MIRA

Enable Data transitions from
Documents to Systems

YOUSTON:
From Archives to Intelligence

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Youston: 4 - layer service model

	Archiving	Digitization	iGuana Software	Enterprise AI
Description	Preserve your Past, Empower your Future	Transform Paper into Pixels	The Power Intuitive Data Management	MIRA
Benefit	Decrease costs, Increase flexibility& security	High performance & compliant tooling	AI-powered OCR	Enable Data transitions from Documents to Systems

Youston's USP's

Trusted by:

Microsoft

KBC

FEDERALE OVERHEIDSDIENST JUSTITIE

ethias

VDAB

IKEA

acerta

ENGIE

GLS

+20y experience
with complex and confidential data

+1000 km
Highly secured & climate-controlled storage

Fast & Automated
24/7 services

Strong footprint
In Government, Public - Health Banking & Insurance

Supervised
by FSMA and National Security Authorities

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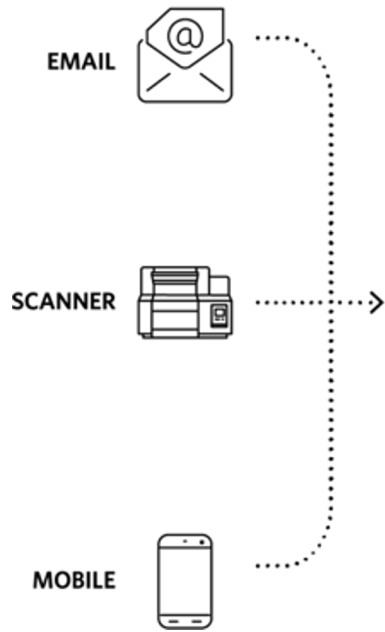
MIRA

Enable Data transitions from
Documents to Systems

Is **document handling slowing down** your business?

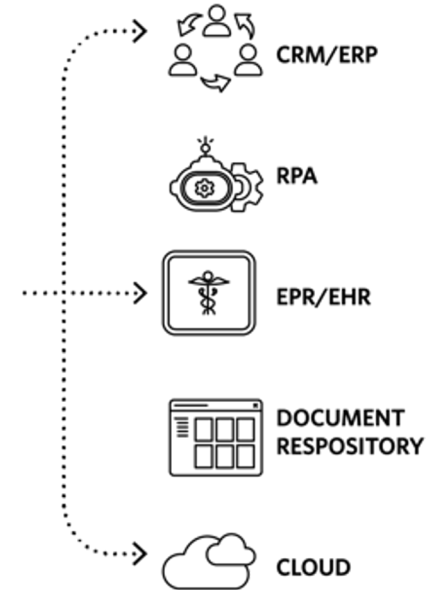youston Group

Or how to...?

EMAIL

SCANNER

MOBILE

Automaticaly **extract and structure** critical data from various documents?

↓

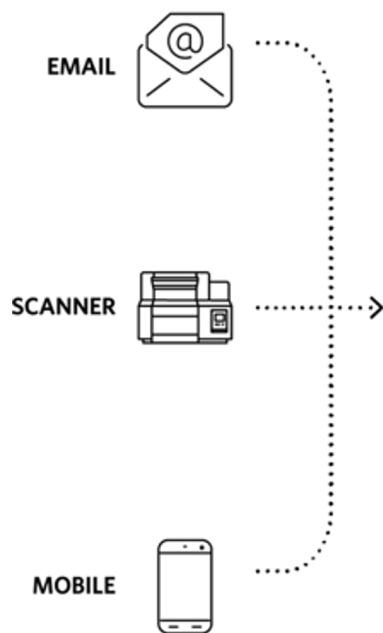**Validate and import** this data into systems, eliminating manual entry.

↓

And ensure **migration and compliance**, mitigate risks, and manage security while maintaining real-time data access and controlling cloud costs.

