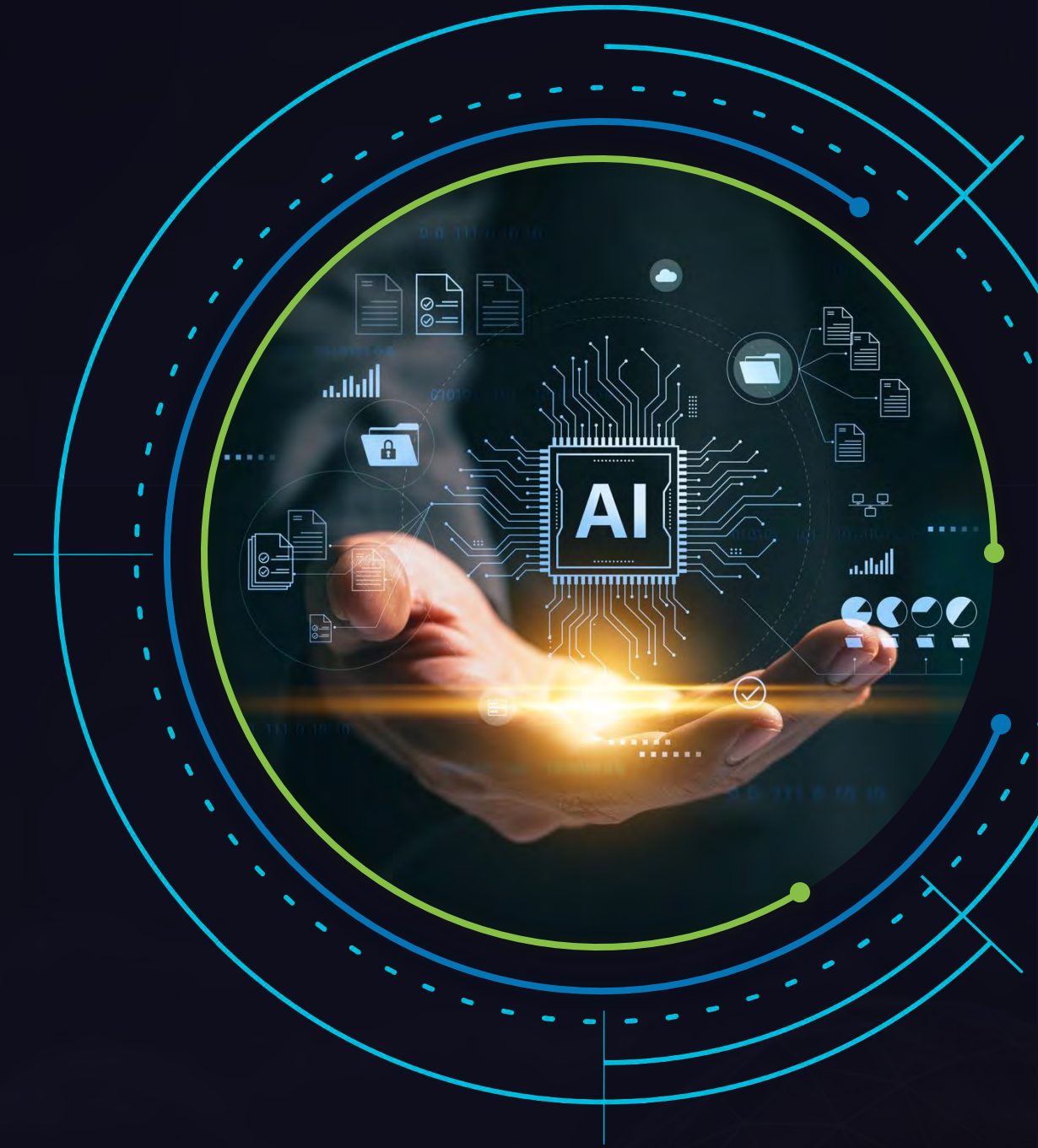


Innovation Award 2025



AI Powered Vendor Invoice Management and Automation using DeepDelve®



“Processing and Posting Vendor Invoices is Overwhelming !!”

"Processing and posting scanned vendor invoices in our ERP system is labor-intensive and error-prone. This manual approach not only slows down operations but also poses significant auditing challenges."

