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Allianz (Ⅱ)

Case Study Allianz Real Estate Suisse AG

Measuring Resource Consumption of Real Estate With Intelligent Document Processing

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Client

Allianz Immobilien Suisse AG

Task

Extraction of Consumption Data of Buildings From Energy Bills

Scope

Ca. 6,000 Energy Bills per Year for 300 Pieces of Real Estate

Services

**Classification
Data Extraction**

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➡ Starting point

Allianz Suisse Immobilien AG, a company of the Allianz insurance group, launched the "CO2 footprint" project to measure and reduce the company-wide CO2 footprint. To determine the current CO2 emissions of the 300 properties, the electricity, gas, and district heating consumption data were collected and evaluated. 6,000 electricity bills were read, which were issued by 96 energy companies over a period of one year. This resulted in large deviations of the bills in terms of layout and structure. Manual collection of the information would have been time-consuming, repetitive and error-prone, which is why an automated solution was instigated.

〰 Our approach

In a first phase, the statements of the six largest energy plants were read out with the Acodis data extraction software. These statements represented 50% of the existing documents. This meant that a significant part could already be analysed and a process set up for the following phases. The pipeline of the extraction process included text recognition and classification of the scanned statements, extraction and analysis of the relevant data and storage of the extracted data in a database.

In the second phase, Allianz Immobilien is now able to use the Acodis data extraction software as an ongoing service (Software as a Service). This allows the extraction and analysis of further statements at the push of a button. The ongoing service can also be further supplemented with statements from additional energy utilities.

Customer benefit

The automated extraction of the consumption data, as well as the set-up of the pipeline and database, is made possible:

Sustainable real estate management

Saving resources

Laying the foundation for future intelligent document processing

Outcome

With the help of data extraction, Allianz Immobilien can evaluate the energy consumption of its buildings and use the information obtained to identify efficient measures for CO_2 reduction.

About Acodis
Acodis is dedicated to the automation of business documents since its founding in 2016. The Acodis IDP platform, powered by machine learning, enables automated processing of any document within seconds. This replaces manual document transfers and allows extracted data to be exported in a structured format. Acodis is based in Winterthur, Switzerland, and currently employs 25 people.

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