

Turn Documents Into Data Driven Decisions

Process Documents Faster, Smarter, and at Scale

Eccentex Intelligent Document Processing (IDP) revolutionizes how organizations process unstructured data. By combining AI, OCR, natural language processing, and machine learning, IDP extracts insights from documents with human-level accuracy—at a fraction of the time and cost.

Core Benefits

- **Accelerate Operations:** Automate document intake, classification, data extraction, and validation—cutting processing time from days to minutes.
- **Reduce Costs & Errors:** Eliminate manual data entry and reduce costly human errors with machine precision.
- **Enhance Compliance:** Ensure data accuracy, traceability, and regulatory compliance with intelligent audit trails.
- **Scale With Confidence:** Process millions of documents effortlessly, from invoices and contracts to claims and onboarding forms.
- **Empower Decision-Making:** Deliver structured, real-time insights to downstream systems—fueling automation, analytics, and smarter workflows.
- **Data Harmonization and Transformation:** Full control on data normalization and transformation through intuitive no-code ETL interface.
- **Native Case Management Integration:** Eccentex IDP is integrated part of HyperAutomation Cloud, so no 3rd party API connection needed.

Sample of Vertical Use Cases

- **Banking & Finance:** Automate KYC, loan applications, and compliance reporting.
- **Insurance:** Streamline claims processing and policy administration.
- **Healthcare:** Digitize patient records and accelerate billing workflows.
- **Government:** Modernize citizen services and document archiving.
- **Legal:** Index contracts, case files, and discovery documents instantly.

Digitize



Simplify



Automate



Watch the demo ▶

The screenshot shows a 'Verification Form' with fields for 'Child', 'First Name', 'Middle Name', 'Last Name', 'Date Of Birth', 'Sex', 'Birth Place', and 'City'. Below the form is a sample document titled 'COUNTY OF LOS ANGELES' and 'CERTIFICATE OF BIRTH'.

Why to choose Eccentex IDP

- **End-to-End Automation:** From document ingestion to downstream integration AI That Understands
- **Context and accuracy:** Extracts meaning, not just text
- **Seamless Integration:** Works with your existing systems, RPA, and workflows
- **Enterprise-Grade Security:** Built for highly regulated industries
- **Continuous Improvement:** With a Human in the Loop supervised learning improves the accuracy over time with every document processed

Learn more ▶



eccentex

Key Features of **eccentex**

intelligent document processing

Eccentex Intelligent Document Processing users can easily validate, correct, and approve extracted data through a web-based interface. Confidence scores highlight low-certainty fields, enabling efficient exception handling and continuous model improvement..

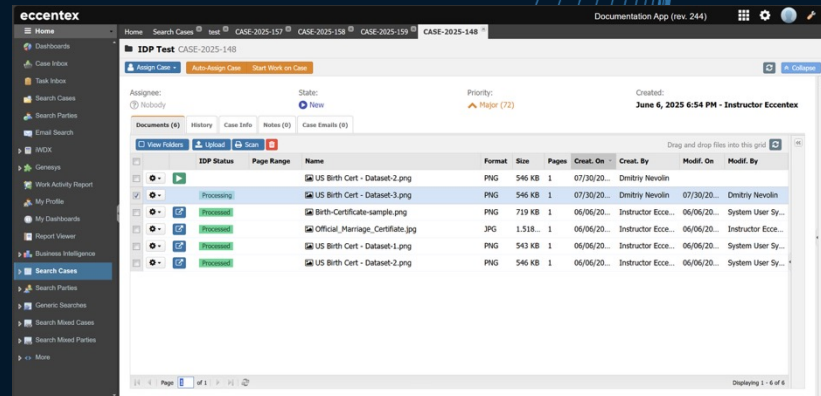
Top 5 Capabilities of Eccentex IDP Solution

1. End-to-end Document Automation

- **Multi-Channel Ingestion:** Captures documents from email, scanners, mobile apps, APIs, portals, or cloud storage.
- **Document Classification:** Automatically categorizes documents by type (e.g., invoice, ID, contract) using machine learning.
- **Data Extraction & Validation:** Extracts structured data (e.g., names, dates, amounts) with high accuracy and validates it against business rules or external databases.
- **Output Routing:** Feeds clean, structured data directly into ERP, CRM, workflow engines, or RPA bots.
- **Post-Processing Logic:** Apply business rules, validations, or enrichment steps to extracted data before sending it to downstream systems.