Debbie Oli, CFO at Nasfund

ERPs lack the required intelligence and Business SMEs end up spending a lot of their valuable time validating and entering details in ERP screens

Manual Effort

Compliance Risk

Lack of Visibility

Error and Delays

Risk of Fraud

Reporting Issues



Due to the highly unstructured and variable nature of the documents with their peculiar nuances, most off-the-shelf extraction solutions don't really excel in the extraction of data



Existing IDP Platforms lack end to end workflow and key insights that enable procurement Experts and help streamline the vendor invoice processing, validation and posting

Nasfund's **Generative AI Solution** in Collaboration with ZeonAI

Generative AI-Based solution for vendor invoice automation



Unlocking Document Intelligence

LLM-driven layout-agnostic extraction pipeline tap into 100% of document intelligence, processing unstructured and semi-structured documents to unlock deeper insights



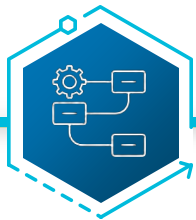
Scalable and Intelligent Platform

Vertical-specific intelligent LLM agents replace rigid, rule-based systems, enabling scalable and adaptive processing for complex financial workflows.



Smarter Decision-Making

Tailored AI models deliver decision-ready insights, enabling precise approvals, risk alerts, and actionable analytics across workflows for Vendor invoice management and AP



Vertical Agents



Format Agnostic



Highly Configurable



High Accuracy



Efficient Processing



Seamless Integration



Nasfund's InvoiceAI Solution



DeepDelve InvoiceAI

User Login

Email

Password

[Forgot Password?](#)



Key metrics & benefits expected

✓ Harness Intelligence for informed decision making

✓ More than **97%** accuracy in data capture enhancing quality control

✓ More than **70%** reduction in document processing time

✓ More than **50%** reduction in processing errors and operating costs

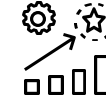
40%

Increase in Productivity



97%

Extraction Accuracy



Accurate flags on potential risks and delinquencies



Automated streamlined workflows



~ 3 hrs

Avg. Savings per day per AP staff



70%

Reduction in Cycle Time



INVOICE SEARCH, REVIEW & QUEUE

Invoice Review Sukant Mishara

ALL IN PROGRESS APPROVAL QUEUE SUBMITTED APPROVED FAILED REJECTED UPLOAD DOCUMENT

ALL CASES MY CASES Filter Options: Doc ID Search

Doc ID ↓	Vendor Name	PO Number	Upload Date ↓	Confidence	Matching Score	Invoice Status	Extraction Status	Assigned To
DOC00101	Kingfisher Security Services	PF005135	21-08-2024	81%	87%	Assigned	Processed	
DOC00290	2K Medical Centre	PF004401	13-08-2024	81%	67%	Assigned	Validated	
DOC00289	Not Available	189990/20	13-08-2024	81%	60%	Assigned	Processed	
DOC00287	KPMG	PF006849	13-08-2024	81%	73%	Assigned	Processed	
DOC00253	Loloata Island Resort	PF006377	12-08-2024	81%	93%	Assigned	Processed	
DOC00272	SOUTH PACIFIC POST	PF004210	08-08-2024	81%	73%	Assigned	Processed	
DOC00278	COCOBLU RETAIL LIMITED	Not Available	08-08-2024	81%	67%	Auto Approved	Validated	

© zeonai.com Deepdelve Document AI 2.0



INVOICE SUMMARY & DETAILS



Sukant Mishara

Invoice Review



Home



Invoice Review



Config



User Management



Summary Dashboard



Customer Support



81%
Confidence



87%
Matching Score



Assigned
Invoice Status



Processed
Extraction Status

File Details

Document ID: DOC00101
Vendor Name: Kingfisher Security Services
ERP Vendor ID: --
Invoice Date: 2022-01-31
PO Number: PF005135
PO Date: 2022-02-08

Related Documents

PO Invoice

REVIEW EXTRACTION

TAKE ACTION



MATCHING SUMMARY

INVOICE DETAILS

PO DETAILS

VENDOR DETAILS

AUDIT ALERTS

K Total Invoice Amount 1666.28	K Invoice Subtotal 1514.8	# # Invoice Line Items 2	# Total Invoice Quantity 141
K Total PO Amount 1749.59	K PO Subtotal 1749.59	# # PO Line Items 1	# Total PO Quantity 0

COMMENT

ACTION



Add a comment



INVOICE DATA EXTRACTION & VALIDATION

← Invoice No.KSS-0020142.pdf
Kingfisher Security Services
Uploaded on
VALIDATE
REPROCESS

