

Utilizing insights from data analytics to create peace of mind for safety inspections firm

Synegrate unlocked invaluable insights for DEKRA Organizational Safety & Reliability with a custom DAaaS application.

About the Client

Since 1925, DEKRA has been at the forefront of the vehicle inspections industry. Within the first five years of operation, they already had grown to 79 inspection centers and 52 valuation centers. The growth certainly did not stop there. Fast forward to the present day, where DEKRA is the largest inspection company in Germany, and the third-largest in the world. As of the end of the year 2018, they were standing strong with 45,057 employees, and revenues of €3.34 billion. DEKRA currently supports 44,000 members, 230 subsidiaries, and has established holdings in over 50 countries across five continents. For 95 years, DEKRA has been a staunch proponent of people, empowerment, science, leadership, results, and commitment. DEKRA believes there is no limit to safety, and there is certainly no limit to their growth.

DEKRA's Problem

DEKRA was experiencing delays in rolling out their insights solutions to their customers. Their legacy application, the architecture it was built on, and the approach to designing and building the dashboards and visualizations were not working. They were stuck in a never-ending project to deliver the solution on an architecture that was incorrectly designed and could not scale. DEKRA needed a sustainable solution to be built from the ground up. Best practices and an architecture that could scale to an enterprise-level were the DEKRA's key specifications.

Synegrate's Solution

Synegrate helped DEKRA transform its data insights solutions by modernizing and standardizing its Data Analytics and AI platform. The platform is responsible for ingesting data from disparate sources, transforming the information at scale, and storing it as a single source of truth. Valuable insights are then derived from this information. This is accomplished by creating tabular and multi-dimensional data models. The models are then visualized in Power BI dashboards on Synegrate's custom Data Analytics as a Service application (DAaaS).

The Results

Synegrate's implementation helped DEKRA bring its safety insights solutions to market. DEKRA and Synegrate's partnership continues to grow their solution offerings. This solution makes a huge difference in underpinning the safety consulting work DEKRA does with their customers.



Synegrate provides the following services to DEKRA in Oxnard, CA:

Data & Analytics

- Access to critical insights
- Integrating siloed and disparate data
- Automating manual and tedious tasks

Systems Integration:

- Decrease levels of dual data capture, manual processing, and data irregularities
- Greater Security
- Heightened productivity and insights
- Cost and complexity reduction

Cloud Adoption:

- Data Migration
- Database Maintenance
- Agility and cost optimization
- Maximum flexibility & scalability



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