CRM/ERP

RPA

EPR/EHR

DOCUMENT RESPOSITORY

CLOUD

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MIRA - IDP on steriods

Enable data transitions from document to systems

MIRA

Unstructured Documents → MIRA → Structured Data

> NLP

Currently 300.000 docs/month

EMAIL
SCANNER
MOBILE

CRM/ERP
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DOCUMENT RESPOSITORY
CLOUD
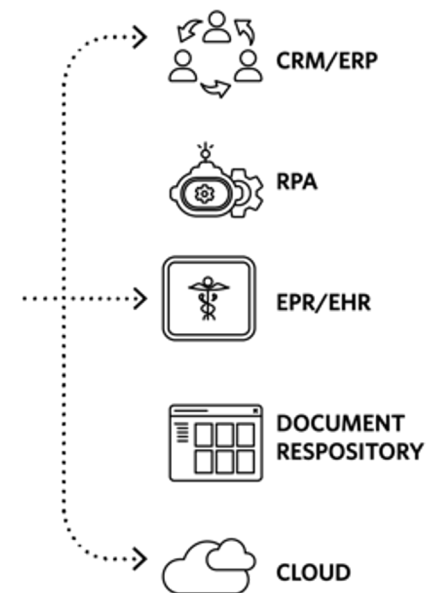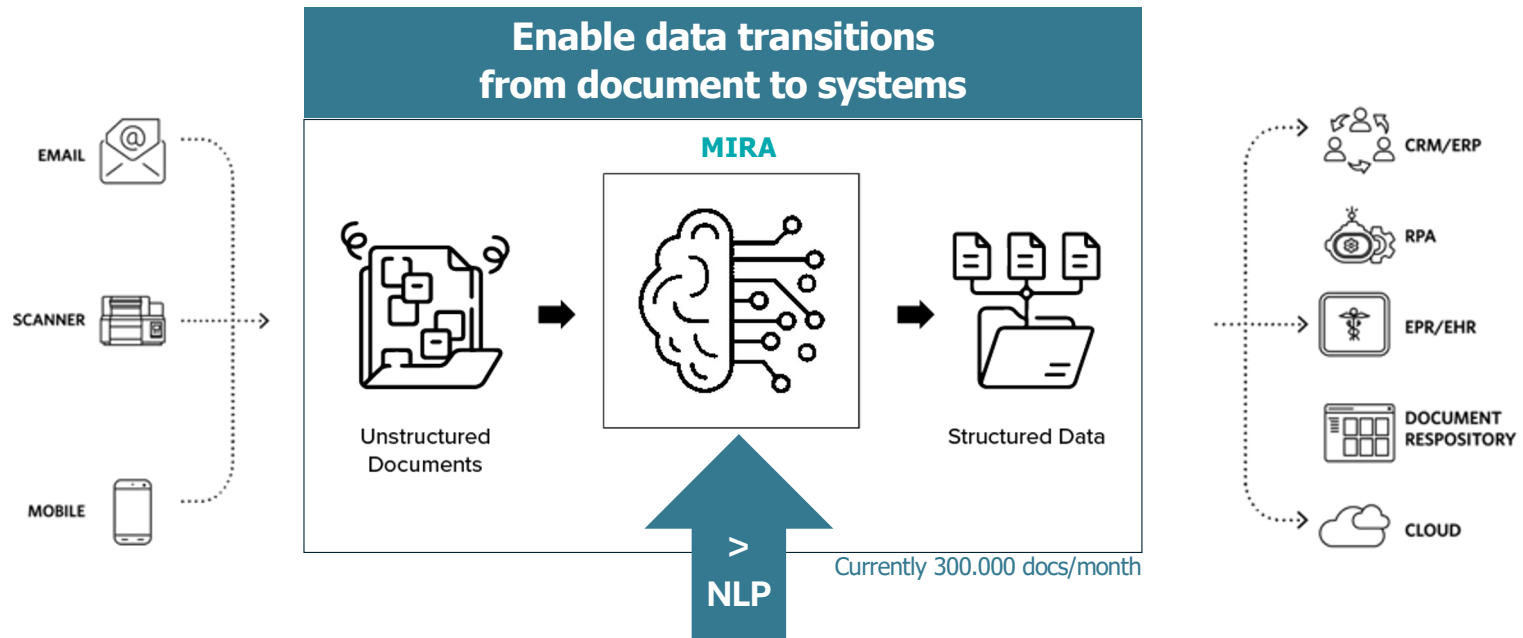
Doc Pre-Processing – Data Extraction – Data Analysis – Doc Classification – Data Validation – Integration and Human review

Extract – Validate – Migrate

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What's unique about MIRA

Advanced AI-Driven Automation: Powers complex, large-scale data tasks with advanced NLP and machine learning..

