Seagems process optimization using AI

IPNET was responsible for activating services and developing a model to process invoices and categorize them correctly according to Seagems business rules' labels.

The challenge

Seagems' challenge was to extract information from invoices (around 120 documents per month), sent in different ways and with different patterns (approximately 30 different patterns, including international variations), where the extraction and analysis were done manually, making the purchase process slower. There was an urgent need of making this process smarter and more agile, accelerating the p

The solution

Document AI was used to develop an application that could easily extract information from the invoices and convert them according to the client's business rules. An endpoint via Cloud Functions was created to consume data from the invoices and save them into a Cloud Storage bucket. The model was then refined with cataloged data, to be categorized and make the information extraction more assertive.

The result

With the implementation of this data extraction and conversion solution, the client could guarantee an analysis of the invoices integrity, and also was able to detect failures, optimize time and costs, automate registrations, elevate security and reduce the time of former system data insertion.

> " We aimed to reach precise data extraction, enhanced documents analysis, more agility, costs and error reduction, increase in efficiency and security. Also, we got better communication, a precise scope, impeccable chronogram and, also, our partnership was very efficient. "
>
> Jorge Kort - IT MANAGER

About Seagems

Specializing in practical solutions in subsea engineering, Seagems operates on and under the seas, bringing solutions to the most diverse offshore demands of the Energy industries. Its fleet consists of six ships equipped with 12 remotely controlled underwater vehicles.
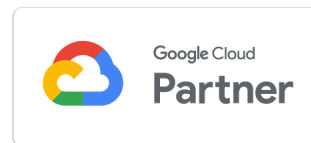
Vertical/horizontal solution: Logistics

Primary project location: Brazil

About IPNET SERVICOS EM NUVEM E DESENVOLVIMENTO DE SISTEMAS LTDA (fka METARJ SOLUCOES EM GEOTECNOLOGIA E DESENV DE SISTEMAS LTDA)

IPNET Growth Partner's main goal is to accelerate Digital Transformation in companies, with an advisory posture and offering tailor-made solution

Products

Google Cloud Platform