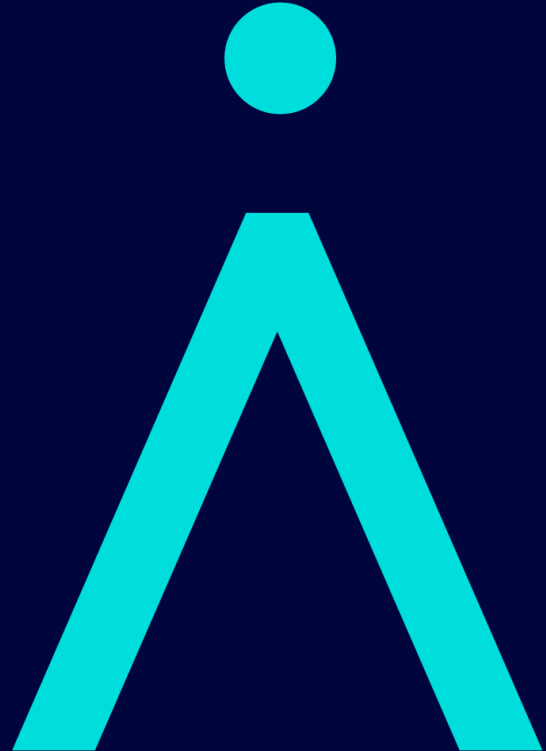


BASE64

**AI-Powered Document Processing
in Banking and Finance**



The State Of Document Processing

90%

of data is unstructured¹

40%

of data-tech spend is for unstructured data projects¹

2x

cost of security breaches from fragmented systems¹

3%

of companies innovation-ready, 83% say it's a top priority²



Document Processing market was valued at approximately \$1.1–1.4 billion in 2023 and is projected to reach around \$5–6 billion by 2030, growing at a CAGR of roughly 25–30%.

Forrester Wave: Document Processing OCR Technologies, Q3 2024

What is real Ai for IDP?

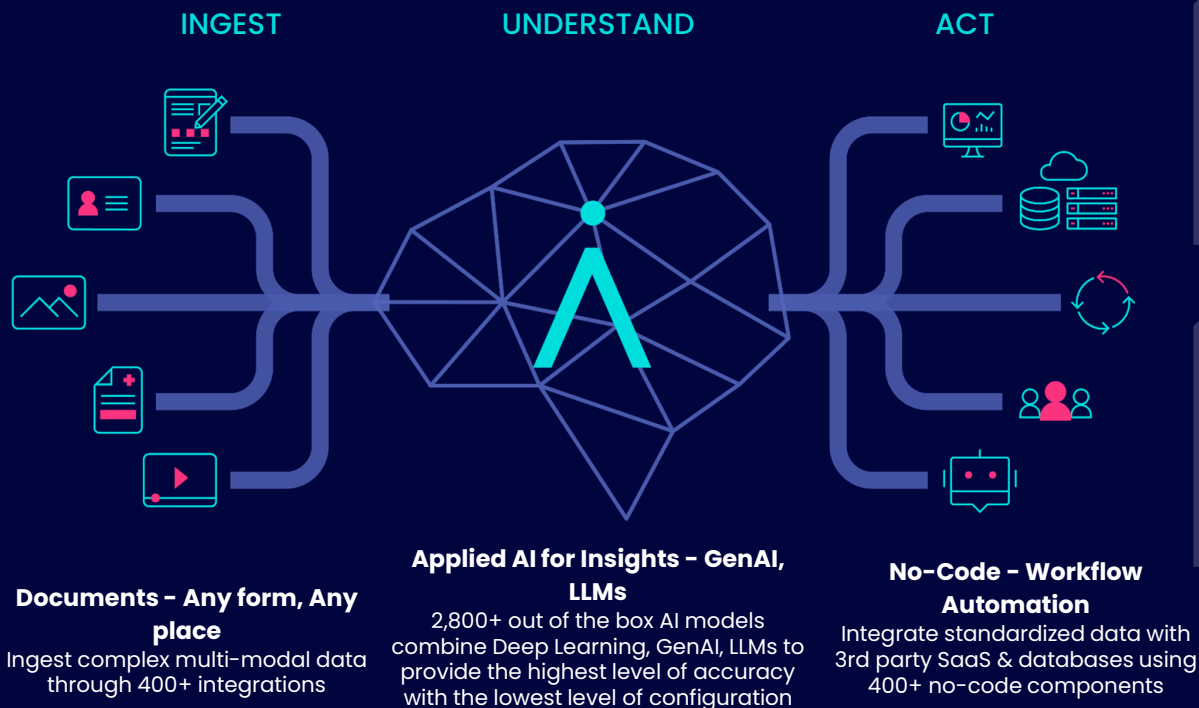
Base64 AI-First Cloud Native:

- Built from ground up with AI as core architecture
 - AI/ML models are central to core functionality, not add-ons
 - Data collection, processing, and model training integrated into base design
 - Scales automatically with cloud infrastructure
 - Continuous learning and model improvement built into system
- Architecture designed for AI workloads
 - Optimized for handling large datasets and model inference
 - Native integration with AI/ML pipelines
 - Built to handle dynamic resource allocation for AI processing
- Evolution path
 - Updates focus on model improvements and expanded AI capabilities
 - New features emerge from improved AI understanding
 - Rapid iteration based on model learning

Software Using AI:

- AI features added to existing software
 - AI capabilities bolted on to traditional architecture
 - Models often run as separate services
 - May have scaling limitations
 - Learning/improvement cycles often manual
- Traditional architecture with AI components
 - Core functions still based on conventional programming
 - AI features as supplementary tools
 - Resource allocation may not be optimized for AI
- Evolution path
 - Updates primarily focused on traditional feature development
 - AI improvements are incremental additions
 - Slower iteration cycles for AI capabilities

Introducing Base64 Document Intelligence



2,800+
pre-trained
AI models

99.7%
accuracy
rates

1
simple API &
400+ no-
code
integrations


Enterprise-
grade
security &
compliance

Certifications:
ISO 27001, ISO 20243, HIPAA, SOC 2
Type 1 & 2 and GDPR

Dynamic Data Extraction using LLM and AI

Official Form 106E/F

Schedule E/F: Creditors Who Have Unsecured Claims

Debtor 1 **Bob Bobbo Smith** Case number (if any) **123456**

Part 2: List All of Your NONPRIORITY Unsecured Claims

3. Do any creditors have nonpriority unsecured claims against you?
☐ No. You have nothing to report in this part. Submit this form to the court with your other schedules.
☒ Yes

4. List all of your nonpriority unsecured claims in the alphabetical order of the creditor who holds each claim. If a creditor has more than one nonpriority unsecured claim, list the creditor separately for each claim. For each claim listed, identify what type of claim it is. Do not list claims already included in Part 1. If more than one creditor holds a particular claim, list the other creditors in Part 3 if you have more than three nonpriority unsecured claims fit out the Continuation Page of Part 2.

Debtor Name	Last 4 digits of account number	When was the debt incurred?	Total claim
1.1 Todd Baker Nonpriority Creditor's Name 123 Lake Avenue Number Street Los Angeles CA 23540 City State ZIP Code	4 8 5 7	06/15/2024	\$ 1,000.00
As of the date you file, the claim is: Check all that apply. <input checked="" type="checkbox"/> Contingent <input checked="" type="checkbox"/> Unliquidated <input type="checkbox"/> Disputed			
Who incurred the debt? Check one. <input type="checkbox"/> Debtor 1 only <input type="checkbox"/> Debtor 2 only <input checked="" type="checkbox"/> Debtor 1 and Debtor 2 only <input type="checkbox"/> At least one of the debtors and another			
<input checked="" type="checkbox"/> Check if this claim is for a community debt			
Is the claim subject to offset? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
Type of NONPRIORITY unsecured claim: <input type="checkbox"/> Student loans <input checked="" type="checkbox"/> Obligations arising out of a separation agreement or divorce that you did not report as priority claims <input type="checkbox"/> Debts to pension or profit-sharing plans, and other similar debts <input checked="" type="checkbox"/> Other: Specify: Don't Know			

2.2 **Judy Bloom**
Nonpriority Creditor's Name
123 Ramona Street
Number Street
Quincy AR 84675
City State ZIP Code

Last 4 digits of account number **1 2 5 4**
When was the debt incurred? **10/10/2023**
Total claim **\$ 1,000.00**

As of the date you file, the claim is: Check all that apply.
☒ Contingent
☐ Unliquidated
☐ Disputed