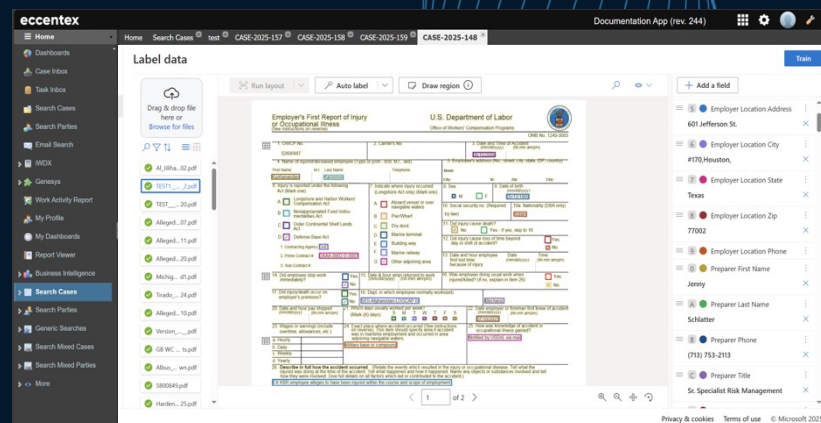
2. AI That Understands Context

- **Natural Language Processing (NLP):** Interprets language patterns, semantic meaning, and intent across unstructured content.
- **Named Entity Recognition (NER):** Identifies and categorizes names, locations, dates, and key business terms.
- **Table & Form Recognition:** Understands complex layouts and extracts data even from nested tables or multi-column forms.
- **Contextual Disambiguation:** Resolves ambiguities (e.g., distinguishing between a billing and shipping address) based on document context.
- **Handwritten Text Recognition with Contextual Validation:** Accurately interprets handwritten fields by combining OCR with AI-powered context awareness, reducing errors from unclear or inconsistent handwriting.



Business Impact

- Reduces manual workload by up to 80%
- Enables real-time data availability for faster decisions
- Increases operational throughput and SLA adherence



Business Impact

- Extracts up to 98% of relevant data with human-like accuracy
- Supports decision automation with better information integrity
- Reduces exceptions and rework due to misinterpreted content

Key Features of **eccentex**

intelligent document processing

A key strength of **Eccentex Intelligent Document Processing** lies in how well it plugs into your existing ecosystem—turning data into value immediately. Sensitive documents demand serious protection. Eccentex IDP is built with enterprise-level security and full compliance in mind. Faster claims, smoother onboarding, instant compliance. That's the power of Eccentex IDP.

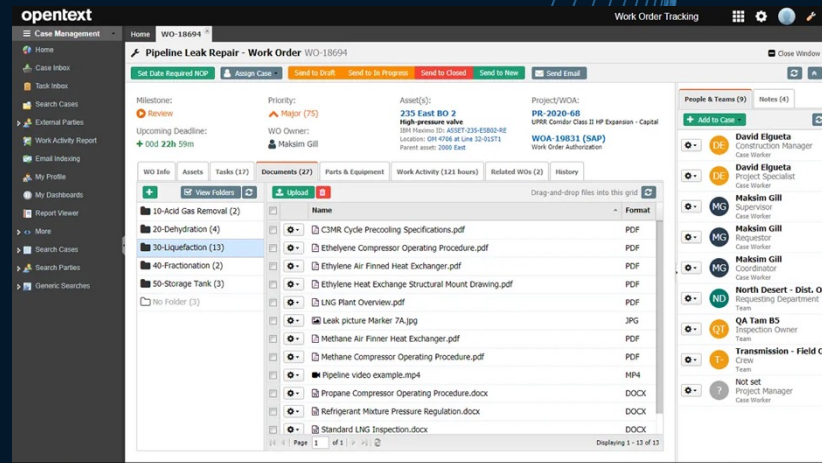
Top 5 Capabilities of Eccentex IDP Solution

