

# Intelligent Document Classification

Powered by Artificial Intelligence and Machine Learning



## Unlock Insights from Hidden Data

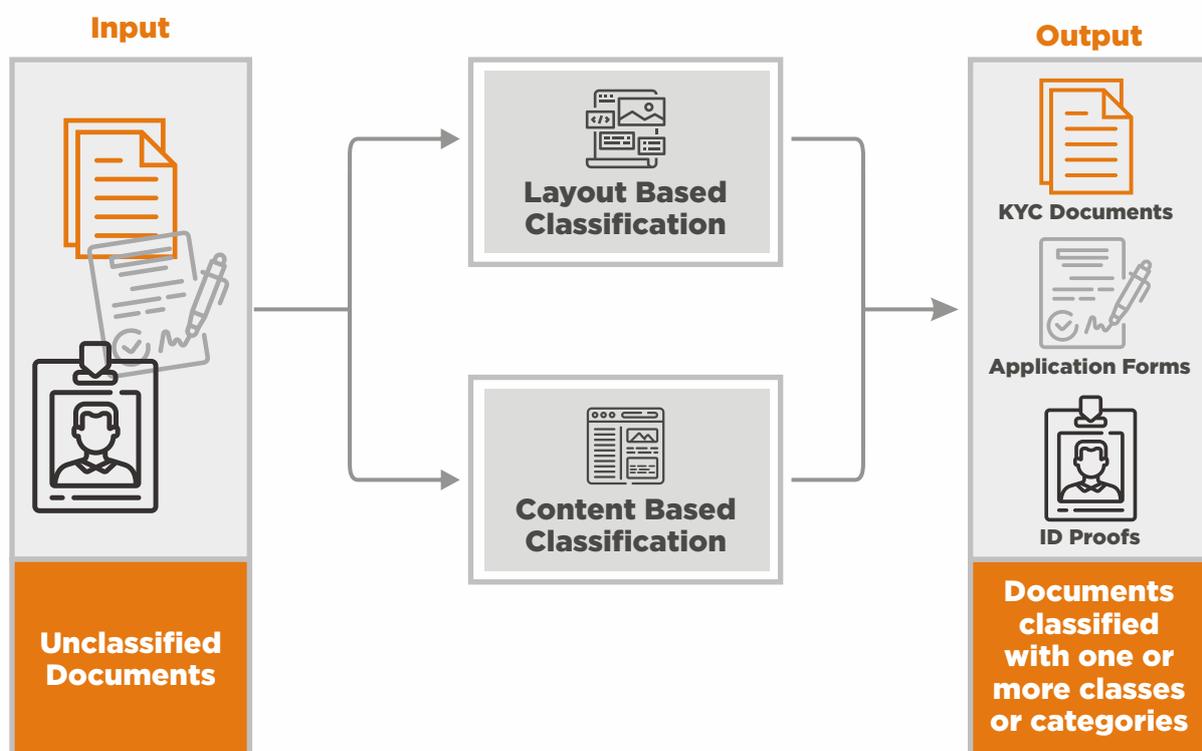
Documents in the form of application forms, contracts, invoices, customer IDs, and others are a rich source of valuable information, which can be leveraged to gain meaningful insights. However, for business users to sift through this sea of data manually is a task.

Newgen offers intelligent document classification solution that enables enterprises to classify documents and organize information, leveraging artificial intelligence and machine learning.

## Smarter Decisions and Improved Productivity with Intelligent Document Classification

Newgen's intelligent document classification solution allows businesses to automatically classify documents based on structural features (layout-based document classification), textual features (content-based document classification), or both.

Using the solution, businesses can process volumes of unstructured data and gain hidden insights. It enables users to automatically classify various documents such as orders, enrollment & claim forms, legal documents, mailroom documents, contracts, correspondences, and others. This ensures that important information is easily available for intelligent decision-making, eliminating risk and cost associated in manual document management.



Newgen's Intelligent Document Classification Solution

## Key Features

### Content-Visual Classification

The solution uses a neural network approach that combines the results of content and visual classification to assign a class to the document.

### Trainable Machine Learning

With a few samples, the solution automatically learns the definition and features of a document class and creates a trained model.

### Extensive Integration Capabilities

The solution is an independent web-API that can be easily integrated with core business applications, content management platforms, and document capture applications.

### Separation Capability

The solution eliminates manual steps required to identify first and last pages in a batch of documents by analyzing the output of content classification.

### Support for Large Volume of Documents

Users can import documents in bulk and the solution automatically assigns a class to each document.

### Language-Agnostic Technique

Layout-based classification is not affected by the language of documents, OCR quality and other limitations of DPI and color-depth, providing accurate results even for documents with poor visual quality.

## Use Cases and Benefits



### Deliver Better Customer Experience

Classify and group customers' documents such as application forms, identity proofs, insurance certificate, claim forms, and others. This enables faster processing of customer service requests and enhances the overall customer experience.



### Ensure Compliance

Adhere to the General Data Protection Regulations (GDPR), Financial Accounting Standards Board (FASB) and other regulations. Documents with confidential information such as personally identifiable information (PII), and others can be classified as per defined regulations.



### Legal Document Discovery

Manage litigation documents by classifying documents for eDiscovery, legal hold, legal investigations, and for other cases. Classification enables users to easily access the required legal documents, saving time and improving efficiency.



### Reduce Redundant, Obsolete, Trivial Data

Identify duplicate documents within the organization and delete them, resulting in reduced costs for managing and preserving redundant data.

## About Newgen

Newgen Software is a vendor/provider of business process management (BPM), enterprise content management (ECM), customer communication management (CCM), document management system (DMS), workflow and process automation software. The company has a global footprint in over 66 countries with large, mission-critical solutions that have been deployed in banks, insurance firms, BPO's, healthcare organizations, government and telecom companies.

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