BizData®
Broader Perspective. Better Decisions.

Document SmartDetect

Correctly classifying documents for reasons of compliance, completeness and discoverability is pivotal to many organisations, yet can demand considerable allocation of resources.

Document SmartDetect combines the power of Machine Learning and Azure Cognitive Services to remove the burden of manually classifying thousands of documents, provides ease of discoverability and critical insight all through a single, web-based application.

- Central point of classification across a myriad of document types
- Documents viewed in situ, with no requirement to access any other applications
- Automated classification recommendations expedite workflow
- Phrase and Keyword Tagging facilitate discoverability from a single location

Automated Routing

- Detect and route documents to the right audience
- Minimise double handling of files landing in a common repository
- Automate inbound file processing pipeline expediting time to action

The right files to the right people

Immediate Classification

- Document format identification and conversion during pipeline process
- Recommended classification based on content of each document, including identification of key words and phrases
- Web-based document viewer allowing users to sight and verify in real time

Governed compliancy and classification

Ease of Discovery

- Keyword and phrase tagging in situ builds governed metadata for each document
- Documents can be found from a single location
- Chat Bot integration allows you to search for documents using natural language conversation

Document transparency

"Technology shouldn't be an end in itself – but a tool to achieve an end, using machine intelligence to augment the human in the loop."

Frank Coles, chief executive officer at Transas.

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Document SmartDetect, on Azure enabling automated classification with ease

All your documents in Azure Blob Storage

- The solution includes a document processing pipeline to ingest submitted documents and load to Azure Blob Storage.

- The pipeline also includes document format identification, image to text conversion utilising Microsoft Cognitive Services and text extraction algorithms.

Automated Recommendations with Machine Learning

- Azure Machine Learning expedites the identification process by providing trained recommendations based on the document content

- Staff can quickly and easily view, accept or re-classify documents from a single web-based window, without needing to open files in disparate applications

- Optical Character Recognition (OCR) technology and Voice to Text capabilities allow images, scanned documents and call centre recordings to be governed by the same framework.
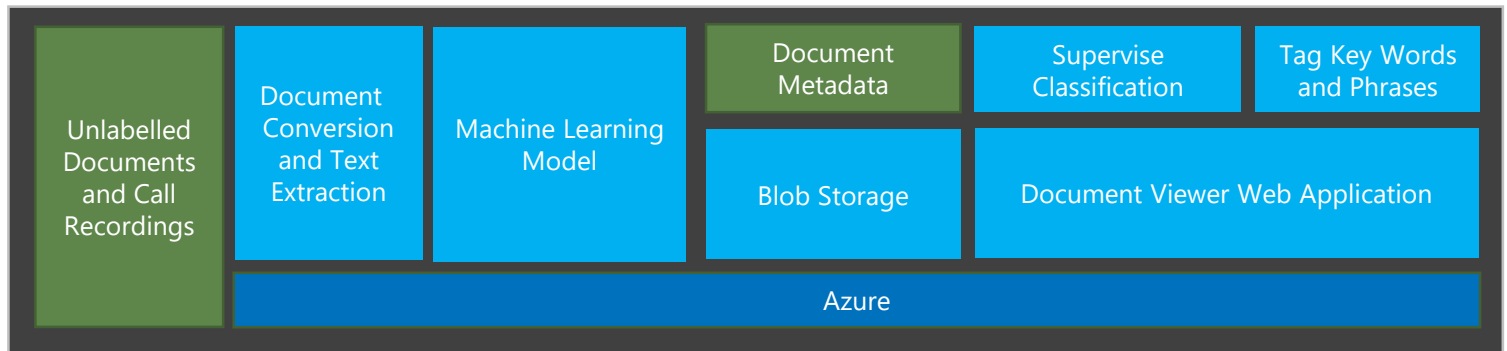
Our promise to you

Document SmartDetect expedites your document processing pipeline from a single location.

An offer to get you started

BizData will deliver a streamlined engagement comprising of;

- An automated pipeline to extract text from audio transcripts and a variety of document formats

- A web application to conduct document discovery and initial training of the machine learning model

- A machine learning model to predict a document or phrase type

- A dashboard to report on the results of the detection system

Get Started from $52,000

Unlabelled Documents and Call Recordings	Document Conversion and Text Extraction	Machine Learning Model	Document Metadata	Supervise Classification	Tag Key Words and Phrases
			Blob Storage	Document Viewer Web Application	
			Azure		

Typical Document SmartDetect Scenarios

Automate routing of inbound documents including emails and files	Implement an assisted Compliance Workflow for phone calls and contracts	Build a Chat Bot Knowledge Base based on Document and Transcript metadata

Why BizData?

BizData is an internationally award winning Data Analytics Agency. We specialise in rapid delivery of Artificial Intelligence, Big Data and Business Intelligence solutions, leveraging Microsoft and Open Source technology. BizData is widely recognised for excellence in innovation and implementation of customer solutions that spearhead a data-driven culture for everyone.

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