

Rappit UnDoc

Automate document processing



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Rappit Undoc is a Google Cloud-based solution for AI-powered processing of unstructured and hand-written documents. It automates the extraction of discrete data elements from complex unstructured documents through real-time processing. Rappit Undoc leverages Google's self-learning Document AI system to classify documents, extracts information from them, and subsequently inserts this information as discrete data elements into your back-end systems for further downstream processing.

The use of Rappit Undoc results in measurable improvements in operational efficiency, and typically provides a return on investment within one year. Customers have implemented Rappit Undoc for the processing of e.g. import/export documents and invoices, where other solutions are either too expensive or don't offer sufficient capabilities.

The screenshot displays the 'Verification Desk' interface. At the top, it shows 'Back to home', 'Time Spent: 00:28', and the user 'Agalya Verification Admin'. The main area is divided into two panels. The left panel shows a scanned invoice document with a QR code and Chinese text. The right panel displays the extracted data for the document '5876-PtP-20220125-195.pdf'.

Document Type	Invoice Number	Buyer Code
Debit	31243506	5876

P O Number	Invoice Date
4513835973,4507685055	01/05/2022

Name	Tax Number	Phone Number
杭州福粒科技有限公司	91330103MA28M15Y0X	57188890188

Country	Supplier Code
CHINA	4010131

Amount	NET AMOUNT	TOTAL TAX
Taxable Amount: 70,509.71	70,202.71	0

Benefits



Accurate

98% accuracy. With self-learning via verification app



Easy to use

End-user friendly, with exception workflows and dashboards for real-time insights



Cost effective

Save on cost of manual work or an inaccurate OCR solution with high license cost



Start quickly

Typical implementation in as little as 6 weeks



Integrated

Truly automated solution, with data processed into your back-end systems

How it works

Based on your unique needs and use-cases, Vanenburg will develop an end-to-end document processing solution using customizable Rappit Undoc components. This solution enables you to extract structured content from complex unstructured documents using Google's industry-leading Artificial Intelligence & Machine Learning technologies. Rappit Undoc can automatically insert extracted information into backend systems via API calls or database inserts. Components of the Rappit Undoc solution include:



Document capture service

Scans mailbox / cloud storage for incoming documents, sends for conversion and stores / routes them to required destinations



Conversion Service

Uses OCR / Google DocAI for entity extraction and custom AI/ML models for content classification and entity recognition



Verification app (human-in-the-loop)

Verification desk to review and provide corrections, with a feedback loop to ML models for continuous learning



Dashboard for logging, monitoring & reporting

Prediction and extraction logging. Conversion service performance monitoring. Reporting & alerting

Use cases

Automate capture of procurement data

Invoices, orders, receipts

Automate logistics data

Shipment documents, bill of lading, export documents

Process manufacturing documents

Quality documents, lab reports, technical documents

A proven solution for leading companies



Chemicals



Logistics



Manufacturing



FinTech



Logistics



Pricing

Rappit Undoc is a Google Cloud-hosted solution. Pricing consists of three elements: 1) A one-time custom development and configuration cost, 2) A monthly subscription fee with a minimum 1 year duration, 3) Usage of DocAI on a pay-per-use basis (depending on the number of documents). Flexible plans are available starting at a one-time cost of €15,000, with an annual subscription fee of €10,000 for 100.000 pages.

Take a deeper dive

Contact us and share up to 10 example documents (e.g. invoice, export document) that you would like to digitize, marking the fields that are important to you. You will get a free demo that shows you how we can digitize these documents quickly and securely with Rappit Undoc.

vanenburg

Vanenburg is a leading independent software provider. Building on a proud heritage, we are experts in developing Cloud based Enterprise Software modernization solutions, that include Custom Made Applications, Data Analytics, Artificial Intelligence and Machine Learning. Based on Rappit, our application development suite consisting of amongst others Rappit Developer and Rappit Composer, we enable our customers to create unique business value.

Vanenburg serves a customer base consisting of multinationals and medium sized organizations, mainly in the Manufacturing, Supply Chain & Logistics and Retail & Wholesale industries. Our Rappit Suite also supports ISV's and System Integrators in building world-class applications.