

Document Cognition SmartLabTest

LTI Mosaic Entity Extractor

Report Abstract

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By Michael Smart

Industry Sector Analyst

NelsonHall

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Who is This Vendor Assessment For?

NelsonHall's LTI Mosaic Entity Extractor document cognition benchmark report is a functional "lab" test evaluation of the Entity Extractor document cognition platform, designed for:

- Sourcing managers monitoring the capabilities of existing suppliers of Document Cognition platforms and identifying vendor suitability for document cognition RFPs
- RPA and intelligent automation center of excellence personnel evaluating document cognition platform capability
- Vendor marketing, sales, and business managers looking to benchmark their platforms against their peers
- Financial analysts and investors covering intelligent automation and Document Cognition platforms.

Key Findings & Highlights

This NelsonHall vendor assessment tested LTI Mosaic Entity Extractor's capabilities in ingesting and interpreting:

- Structured documents such as mortgage applications and ACORD filings
- Semi-structured documents such as invoices and purchase orders
- Highly unstructured documents such as resumes.

The KPIs assessed for each document type included:

- Proportion of fields correctly recognized
- Accuracy of extraction of recognized fields
- Proportion of fields overall that 100% accurate and require no manual intervention.

Entity Extractor leverages AI/deep learning and uses one of three methods to extract data: document-based extraction, which best extracts data from PDF and DOC files; image-based extraction which can extract data from JPG and PNG files; and image zoning based extraction for complex images which need to be zoned before OCR to analyze structured files which contain images.

Ingested documents are processed through a number of processing steps; ingested, object identification, text extraction in progress, ready for verification, QC in progress, and QC complete.

Mosaic Entity Extractor's verification station shows the original document, the raw text which has been extracted, and the extracted data by label. Data within the converted document are highlighted by color-coding that matches a colored label at the top right of the field on the fields list, helping users with the traceability and QC of data.

The configuration of Entity Extractor is generally provided by LTI.

Scope of the Report

The report provides a comprehensive and objective analysis of LTI Mosaic Entity Extractor's capabilities, including:

- Designing the document cognition models
- Document Ingestion
- Document verification
- Testing.

This report provides the quantitative results of the SmartLabTest comparing the platform's performance for each document type. This report includes:

- The SmartLabTest results
- Analysis of the platform's strengths & weaknesses
- Identification of the key features of each platform
- An evaluation of comparative platform maturity

Document Cognition Vendor Assessments also Available for:

ABBYY, AntWorks, Automation Anywhere, UiPath



About The Author

Mike is a Senior Analyst at NelsonHall, focusing on intelligent automation and digital technologies.

Mike's main research focus is on digital transformation technologies, including RPA, blockchain, IoT, artificial intelligence, cognitive, and machine learning.

Highly regarded for his analytical talents, Mike also leads data modeling and analytics initiatives in support of NelsonHall's ITS and BPS market forecasts and market surveys. He was responsible for transforming NelsonHall's extensive global market forecast engine, including the introduction of NelsonHall's unique interactive Self-Forecasting Tool



Ivan can be contacted at:

- Email: mike.smart@nelson-hall.com
- Twitter: @MikeS_NH

About NelsonHall

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We would be pleased to discuss how we can bring benefit to your organization. You can contact us via the following relationship manager: Guy Saunders at guy.saunders@nelson-hall.com

Boston

Riverside Center, 275 Grove Street, Suite 2-400, Newton Massachusetts 02466
Phone: +1 857 207 3887

London

Unit 6, Millars Brook, Molly Millars Lane, Wokingham, RG41 2AD
Phone: + 44(0) 203 514 7522

Paris

4 place Louis Armand, Tour de l'Horloge, 75012 Paris
Phone: + 33 1 86266 766

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