GoodData

Case Study

REDICA Systems

How To Reduce Compliance Risk for Pharmaceutical and Medical Device Companies

Redica Systems is a unique data analytics platform that tracks life sciences inspection and enforcement action data, providing an overview of the trends to pharma and medical device companies. They've pioneered a new category called Quality and Regulatory Intelligence (QRI). Redica Systems decided to partner with GoodData to get solid data analytics and visualization capabilities, which are crucial for their customers. Before Redica Systems, most life sciences companies manually processed all the data separately. Redica Systems's goal is to save time and increase efficiency in reducing compliance risk.

> 62k Documents stored in Redica Systems.

> 900k Inspection records stored in Redica Systems.

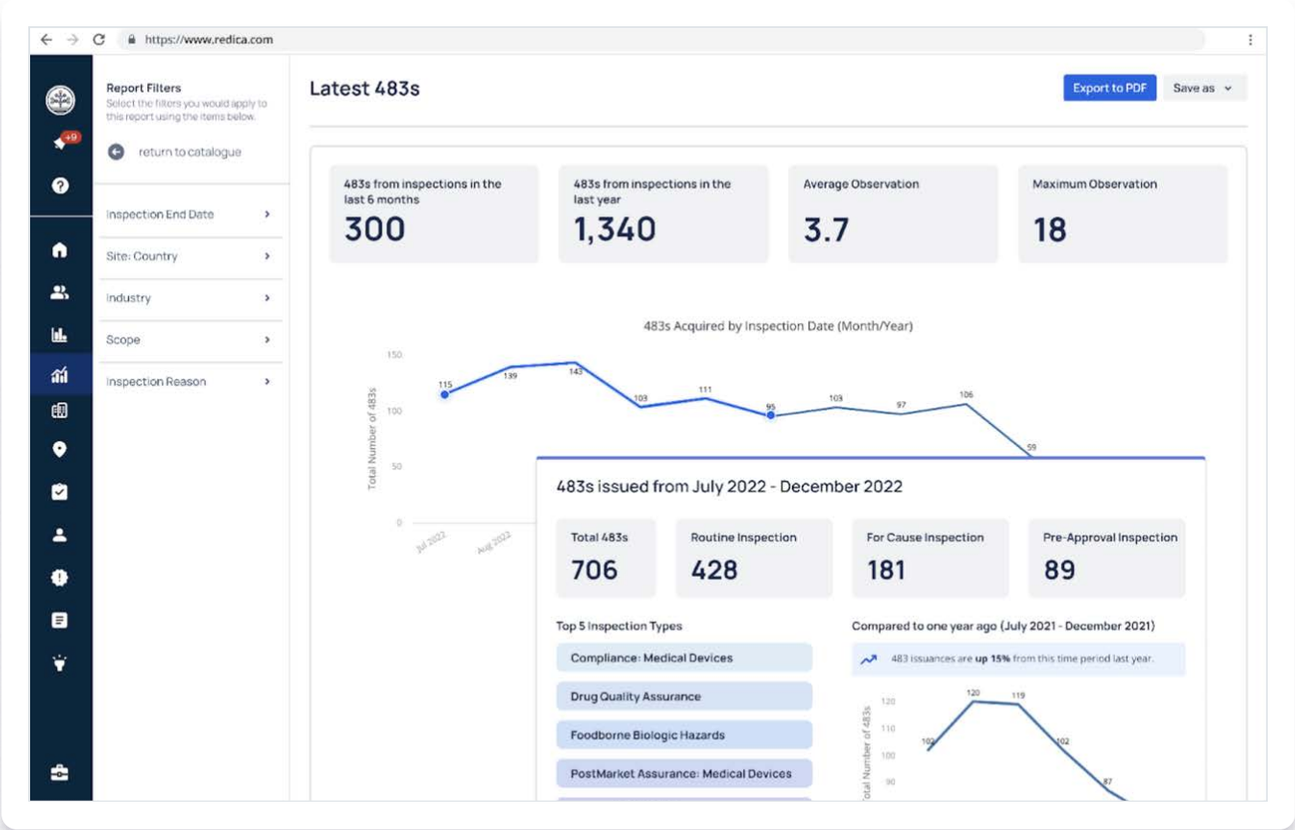
50 workspaces Integrated into its product portfolio.

