

Unstructured Documents Obstruct Business Agility

Organizations across industries are inundated with unstructured documents, from forms and contracts to reports and statements. Processing these manually is time-consuming, error-prone, and resource-intensive. Without automation, this valuable information remains underutilized, slowing decisions, increasing risk, and driving up costs.

Transform Unstructured Content into Actionable Intelligence

Caylent helps organizations automate document intake, classification, and data extraction using AWS-native services and advanced AI models. Our modular and secure architecture streamlines operations, improves data accuracy, and accelerates time to insights while supporting compliance, governance, and scalability across industries such as Financial Services, Healthcare, Public Sector, and more.

Where We Can Help



Application & Form Processing

Extract information from applications, intake forms, and supporting documentation to accelerate approvals and reduce manual workload.



Compliance & Risk Management

Automatically classify, extract, and validate information to support audits, regulatory requirements, and internal governance frameworks.



Contract & Document Review

Parse key terms, dates, and obligations from contracts, agreements, and statements to improve downstream workflows and risk assessment.



Identity Verification & Onboarding

Streamline verification processes by extracting and validating data from identity documents, income proof, licenses, and utility statements.

Our Approach

Plan & Design

Create AWS architecture, design financial-specific AI models, and define secure integration patterns

Launch & Deploy

Deploy infrastructure with compliance controls, monitoring, and business rule engines

01

Discover & Define

Audit document types, evaluate readiness, prioritize use cases, and map regulatory requirements

02

Build & Validate

Implement document pipelines, train models, validate workflows through real-world pilots and UAT

03

04

Manage & Extend

Enhance continuously through quarterly optimization, retraining, and adapting to new regulations

05

Deliverables

Assessment Report	Use case prioritization, data quality analysis, and compliance requirement mapping
Reference Architecture	Secure, scalable templates for document ingestion, extraction, and enrichment using AWS native services
Custom Model Specifications	Tailored training data plans, model benchmarks, and business logic mappings
Production-Ready Deployment	CI/CD pipelines, role-based interfaces, and full integration with your operational and compliance systems

Customer Story

Generative AI

Document Processing

Logistics Management

Challenge

A leading transportation technology firm processing over 1 billion documents annually faced major limitations with their third-party solution. The system lacked accuracy for critical documents, required up to 24 hours for processing, and offered no IP ownership.

Solution

Built a custom intelligent document processing solution on AWS. The system integrated Amazon Textract, Bedrock, and specialized classification frameworks to improve accuracy, reduce latency, and support high-volume, multi-document pipelines.

Results

Document processing time dropped from 24 hours to under 5 minutes. Extraction accuracy increased by over 20 percentage points, while throughput scaled to support 330,000+ pages per day. The client gained full ownership of the platform, real-time monitoring, and a future-ready foundation.

Let's Get Started

No matter where you are on your journey, Caylent can help you quickly achieve your AI goals, from reinventing customer experiences and creating innovative new applications to massively improving productivity.

Whether you are looking to define a use case, create a roadmap, build a prototype, or implement a production ready solution, Caylent has a suite of offers tailored specifically to accelerate your goals.

