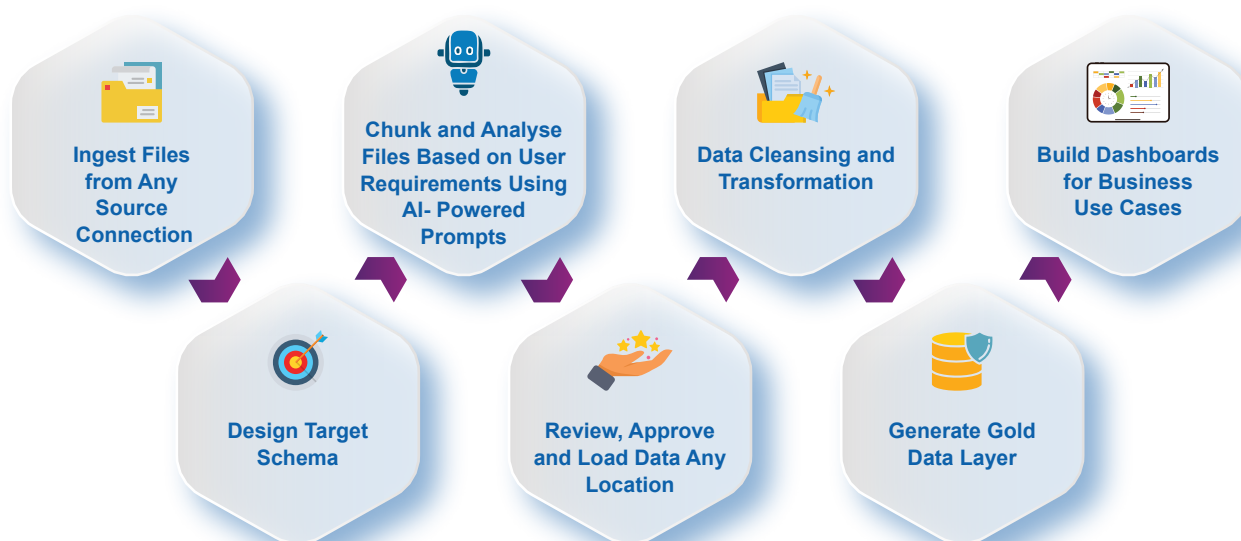
Ingest Files from Any Source Connection

Connect to any data source, including databases, APIs, cloud storage, or local files-and securely ingest files.

Design Target Schema

Create a target data model or schema to structure the ingested data as per business requirements.

Chunk and Analyse Files Using AI-Powered Prompts

Automatically break large files into chunks and analyse them using intelligent AI prompts to match user expectations.

Review, Approve, and Load Data to Any Target Location

Validate and approve data before loading it to any target cloud data warehouse, database, or Lakehouse.
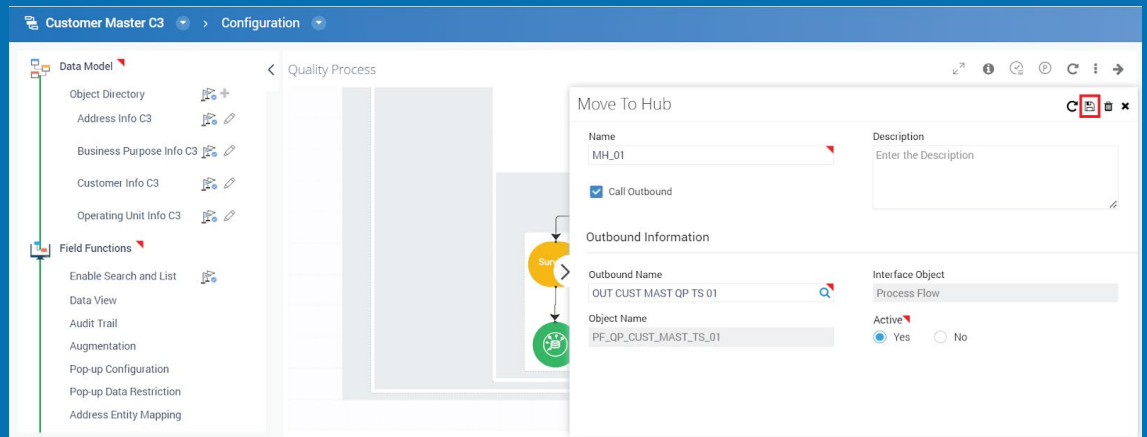

Data Cleansing and Transformation

Cleanse and transform raw data-fly formats, remove duplicates, and handle missing values for high quality & consistency
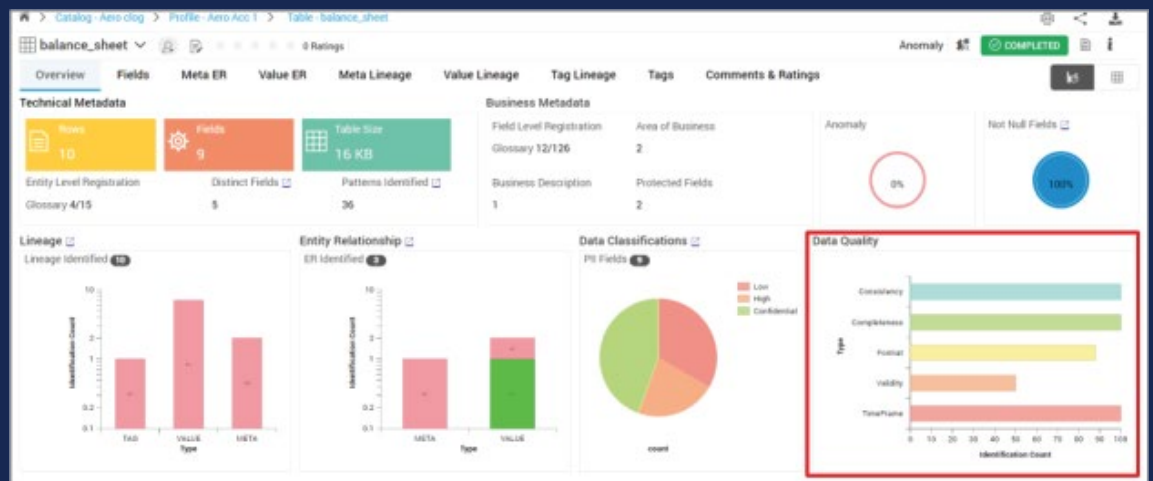
Generate Gold Data Layer