Doc ID: DOC00101
Amount: K2966
18 Jul 2024

- Invoice Amount 1666.28
- Invoice Date 2022-01-31
- PO Number Not Available
- Currency PGK
- Vendor Name Kingfisher Security Services
- Tax Amount 151.48
- Tax Percentage Not Available
- Payment Terms Not Available

LORENGAU
Manus Province
Papua New Guinea
Show Extracted Items
Manus Province
Papua New Guinea

Hrs	Item	Description	Rate	Total
140	4000	1 x Guard posted at Nasfund Office - Juromo Building - 01 - 31st January 2022 (7 hrs Day Only)	K10.82	K1,514.80
1		INVOICE FOR THE MONTH OF JANUARY 2022	K0.00	K0.00

Subtotal K1,514.80

GST K151.48

Total K1,666.28

Balance Due K1,666.28

Line Items

Item ID	Item Description	Quantity	UOM	Unit Price	Total Line Price
<input type="checkbox"/> 4000	1 x Guard posted at Nasfund Office ...	140		10.82	1514.80
<input type="checkbox"/>	INVOICE FOR THE MONTH OF JA...	1		0.00	0.00

Extraction Details 1

<
1
2
3
>

SAVE CHANGES

PLEASE MAKE PAYMENT TO KINGFISHER SECURITY SERVICES LTD
BANK SOUTH PACIFIC - LORENGAU - ACCOUNT # 7012163742

.....

Certify by: Name: CHAWI KONABE Signature:

REMITTANCE

Invoice No.: KSS-0020142
 Customer Name: National Superannuation Fund
 Date: 31/01/2022
 Amount Enclosed: K1,666.28



AUDIT & MATCHING RULES

Invoice Completeness (Rules)

- Missing Invoice Number
- Missing Invoice Date
- Missing Invoice Amount Total
- Missing Currency
- Missing Line items

Data Integrity (Rules)

- Invalid Currency
- Invalid PO Number
- Different Vendor Name
- Multiple PO numbers in Extracted Data
- Unrelated PO
- Un-posted invoice with the same PO Number exists
- Suspected Duplicate:
- PO and Vendor not found in ERP - Manual Review
- Credit Memo Detected

Matching Audit (Rules)

- Future dated invoice
- Price Mismatch
- Total Quantity mismatch
- Line Items description mismatch
- The number of line items mismatch
- Overcharge Alert:
- Currency mismatch

File Details

Document ID	DOC00101
Vendor Name	Kingfisher Security Services
ERP Vendor ID	--
Invoice Date	2022-01-31
PO Number	PF005135
PO Date	2022-02-08

Related Documents

PO Invoice REVIEW EXTRACTION TAKE ACTION ↑ 📄

📄 MATCHING SUMMARY 📄 INVOICE DETAILS 📄 PO DETAILS 📄 VENDOR DETAILS 🔔 AUDIT ALERTS

Invoice Completeness
100% passed

Data Integrity
88% passed

Matching Audit
100% passed

Details for Data Integrity

- Valid Currency
- Valid PO Number
- Vendor Name Match
- Single PO Number in uploaded file
- No unposted duplicates
- No suspected duplicates
- Line item total mismatch with unit price × quantity
- Subtotal value matches with calculated subtotal



