

# DocQMiner

by Deloitte

DATA REMEDIATION | LIFE SCIENCES & HEALTHCARE | GLOBAL

Speed, cost effectiveness and quality in extracting data from documents

## Successful proof of concept providing data remediation as a service accelerated by DocQMiner

**Client issue:** in preparation for DADI and IDMP, medicinal product data needed to be extracted out of many documents

While the go-live of the global ISO IDMP standards is still uncertain, a concrete elaboration of the trend towards digitization of medicinal products data is already here with the EMA's DADI project. With a release date this October, and mandatory in September 2023, pharmaceutical companies are structuring and extracting all necessary data elements of medicinal products from different systems, departments and documents.

With the submission of structured data via DADI, the **harmonization and alignment between the data and the dossier is of paramount importance:** these must

match. For many organizations this **requires a targeted project**. For Deloitte's client, a top 10 pharmaceutical company, it would take years to **manually search and extract the necessary data** due to its enormous amount of documents. Aside from it being incredibly time consuming and expensive, this task would typically be **prone to human error**. That's why the pharmaceutical company started investigating a more structured and automated way of extracting necessary data from the dossier as look to prepare for DADI and IDMP.

**Solution:** combination of extensive expertise of Deloitte's IDMP experts and deployment of DocQMiner

The collaboration with Deloitte enabled the pharmaceutical company to benefit from the **extensive expertise of Deloitte's IDMP experts**, as well as from the efficiencies enabled by the **DocQMiner solution**. DocQMiner, developed years ago and now applied to Life Sciences, easily and automatically extracts datapoints from an endless possibility of documents.

In this proof of concept, efficiency gains and value were demonstrated between manual extraction of necessary datapoints from a selected set of SmPC documents, and DocQMiner. The data that DocQMiner extracts was remediated by the IDMP experts through a **three level quality review** and validation, ensuring high data quality, but with all the accuracy and cost saving benefits of minimal manual labor.

At the end of the process, Deloitte's team provided **a qualified dataset** listing all preselected data **that went beyond the requirements** for DADI. This dataset was ready to be implemented into the Regulatory Information Management System (RIMS) of the organization.

**Impact:** significant reduction in time and costs of the extraction process. Positioned to establish oversight in the medicinal data across departments

This proof of concept was extremely successful. Use of DocQMiner resulted in up to 73 percent additional efficiency in data extraction, compared to doing this all manually. This significantly **brings down the time and costs** of the extracting process and makes meeting the deadlines of DADI and IDMP easier.

Following the deliverable of a dataset ready for RIMS, the pharmaceutical company is now positioned to establish **a single source of truth**, with oversight on all the cross departmental medicinal product data. While the preparation for DADI and eventually for IDMP seemed time consuming, daunting and complex, the actual service meant a **smooth process with minimal effort**.

And because DocQMiner can extract unlimited data elements, we can expect to see meaningful impact with the use cases for this data extraction and remediation solution to support Life Sciences in their shift from documents to data, in the regulatory process and beyond.



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