Who incurred the debt? Check one.
☐ Debtor 1 only
☐ Debtor 2 only
☒ Debtor 1 and Debtor 2 only
☐ At least one of the debtors and another

☒ Check if this claim is for a community debt

Is the claim subject to offset?
☐ No
☒ Yes

Type of NONPRIORITY unsecured claim:
☐ Student loans
☒ Obligations arising out of a separation agreement or divorce that you did not report as priority claims
☐ Debts to pension or profit-sharing plans, and other similar debts
☐ Other: Specify:

3.3 **Richie Rich**
Nonpriority Creditor's Name
111 Money Street
Number Street
Cash NY 44444
City State ZIP Code

Last 4 digits of account number **4 4 4 4**
When was the debt incurred? **10/27/2023**
Total claim **\$ 10,000.00**

As of the date you file, the claim is: Check all that apply.
☒ Contingent
☒ Unliquidated
☐ Disputed

Who incurred the debt? Check one.
☐ Debtor 1 only
☐ Debtor 2 only
☒ Debtor 1 and Debtor 2 only
☐ At least one of the debtors and another

☒ Check if this claim is for a community debt

Is the claim subject to offset?
☒ No
☐ Yes

Type of NONPRIORITY unsecured claim:
☐ Student loans
☒ Obligations arising out of a separation agreement or divorce that you did not report as priority claims
☐ Debts to pension or profit-sharing plans, and other similar debts
☐ Other: Specify:

Debtor 1 **Bob Bobbo Smith** Case number (if any) **123456**

Part 2: Your NONPRIORITY Unsecured Claims - Continuation Page

After listing any entries on this page, number them beginning with 4.4, followed by 4.5, and so forth.

4.4 **Donald Duck**
Nonpriority Creditor's Name
1234 Duck Blvd
Number Street
Duckenburg NV 24354
City State ZIP Code

Last 4 digits of account number **3 4 5 6**
When was the debt incurred? **11/09/2023**
Total claim **\$ 1,000.00**

As of the date you file, the claim is: Check all that apply.
☒ Contingent
☒ Unliquidated
☐ Disputed

Who incurred the debt? Check one.
☒ Debtor 1 only
☐ Debtor 2 only
☐ Debtor 1 and Debtor 2 only
☐ At least one of the debtors and another

☒ Check if this claim is for a community debt

Is the claim subject to offset?
☒ No
☐ Yes

Type of NONPRIORITY unsecured claim:
☒ Student loans
☐ Obligations arising out of a separation agreement or divorce that you did not report as priority claims
☐ Debts to pension or profit-sharing plans, and other similar debts
☐ Other: Specify:

4.5 **Judy Bloom**
Nonpriority Creditor's Name
123 Ramona Street
Number Street
Quincy AR 84675
City State ZIP Code

Last 4 digits of account number **1 2 5 4**
When was the debt incurred? **10/10/2023**
Total claim **\$ 1,000.00**

As of the date you file, the claim is: Check all that apply.
☒ Contingent
☐ Unliquidated
☐ Disputed

Who incurred the debt? Check one.
☐ Debtor 1 only
☐ Debtor 2 only
☒ Debtor 1 and Debtor 2 only
☐ At least one of the debtors and another

☒ Check if this claim is for a community debt

Is the claim subject to offset?
☐ No
☒ Yes

Type of NONPRIORITY unsecured claim:
☐ Student loans
☒ Obligations arising out of a separation agreement or divorce that you did not report as priority claims
☐ Debts to pension or profit-sharing plans, and other similar debts
☐ Other: Specify:

4.6 **Richie Rich**
Nonpriority Creditor's Name
111 Money Street
Number Street
Cash NY 44444
City State ZIP Code

Last 4 digits of account number **4 4 4 4**
When was the debt incurred? **10/27/2023**
Total claim **\$ 10,000.00**

As of the date you file, the claim is: Check all that apply.
☒ Contingent
☒ Unliquidated
☐ Disputed

Who incurred the debt? Check one.
☐ Debtor 1 only
☐ Debtor 2 only
☒ Debtor 1 and Debtor 2 only
☐ At least one of the debtors and another

☒ Check if this claim is for a community debt

Is the claim subject to offset?
☒ No
☐ Yes

Type of NONPRIORITY unsecured claim:
☐ Student loans
☒ Obligations arising out of a separation agreement or divorce that you did not report as priority claims
☐ Debts to pension or profit-sharing plans, and other similar debts
☐ Other: Specify:

Dynamic Data Extraction using LLM and AI

Part 2 - Item 4 - Data					
Item Number	Nonpriority Creditor's Name	Address	Last 4 digits of account Number	When was the debt incurred	Total Claim
4.1	Todd Baker	123 Lake Avenue, Los Angeles, CA 23540	4857	2024-06-15	1,000.00
4.2	Judy Bloom	123 Ramona Street, Quincy, AR 84675	1254	2023-10-10	1,000.00
4.3	Richie Rich	111 Money Street, Cash, NY 44444	4444	2023-10-27	10,000.00
4.4	Donald Duck	1234 Duck Blvd, Duckenbourg, NV 24354	3456	2023-11-09	1,000.00

Part 2 - Item 4 - Data

🔍 🗣️ Type or speak your question...

Part 2 - Item 4 - Checkbox Column 1						
Item Number	Debtor 1	Debtor 2	Debtor 1 and Debtor 2	Debtor - Another	Community	Offset
4.1	No	No	Yes	No	Yes	No
4.2	Yes	No	No	No	No	Yes
4.3	No	No	Yes	No	Yes	No
4.4	Yes	No	No	No	No	No

Part 2 - Item 4 - Checkbox Column 1

🔍 🗣️ Type or speak your question...

Case Study: Banking/Finance Industry

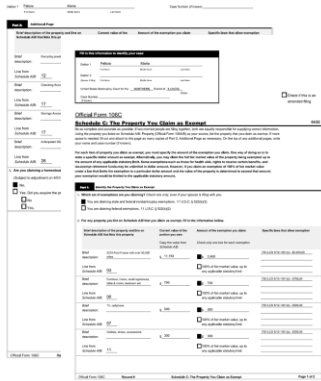
Individual Bankruptcy Petition processing

Challenge

Our client needed to automate the processing of over 200 bankruptcy packages per day (~4M pages/year) via email and directly. It was critical for them to be able to split the document into multiple Schedules, auto-classify each Schedule, extract the right data, and route the data to their Azure environment.



This screenshot shows the 'Official Form 101' for Schedule 1, 'List of Assets'. The form is divided into sections for 'Real Property', 'Personal Property', and 'Other Assets'. It includes fields for the debtor's name, address, and the date of the filing. The form is designed to be filled out by the debtor or their attorney, providing a detailed list of the debtor's assets for the court's review.



This screenshot shows the 'Official Form 102' for Schedule 2, 'List of Liabilities'. The form is divided into sections for 'Secured Liabilities', 'Unsecured Liabilities', and 'Other Liabilities'. It includes fields for the debtor's name, address, and the date of the filing. The form is designed to be filled out by the debtor or their attorney, providing a detailed list of the debtor's liabilities for the court's review.

Solution

Base64 provided an AI-powered solution to split a dynamic document (various formats with ability to extract data that may not be in same locations) based on Schedule, identify those Schedules to extract the right information from each one, apply post-processing to standardize the data and verification, and pass it via API to various segments of their Azure environment.

Impact

- Over 80% reduction in processing time
- Modernize business critical operations and enhance their relationship with customers
- Saves thousands of FTE hours

THANK YOU

Mike Chasteen
SVP Sales and Customer Success
mike.chasteen@base64.ai
214.693.8267

AI Native Top of Mind

THE WALL STREET JOURNAL.

AI-Native Companies Are Growing Fast and Doing Things Differently

Unlike established companies, these startups take AI as the starting point



By *Steven Rosenbush* [Follow](#)

Feb. 7, 2025 5:00 am ET

AI-native companies are born with a capacity to dynamically change and learn from customer data and workflows, potentially becoming as good as a custom app that a client might have commissioned.

ILLUSTRATION: THOMAS R. LECHLEITER/WSJ

Most companies necessarily approach generative AI as an innovation to integrate, but a handful of startups have sprung up with artificial intelligence as their starting point.

Like the digital-native companies that disrupted their elders at the dawn of the internet era, these AI natives don't need to reimagine their products, infrastructure or workflow, much less retrain or cut employees as a result of the new tech. They are testing boundaries in sectors from finance to software development and advertising and marketing. And in some cases they are overturning ideas about what's possible, especially when it comes to growth.

AI-Native Companies Are Growing Fast and Doing Things Differently – WSJ

Integration Workflows