Dynamic Adaptability: Handles unstructured data, adapts in real-time, and delivers actionable insights..

Context-Aware Intelligence: Understands data context, offering deeper, more accurate insights.

Exceptional OCR/ICR Precision: Accurately captures data, even from handwritten documents.

Modular & Secure: Operates flexibly in offline, data-sensitive environments.

Microsoft Partnership: Marketplace transactable.

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Technical deep dive

Meet MIRA

9 Times Unique: deep dive

1 — Automation of Complex tasks

- **Automates Data Handling** using AI and ML for faster and more efficient processing.
- **NLP Steered**, no need of technical knowledge to set up complex workflows
- **AI powered OCR** to extract and understand unstructured sources

2 — Adaptability and Learning

- **Self-learning systems** for new, unseen types of data and evolve based on user feedback and changing data patterns.
- **Dynamic Response to Data Variations**: dynamically adapt to various data sources, recognize patterns, and apply the right processing techniques without needing constant human intervention.

3 — Data Accuracy and Precision

- **Advanced Error Detection and Correction:** MIRA systems use sophisticated AI models to detect and correct errors in data (ex. barcodes defects)
- **Data Quality Improvement:** Continuous monitoring, validation, and enrichment processes.

4 — Real-Time Processing & Decision Making

- **Real-Time Data Processing:** MIRA solutions are designed to handle and process data in real-time, allowing organizations to make instant decisions based on live data.
- **Trusted Microsoft ISV Partner** allowing **integrated solutions**

Microsoft

5 — Scalability, Modularity and Efficiency

- **Scalability for Big Data,** Mira can scale up to meet high and complex processing demands
- **Resource Efficiency:** Mira can can optimize processing tasks, distribute workloads across computational resources, and minimize redundant or unnecessary steps
- **Modular:** Mira components can be separately integrated in existing on prem workflows.

6 — Contextual Understanding and Advanced Analytics

- **Contextual Data Processing.** One of the strengths of MIRA is its ability to interpret data within its context.
- **Predictive and Prescriptive Analytics**: MIRA doesn't just analyze historical data but can also apply **predictive models** to forecast future trends and outcomes. Using these insights, organizations can engage in **prescriptive analytics** to suggest optimal actions based on predictions.

9 Times Unique: deep dive

7 — Domain or Industry specific Applications

- **Customization for Specific Industries**: MIRAcan be tailored to meet the unique needs of different industries.
  - In **finance**, it can process transaction data to detect fraud or optimize investment strategies. Or validate incoming documents against internal billing rules or accounting systems.
  - In **HR** Mira digitase and categorise old HR files and integrate them in a new central HR tool.
  - Extract and Validate **ESG** data
  - **Healthcare**, MIRA can be used to analyze medical images, patient records, and genetic data to assist in diagnosis and treatment recommendations.

- **Cognitive Decision-Making Support**: MIRA can be integrated with decision-making tools that provide cognitive assistance, helping professionals in fields like legal, insurance, and finance to make informed, data-driven decisions by automating repetitive analysis tasks.

8 — AI-Driven Insights

- **Pattern Recognition and Anomaly Detection**: MIRA can recognize complex patterns in data that are difficult for humans or traditional systems to detect. These patterns can help identify **anomalies** such as fraud, operational inefficiencies, or emerging trends, giving organizations an early warning system to act on potential risks or opportunities.

- **Actionable Insights and Business Intelligence**: By integrating MIRA into business intelligence (BI) platforms, organizations can generate actionable insights that lead to more effective strategies, streamlined operations, and enhanced customer experiences.

9 — Ethical and Responsible Data Handling

- **Data Privacy and Compliance**: MIRA can be designed to process data in compliance with privacy laws such as GDPR, ISO or HIPAA. This is crucial for industries that handle sensitive information like healthcare, finance, or legal sectors.

- **Bias Mitigation**: Through continuous learning and feedback, Mira can minimize bias in data analysis, improving the fairness and transparency of insights generated, especially in domains like hiring, criminal justice, and lending.