> 90% Of top pharma and medtech companies use Redica Systems.

The company

Redica Systems, a Quality and Regulatory Intelligence (QRI) platform for pharma and medtech companies, transforms millions of data points into meaningful answers and insights, improving product quality and reducing regulatory risk.

As a life sciences data analytics company, Redica Systems ingests data from the world's various regulatory and inspection agencies, such as the U.S. Food and Drug Administration (FDA) and the European Medicines Agency (EMA). Redica Systems gathers and sorts third-party data, analyzes trends, and provides its customers (specifically pharmaceutical and medical device companies) with detailed analysis. Redica Systems makes the analytics easily accessible for its clients, providing the foundation for better decision-making.



THE CHALLENGE:

Data about past inspections, internal audits, new standards, and regulations fall into Redica Systems' three categories of focus: **inspection preparation,**

vendor quality monitoring, and regulatory surveillance. These areas produce a huge amount of unstructured data that is difficult to comprehend without proper analysis.

To make efficient decisions based on risk level, it is in the interest of life sciences companies to know about the latest agency inspection focus and any recent enforcement actions. In the past, many pharma and medtech companies tried to analyze the data manually, but the process was slow, laborious, and failed to produce the desired outcomes.

This is where Redica Systems comes in. Their goal is to filter out the noise and surface insights that improve decision-making. By turning unstructured and siloed data into easily accessible, user-friendly analysis, they strive to save time and increase efficiency for life sciences professionals.

"Embedding flexibility was the main reason we chose GoodData. Interactivity, customization options, and programmatic ability were all very important to us and GoodData's embedding via React SDK offers exactly that."

Arijit Saha
Chief Technology Officer at Redica Systems

THE SOLUTION:

Redica Systems began to monitor the trends and set about building the world's first platform dedicated to Quality and Regulatory Intelligence (QRI). They track inspections, enforcement actions, and regulatory publications, analyze the data, and provide pharmaceutical and medtech companies with an overview of any regulatory risks associated with their global supply chains.

The core of the platform is dashboards and data visualizations. These are integrated into the application and monitor key proprietary metrics, like Supplier Risk Score™ [1]. Redica Systems uses 50 GoodData workspaces to provide analytics, each one tailored to the specific client's use case.

[1] "Supplier Risk Score" is a trademark of Redica Systems

Top GoodData features that match Redica's needs

Embedding via React SDK	GD's React SDK embedding method was chosen for its ease of interactivity and customization.
Time to market	Implementation time was 50% shorter with GD than with other traditional BI tools.
Semantic layer	GD's semantic layer and logical data model allow Redica to process large amounts of data and generate real-time views.