DASHBOARD & ANALYTICS

K 10,955,843.02
Pending Invoice Amount

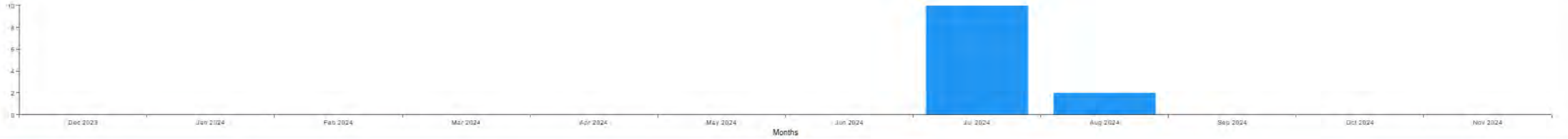
3.2 Days
Average Processing Time

2
Pending Approval Count

98%
Extraction Accuracy

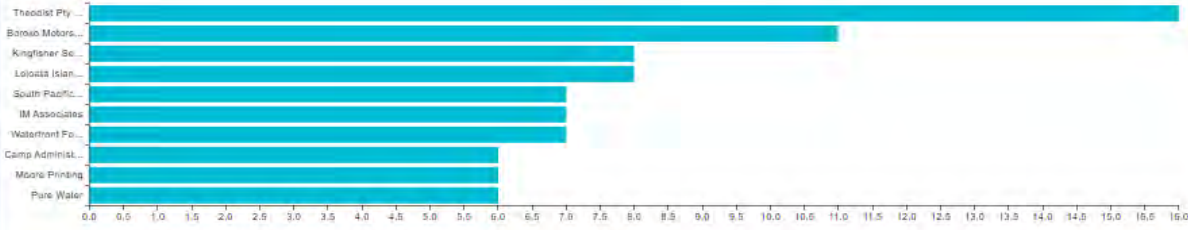
Invoice Processing Statistics

By Count ▾



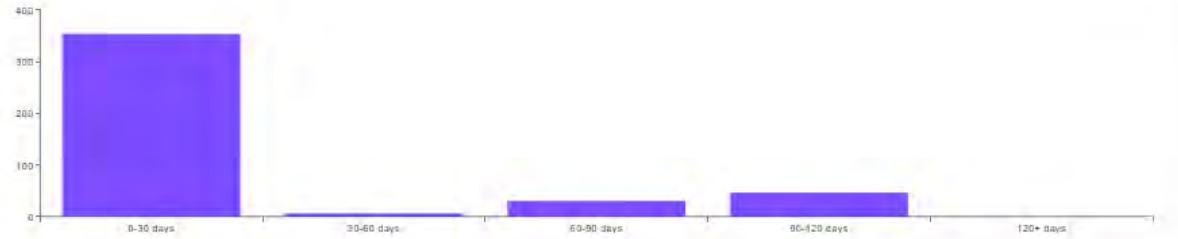
Top 10 Vendors

By Count ▾



In Progress Invoice Ageing Report

By Count ▾



PO vs Non-PO Invoices

By Count ▾



User Statistics

Select by date ▾ Select by status ▾

#	User Name	No. of Invoices	Total Invoices Amount
1		4	168000
2	Biswa G Singh	3	471815
3	Sukant Mishara	533	10768700



Nasfund's Vison - Reimagining AP Automation with AI Agents

The screenshot displays the ZeonAI user interface. On the left sidebar, there is a logo for ZeonAI with the tagline 'Harnessing the power of AI'. Below the logo are two buttons: 'NEW CHAT' with a plus sign and 'EXPLORE AI AGENTS' with a globe icon. A search bar contains the text 'Compare CAGR of Microsoft & A...' with a dropdown arrow. The main content area is titled 'Select AI Agent' and features four agent cards arranged in a 2x2 grid. Each card includes an icon, a title, and a brief description of the agent's capabilities.

ZeonAI
Harnessing the power of AI

NEW CHAT +

EXPLORE AI AGENTS

Compare CAGR of Microsoft & A... ⋮

Select AI Agent

- Invoice AI Agent**
Invoice AI Agent automates invoice data extraction, validation, and processing to streamline accounts payable and reduce manual workload.
- Purchasing AI Agent**
Streamlines purchase order creation, approval workflows, and vendor management to optimize procurement efficiency and compliance.
- Payments AI Agent**
Simplifies payment processing by automating payment approvals, reconciliation, and fraud detection, ensuring timely and accurate transactions.
- Bid AI Agent**
Automates bid analysis and evaluation to help procurement teams make data-driven decisions and secure competitive vendor offers.



Nasfund Vendor Invoice Processing Automation

Intelligent invoice matching automation drivers, enablers and expected benefits

Value Drivers	Enablers	Baseline (process without AI)	New world (process enabled by AI)
70% Reduction in Invoice Processing Time	<ul style="list-style-type: none">✓ AI-driven document processing automates data extraction, validation, and approval workflows.✓ Smart anomaly detection minimizes errors, reducing the need for manual intervention.	10 Days Manual data entry, approvals, and validation slow down invoice clearance.	3 Days AI automates extraction, validation, & approvals, drastically reducing processing time
78% Touchless Invoice Processing Rate Improvement	<ul style="list-style-type: none">✓ AI-powered invoice ingestion and 3-way matching reduce manual processing.✓ Automated workflows enable straight-through processing with minimal human oversight..	30% Touchless Processing Rate A high number of invoices require manual review and correction.	78% Touchless Processing Rate Most invoices are processed automatically, requiring little to no manual effort.



78% Automatic clearing hit rate





Thank You!

