



Autonomous Document Processing

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Agenda

1. Strategic Value
2. Functions Overview
3. Sample Results
4. Why Our ADP
5. Q & A

Autonomous Document Processing (ADP)

Strategic Values

Transforming your **Unstructured Documents** into self-organizing digital assets & Actionable Intelligence digital assets

Minimizing manual processing while enabling instant knowledge retrieval and action-ready data, **without any pre-defined selection windows**

ADP Functions Overview

End-to-End Document Intelligence

1. Smart Extraction

- Paper documents → Digital text
- Unsearchable PDFs → Searchable data

2. Auto Document Classification & Information Extraction Models include:

- HKIDs (Zero-Shot Learning)
- Business Registration Certificates (Zero-Shot Learning)
- Receipts (to be Zero-Shot Learning)
- New document type models upon provision of documents for training

End-to-End Document Intelligence - continue

3. Searchable Transformation

- Text embedding to original document → Searchable PDFs
- Web-based PDF viewer

4. Polyglot Search

- Cross-language content retrieval

5. Our ADP can be deployed to on-premises and on your designated data centers

Sample Results

(1) OCR AI image recognition

IKEA HomeSquare Shatin Slip: 0000000S22001329723 Staff: Winnie Date: 26/10/24 11:19 Trans: 1329727 YUU ID: 934480039916846 Points Bal. as per last txn: 2,978 Description Amount Items: 998800014 蘇打紅莓芝士餅23.0 A 598801751 脆炸雞全翼2隻15.0 A 59880107 提子鬆餅5.0 A 598800278 熱咖啡9.0 A Total HKD52.0 E coupon - YUU-23.0 Octopus-29.0 Octopus Payment Device no. 535BC5 Octopus no. 180059089 Amount deducted-\$29.0 Remaining Value+\$0.9 Payment Time26/10/24 11:19:39 Last add value by Cash on 2024-10-07. Number of Items:4	1: IKEA 0.994 2: HomeSquare 0.998 3: Shatin 0.998 4: slip: 0.963 5: 0000000S22001329723 0.996 6: Staff: Winnie 0.990 7: Trans: 0.998 8: 1329727 1.000 9: Date: 2 0.929 10: 26/10/24 11:19 0.999 11: yuu ID: 9 0.928 12: 934480039916846 1.000 13: Points Bal. as per last txn: 2,978 0.967 14: Descript ion 0.993 15: Amount 0.998 16: Items: 0.922 17: 998800014整莓紅莓芝士餅 0.889 18: 23.0 1.000 19: A 0.995 20: 598801751脆炸雞全翼2 0.949 21: 15.0 1.000 22: A 0.993 23: 59880107 提子鬆餅 0.896	24: 5.0 1.000 25: A 0.953 26: 598800278 熱咖啡 0.863 27: 9.0 1.000 28: A 0.986 29: Total HKD 0.988 30: 52.0 1.000 31: E coupon - YUU 0.950 32: -23.0 1.000 33: Octopus 0.999 34: -29.0 1.000 35: Octopus Payment 0.998 36: Device no. 0.998 37: 535BC5 0.989 38: Octopus no. 0.998 39: Amount deducted 0.998 40: 180059089 1.000 41: -\$29.0 1.000 42: Remaining Value 0.997 43: +\$0.9 1.000 44: Payment Time 0.950 45: 26/10/24 11:19:39 1.000 46: Last add value by Cash on 2024-10-07. 0.991	47: Number of Items: 0.983 48: 4 1.000
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(2) Document Classification & Information Extraction

ADP →

Upload Document | Searchable PDF | Global Content Search

Extract Text

Show 10 entries

Autonomous Document Classification

Autonomous Information Extraction

Search:

My Profile ▾

Uploaded Date Time	Unit Name	Folder Name	Searchable PDF	Original Doc (KB)	Type Name	Key Phrases	Uploaded By	Status
2025-07-21 13:53:54	Management	0713	hkid22.pdf	591	HKID	[{"Name": "LOK,wing Ching", "Id": "Z683365 (5)"}]	Susan Chan	Current
2025-07-21 13:53:54	Management	0713	2.pdf	1957	BR	[{"Name": "ACCESS IVISIONS LIMITED, 宇視有限公司", "ID": "33272088-000-01-23-6", "Date": "02/01/2023 - 01/01/2024"}]	Susan Chan	Current
2025-07-21 13:53:54	Management	0713	ikea.pdf	1597	Receipt	[{"supplier": "Ikea Hong Kong", "date": "2024-12-07 11:16:00", "items": [{"item": "598800300 蘇炸鹹豬手仔臘", "cost": 73}, {"item": "598800017 香港三文魚柳伴", "cost": 53}, {"item": "598801738 三文魚島意粉配", "cost": 49}, {"item": "598800278 戴加啡", "cost": 0}, {"item": "3por @9.0", "cost": 27}, {"item": "598800062 薯蓉", "cost": 6}, {"item": "598800056 雜菜碟", "cost": 6}], "total_amt": 214}]	Susan Chan	Current
2025-07-21 13:42:45	Management	0713	hkid4.pdf	366	HKID	[{"Name": "LUI,Chun Mei", "Id": "C783783 (2)"}]	Susan Chan	Current
2025-07-21 13:39:55	Management	2057	flightShop.pdf	137	Receipt	[{"supplier": "FLIGHT STOP", "date": "2025-02-01", "items": [{"item": "SKU:8184300005, 3.29", "cost": 3.29}, {"item": "UPC:06717401", "cost": 0}, {"item": "CRV CHARGE", "cost": 0}, {"item": "SKU:14082600005, 0.08", "cost": 0.08}, {"item": "UPC:513800", "cost": 0}], "total_amt": 3.37}]	Susan Chan	Current
2025-07-21 13:39:55	Management	2057	lau-sheung.pdf	114	Receipt	[{"supplier": "樓上 食好", "date": "2025-04-23 19:38:00", "items": [{"item": "50.0, 37.0, 1個x37.0", "cost": 37}, {"item": "合共：1件", "cost": 0}], "total_amt": 37}]	Susan Chan	Current
2025-07-21 13:39:55	Management	2057	kalbo.pdf	126	Receipt	[{"supplier": "佳寶 食品", "date": "2025-06-23", "items": [{"item": "124813-果", "cost": 12}, {"item": "1008041-廣良興小光酥餅5個裝", "cost": 0}, {"item": "5.80, 2.000", "cost": 11.6}, {"item": "折扣：", "cost": -2.8}], "total_amt": 20.8}]	Susan Chan	Current
2025-07-21	Management	2057	postOffice.pdf	704	Receipt	[{"supplier": "Hong Kong Post Office", "date": "2018-01-18 09:47:00", "items": [{"item": "HKL, G.", "cost": 0}], "total_amt": 0}]	Susan Chan	Current

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(3) Global Search

ADP -->

Upload Document Searchable PDF Global Content Search

My Profile

Search Content: access + identity card

Select Folders (Default All Folders)

Show 10 entries

Search:

Uploaded Date Time	Unit Name	Folder Name	Searchable PDF	Original Doc (KB)	Uploaded By	Status
2025-05-24 10:23:45	Management	test2037	img-letter-BRhkid-lee.pdf	1690	Susan Chan	Current
2025-05-22 03:35:48	Management	test2024	img-letter-BRhkid-lee.pdf	1690	Susan Chan	Current
2025-05-20 10:15:55	Management			1690	Susan Chan	Current
2025-05-20 10:00:28	Management			1690	Susan Chan	Current
2025-05-20 08:32:17	Management	test2001	img-letter-BRhkid-lee.pdf	1690	Susan Chan	Current
2025-05-20 07:29:34	Management	test2000	img-letter-BRhkid-lee.pdf	1690	Susan Chan	Current
2025-05-20 01:43:03	Management	test1004	img-letter-BRhkid-lee.pdf	1690	Susan Chan	Current
2025-05-16 04:39:01	Management	test102	img-letter-BRhkid-lee.pdf	1690	Susan Chan	Current
2025-04-12 19:36:58	Management	test10	application3-letter-BRhkid.pdf	1690	Susan Chan	Current
2025-04-12 04:19:16	Management	test10	application3-letter-BRhkid.pdf	1690	Susan Chan	Current