Create refined, analytics-ready data layers (Gold Layer) for downstream business intelligence

Build Dashboards for Business Use Cases

Design dashboards tailored to business KPIs and metrics

ChainSys has delivered it successfully

World's Leading Brand

Trust
Our Data Solutions

Use Case:

Passport Data Extraction Using ChainSys Smart Data Platform

Objective:

Extract key personal and travel-related details from passports to support KYC, identity verification, and compliance processes.

Source:

Solution Overview:

Step 1- Ingest Passport Files:

- Scan or upload digital copies of passports (PDFs, images, scans) from any source-databases, storage, or emails.

Step 2- Design Target Schema:

- Define attributes to be extracted such as Name, Passport Number, DOB, Nationality, Issue/Expiry Dates, MRZ codes, etc.

Step 3- Chunk and Analyse Files Based on User Requirements Using AI-Powered Prompts

- Use AI + OCR + GenAI prompts to identify and extract fields from structured and unstructured zones (e.g., MRZ lines, embedded text, stamps).

Step 4- Review, Approve and Load Data Any Target Location:

- Users validate extracted fields, cross-check formats (like date formats), and approve for downstream use.

Step 5- Data Cleansing and Transformation:

- Standardize formats, enrich missing values, and handle anomalies for accuracy and compliance.

Step 6- Generate Gold Data Layer:

- Consolidate verified data into a trusted "golden record" for KYC and compliance processes.

Step 7- Build Dashboards for Business Use Cases:

- Design dashboards tailored to business KPIs and metrics

Sample Attributes Extracted:

- Full Name
- Passport Number
- Date of Birth
- Place of Birth
- Gender

- Nationality
- Date of Issue
- Date of Expiry
- Issuing Authority
- Machine-Readable Zone (MRZ) codes

The ChainSys Advantage:
Automation vs Manual Work

Aspect	ChainSys Smart Data Platform	Manual Extraction
Time Taken	✅ < 15 seconds per passport	⚠️ 10–15 minutes per passport
Accuracy	✅ > 98% accuracy with OCR + AI	❌ Prone to typos, misreads, human error
Scalability	✅ Millions of passports can be processed in bulk	❌ Limited to a few documents per day per person
Compliance	✅ Automated compliance (PII masking, GDPR-ready)	❌ Risk of mishandling PII; manual masking required
Validation	✅ Built-in cross-checks, validation, and date checks)	⚠️ Requires separate manual verification
Cost	✅ Low incremental cost after setup	❌ High manpower cost for large volumes

Our Differentiators

10000+	**70%**	**99.9%**	**360°**	**Low / No code**
Smart Data Templates for 200+ Applications	Cost & Time Reduction in Data Ingestion Migration	Data Quality Improvement	Perspective with Automated Governance Protocols	Approach for ease of Development & Rapid Deployment

ChainSys Overview: 26+ Years of Innovation

Places   **People**   **Process**   **Projects**   **Product**

Places
Global Headquarters

(flags: India, USA, Singapore, UAE, Qatar, Netherlands)

People
1500+ Data Professionals Worldwide

1000+ Data Engineering Experts (Development, QA, DevOps, Security & Support) Team

300+ Enterprise Applications Experts

90% Employee Retention Rate

Process
Hub & Spoke Architecture

Data Management Accelerators with 10000+ templates

TUV SUD ISO 9001   TUV SUD   TUV SUD ISO 20000   TUV SUD ISO 27001

MLS CMMI APPRAISED

AICPA SOC   SOC 1 TYPE II CERTIFIED   AICPA SOC   SOC 2 TYPE II CERTIFIED

GDPR COMPLIANT   PCI DSS COMPLIANT

Projects
Completed 500+ Projects for Our Customers Worldwide

We offer value added services on our products Like:

1. Advisory
2. Architecture
3. Implementation
4. Training
5. Support

Product
Manage your Data

Smart Data Platform
dataZap   dataZen
dataZense

Manage your Business

ElasticX™   Smart BOTS
Smart App Builder™

Partnership | SAP | IBM DB2 | ORACLE | salesforce | Microsoft | SYBASE | snowflake | dun & bradstreet

Technology | cloudera CONNECT | (hadoop) | JS | mongoDB | (apple) | Java | ANDROID

"I am honored to serve as ChainSys's CEO during this remarkable era of Digital transformation, as ChainSys is on an exciting trajectory to support this shift and help customers design, implement, and deploy the latest innovations in enterprise data management. We are honored to have a great customer base, hard-working & multi-skilled employees across the globe, and a respectful position in all the markets where we compete."

Sundu Rathinam Founder/ CEO/ CTO, ChainSys

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