3. Seamless Integration With Enterprise Systems

- **Out-of-the-box Connectors:** Pre-built APIs and integrations for systems like SAP, Salesforce, Siebel, and Microsoft Dynamics.
- **RPA Compatibility:** Works seamlessly with leading RPA platforms like UiPath, Automation Anywhere, and Blue Prism.
- **Custom Workflows:** Configurable pipelines for business logic, approvals, and escalations.
- **Real-time & Batch Modes:** Operates in real-time for high-priority documents or in batch mode for large volumes.

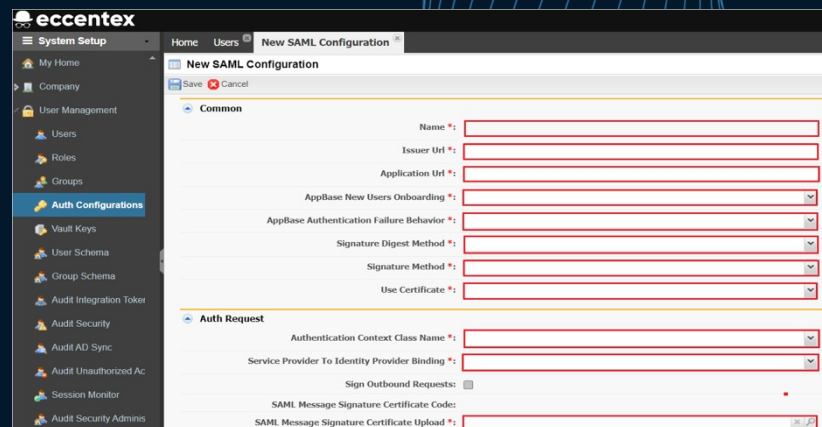
4. Enterprise Grade Security and Compliance

- **Data Encryption:** Secures data at rest and in transit with strong encryption protocols.
- **Role-Based Access Control (RBAC):** Ensures that only authorized users can access specific documents or data fields.
- **Audit Trails:** Captures a complete history of document handling and user actions for transparency.
- **Regulatory Compliance:** Helps organizations meet GDPR, HIPAA, SOC 2, ISO 27001, and other standards.



Business Impact

- Accelerates time-to-value through easy deployment
- Reduces IT overhead with plug-and-play architecture
- Future-proofs investment with open, extensible interfaces



Business Impact

- Safeguards customer and business data
- Enables secure automation in regulated industries (e.g., banking, healthcare, government)
- Supports internal audits and external regulatory checks

Key Features of **eccentex**

intelligent document processing

Eccentex Intelligent Document Processing IDP solution aren't static - it learn and adapt over time to improve accuracy and efficiency. Connect documents to your workflows with API-first, AI-driven document intelligence. Stop building bots for every form. IDP handles dynamic layouts with ML-powered accuracy.

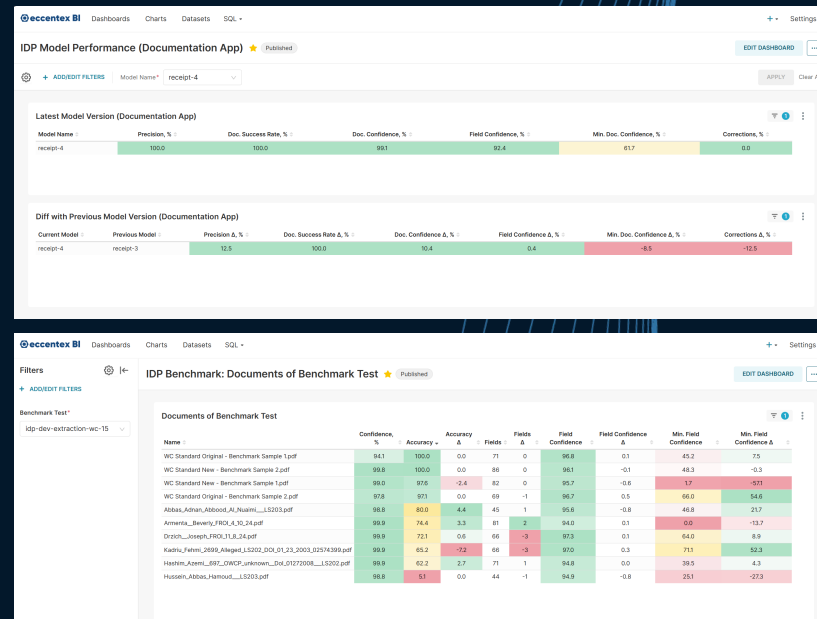
Top 5 Capabilities of Eccentex IDP Solution

