



**DOCUMENT
LOGISTIX**
MAKING WORK FLOW

Enjoy the Benefits of Machine Learning and AI in Document Manager

The Enterprise Content Management (ECM) industry is changing. No longer is storing documents for archive, compliance and risk management sufficient. Companies need to extract insight from their content and deliver information to users and communities.

Now you can enjoy the next generation of ECM in a set of services, either as an integrated product suite or as separate applications, to empower your knowledge workers and realise cost and process efficiencies.



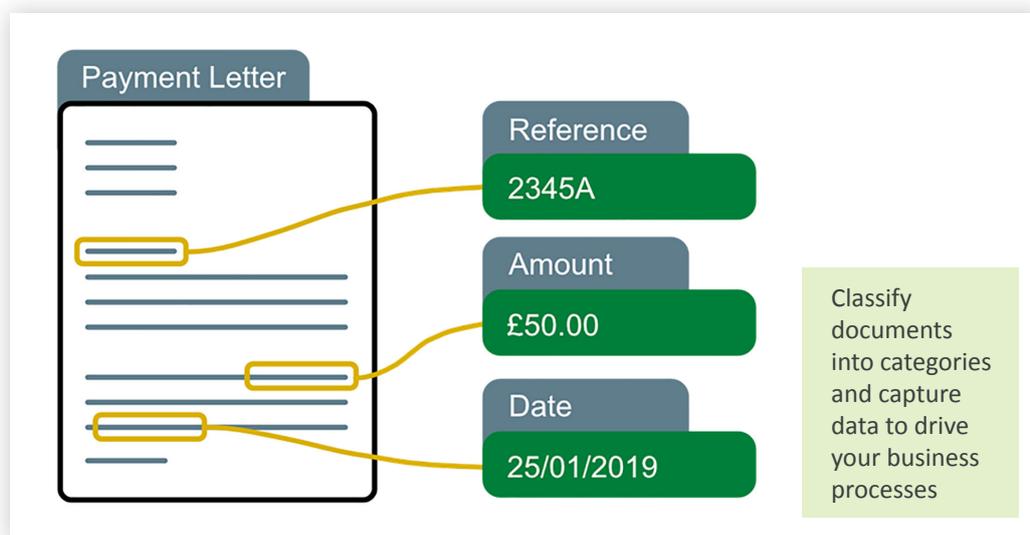
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What is Lemmana Content Services

Lemmana was created as a Content Service platform, and its API is designed to be integrated easily into the many content platforms found within organisations. DLX and Lemmana have built tight integration between their platforms so the classification and extraction of data can be delivered without costly custom development.

Lemmana's approach is very different from traditional document capture products which are expansive platforms, that typically rely on older architectures, are standalone and hard to integrate with.



Lemmana Content Services:

- Uses Computer Vision and Machine Learning / AI to reduce cost, time consuming setup and maintenance.
- Classifies your documents into categories for storage or use in a work flow/case process.
- Extracts key information, e.g., reference, amount, date, etc, without the need to search manually or extract it.
- Learns and refines the process over time from everyday user input vs technical staff.
- Creates Capture models automatically and applies them to inbound documents to classify and extract data that is needed.

The result is a more cost-efficient and simplified solution with reduced technical setup.

Companies can use Lemmana Content Services' capabilities with their installed document scanning platforms, document repositories or workflow processes.

Lemmana Benefits

- Uses Machine Learning and AI approaches to allow end users who know your documents to train the system, as opposed to technical consultants.
- Integrates seamlessly with DLX Document Manager and other platforms to allow release of captured documents and data directly to your repository.
- Learns and adapts over time to meet your document capture needs vs a hard coded or rules-based approaches typically found in traditional capture systems.
- Removes the need for costly and time consuming hands-on setup and maintenance.
- Runs on the latest software stack (Java, Python, MongoDB).
- Scales using a Microservice based architecture for ease of deployment, scale and resilience.
- Provided with both a web based interface and an API.
- Complements or replaces existing Capture Systems.

Machine Learning / AI

Traditional capture systems require technical consultants to setup multiple rules and code routines to capture data from documents. Lemmana Content Services differs from this approach by using Machine Learning and AI approaches.

The everyday user simply teaches the system using sample documents through a simple web-based user interface about what types of document you receive and what data is needed from them. In the background, the system builds capture models based on the samples used.

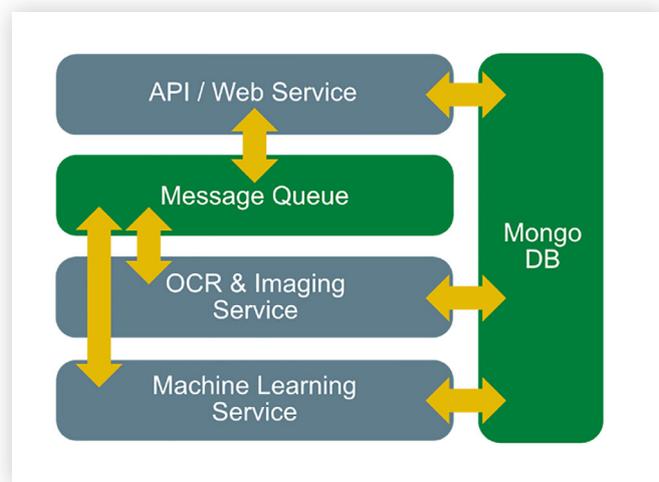
These models are then applied to new incoming documents. The document and data captured can then either be verified and/or be released into the document management system for storage or attachment to a workflow process.

Architecture

Lemmana Content Services is deployed using a Microservice based architecture. This is a variant of the service-oriented architecture (SOA) style that structures an application as a collection of loosely coupled services.

Users or systems connect via Lemmana Web UI or the Lemmana API. The underlying Lemmana services are connected via a centralised queuing system. This modular approach allows the system to scale by increasing the number of services to meet demand. It also allows greater ease in delivering resiliency and redundancy for failover.

DLX have a strong partnership with Lemmana and as a result have tightly integrated Lemmana Content Services capabilities into Document Manager. The integration allows inbound documents to be sent to Lemmana for classification and entity/metadata extraction with great ease, and negates the need for costly custom integration work.



Technical

- Machine Learning / AI based Classification and Metadata / Entity Extraction
- OCR for digitising scanned image text
- Zonal Handprint recognition for digitising written text
- Image Enhancement
- PDF Text and Image Extraction and Creation
- Out of the Box Entity Capture (Name, Location, etc)
- Logo detection
- Page layout detection for capturing form data
- Handprint / Signature Detection
- Document Repository Integration
- Desktop Scanner Integration



The right **document management**
software for your business

WHY WAIT – BOOK A DEMO AND SEE FOR YOURSELF HOW WORKFLOW CAN BE TRANSFORMED

Even though a system may be getting clunky or even costly, businesses sometimes put off change because it feels difficult or potentially disruptive.

Document Logistix would like to demonstrate to you that adopting document management is straightforward, dramatically improves workflow, results in better customer and staff satisfaction – and delivers a fast return on investment.

GET IN TOUCH SO WE CAN SHOW YOU HOW, CALL NOW 01908 366 388.

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