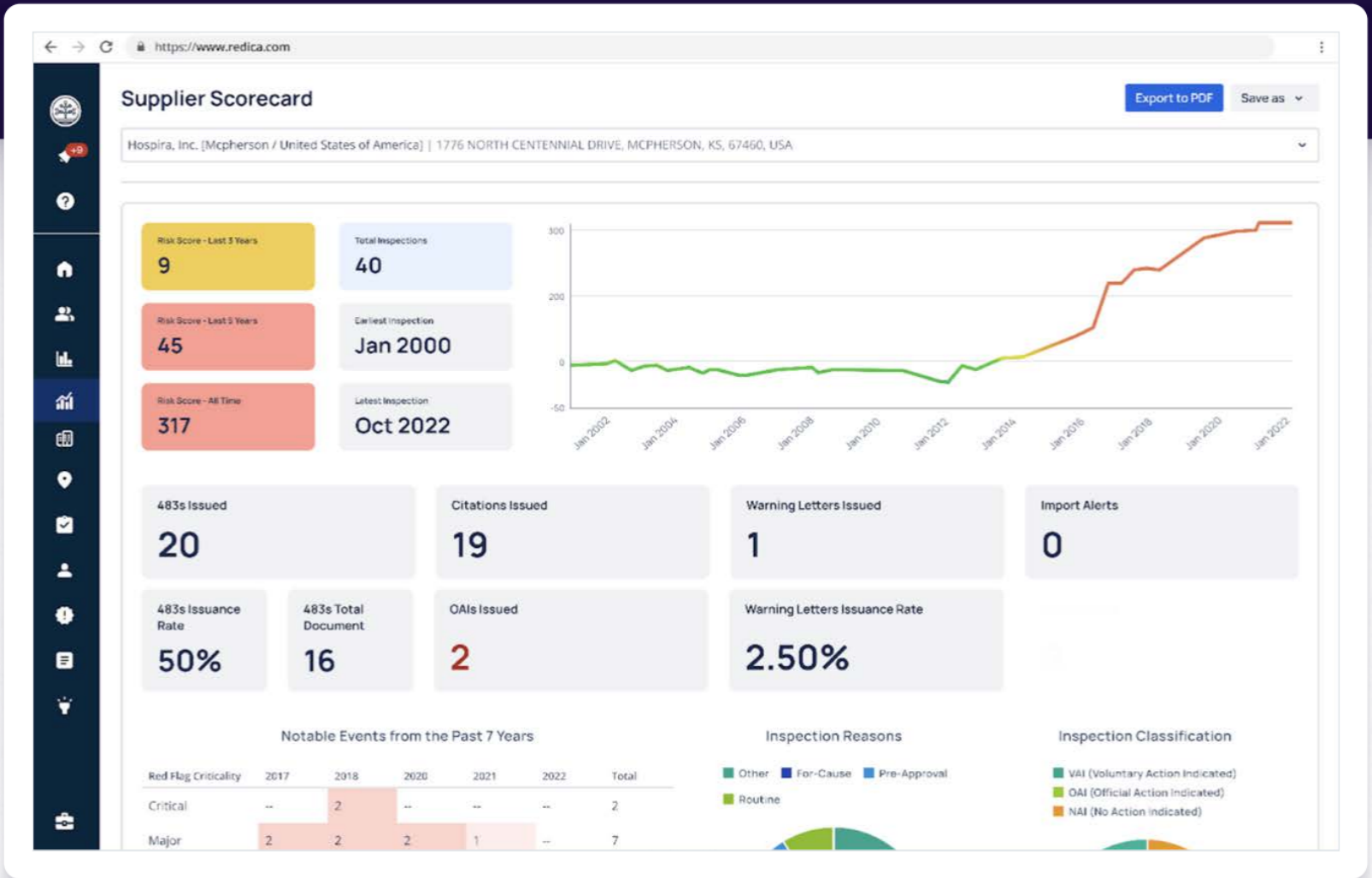
"Another reason we chose GoodData was the time to market. With the help of the professional services team, we were able to finish a complex implementation in under 6 months. Originally, we estimated it would take much longer."

Arijit Saha
Chief Technology Officer at Redica Systems

THE RESULT:

With its life sciences QRI, Redica Systems managed to turn the unstructured data into easily accessible and user-friendly analytics that are used by over 200 leading pharmaceutical and medical device companies. Customers gained access to a large volume of enriched data, most of which was inaccessible before. The data is now structured, interlinked, and visualized via embedded dashboards and visualizations adapted to each client's needs.

Since developing the solution, Redica Systems has worked with over 90% of the world's leading pharmaceutical and medtech companies, saving hundreds of staff hours every month and reducing compliance risk.



"The semantic layer, together with a logical data model, are among GoodData's main advantages. Storing the data in one place ensures much higher performance compared to what the traditional BI tools offer."

- Arijit Saha, Chief Technology Officer at Redica Systems

GoodData. All rights reserved 2023