Multiple Phrases Search, Support Multi-Language

Previous 1 2 Next

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(4) Online Preview Document & Further Explore

The screenshot displays the ADP (Access iVisions Document Preview) interface. On the left, a sidebar contains buttons for 'Upload Document', 'Searchable PDF', and 'Global Content Search'. Below these is a 'Search Content' section with a search bar containing 'access + identity card' and a 'Show 10 entries' dropdown. The main area shows a list of documents with columns for 'Uploaded Date Time' and 'Unit Name'. A central modal window is open, showing a preview of a document. The modal has a search bar with 'lee' and a list of search results. A green callout box points to the search results with the text 'Further Explore Inside the Transformed PDF document'. The modal also shows a preview of a document, which is a sample of an 'access + identity card'. On the right, there is a 'My Profile' button and a search bar. Below the modal, there is a table with columns 'Original Doc (KB)', 'Uploaded By', and 'Status'. The table lists several documents, all uploaded by 'Susan Chan' and with a status of 'Current'. At the bottom of the interface, there is a 'Dismiss' button and a contact email 'contact us: adp@iss.com.hk'.

ADP -->

Upload Document Searchable PDF Global Content Search

Search Content

access + identity card

Show 10 entries

Uploaded Date Time	Unit Name
2025-05-24 10:23:45	Management
2025-05-22 09:35:48	Management
2025-05-20 10:15:55	Management
2025-05-20 10:00:28	Management
2025-05-20 08:32:17	Management
2025-05-20 07:29:34	Management
2025-05-20 01:43:03	Management
2025-05-16 04:39:01	Management
2025-04-12 19:36:58	Management
2025-04-12 04:19:16	Management

Further Explore Inside the Transformed PDF document

Original Doc (KB)	Uploaded By	Status
1690	Susan Chan	Current
1690	Susan Chan	Current
1690	Susan Chan	Current
1690	Susan Chan	Current
1690	Susan Chan	Current
1690	Susan Chan	Current
1690	Susan Chan	Current
1690	Susan Chan	Current
1690	Susan Chan	Current
1690	Susan Chan	Current

Previous 1 2 Next

Dismiss

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Why Our ADP

- Data are owned and controlled by you 100%, well use of your DATA intelligence valuable assets
- Transform paper/PDFs into searchable AI digitalization
- Extract insights while competitors wrestle cloud risks
- Improve business operational efficiency
 - Build internal knowledge database for fast respond
 - Optional: Auto provide summary reports, decision prediction
- Local source code development
- Local technical support & tailor-make for future customization

Why Our ADP

- Ready with 95% text detection accuracy: English & Simplified Chinese
- Ready with $\geq 75\%$ text detection accuracy: Traditional Chinese¹
- Can support multi languages & phrases search
- Self-improving accuracy
- Scalable from demo to enterprise environment

¹ Traditional Chinese Text Image recognition accuracy can be significantly improved by collecting more images for training.

Who fit to use

Who are the target customers	Government Departments, Enterprises
To achieve what purposes	• Information extracted to be owned and controlled by your organization • Digitalize and speed up organization operations ➤ Improve operation efficiency and reduce human errors ➤ Improve response time to the public / customers • Empower supervision and strategic decisions ➤ Handle large number of paper document and easily review / retrieve / bird-view the whole situation ➤ Leverage the advantages of digitalization to drive insightful strategies for the future



Thank you

Q & A

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