5. Continuous Improvement

- **Human-in-the-Loop (HITL):** Allows staff to review and correct outputs, feeding back improvements into the system.
- **Machine Learning Feedback Loops:** Continuously refines document classification and data extraction models based on user feedback.
- **Analytics & Monitoring Dashboards:** Provides insights (through Eccentex BI) into accuracy rates, exception volumes, and processing times.
- **Model Retraining:** Offers automated or guided retraining to handle new document types or formats.

Business Impact

- Keeps improving with every document processed
- Reduces maintenance effort over time
- Adapts to new business needs or regulatory changes without re-coding



Major Benefits of IDP for Business Operation, CX and Compliance Leaders

- **Save Time and Resources:** Automate manual document handling – no more data entry or paperwork bottlenecks. Process forms, invoices, contracts, and applications in minutes instead of days.
- **Improve Accuracy:** AI extracts data with high precision, reducing costly human errors and rework.
- **Ensure Compliance and Transparency:** Built-in audit trails and data validation help meet regulatory standards effortlessly.
- **Enhance Customer Experience:** Faster processing = quicker responses for customers, partners, and employees.
- **Scale Operations Easily:** Handle more documents without hiring more staff—perfect for growing demand.

Major Benefits for IT Architects, Developers, Automation Team Leaders

- **End-to-End Automation Architecture:** Covers ingestion, classification, extraction, validation, and output—configurable via APIs.
- **Seamless Integration:** Plug into existing systems (ERP, CRM, RPA) with pre-built connectors and open APIs.
- **AI/ML-Driven Intelligence:** Uses NLP, OCR, and machine learning for context-aware data extraction and continuous learning.
- **Secure & Compliant:** Enterprise-grade encryption, RBAC, and audit logs support secure deployment in regulated industries.
- **Adaptive & Scalable:** Supports diverse document formats and scales with cloud-native or on-premise infrastructure.

A key strength of **Eccentex Intelligent Document Processing** Eccentex IDP stands out for its no-code configurability, flexible data mapping, and seamless integration into existing systems, enabling business users to manage end-to-end document workflows without relying on IT.

Key Product Differentiators

AI Assisted Form Definition and Field Mapping

- Ability to create / suggest form definition profiles
- Automatically propose fields mapping
- Suggest mapping of most used Key Phrases

Real-time Email Capturing (and Content Analysis)

- Captures incoming emails directly from the queue
- Auto classify contents and picking up keywords
- Auto classify emails based on priority, urgency, severity, value, sentiment, etc.

AI assisted Content Classification (Understanding Context)

- Going beyond screen OCRing, and understand content not just digitize
- Understanding the relations between connected data points
- Highlight missing (but must have) data components

Human Assisted Verification Screen (To add / edit pre-filled content)

- Expose a comprehensive reading and correct workspace for human verification
- Highlights data points that need to be verified (or completed)
- Suggest corrections for spelling mistakes or missing characters

Native Integration to Dynamic Case Management and other AI services

- Platform level integration to Dynamic Case Management and all connected features
- Easily embeddable into any document management related processes
- Ability to create cases / tasks directly from documents

Key Business Benefits

- No need for 3rd party systems to capture, process and store ALL case related documents
- Save 80% or more time on document processing
- Completely eliminates paper-based document storing (through 100% digitization)

Typical Processing Flow

