



Smart Solutions to Improve your Business

About edataconsulting

Our team is specialized in planning, implementation and maintenance of IT solutions.

We have offices in Germany, where the company was founded in 2003, and in Spain. However, our international vocation and capacities allow us to help other companies to plan and carry out their digital transformation strategy, regardless of where they are located.

2003

Germany
Gelsenkirchen

2008

Spain
Las Palmas de G.C

2015

Germany
Heidelberg

Over **60** professionals are ready to take care of your business

Our team is composed of the best
specialists of different fields of
expertise to offer you the service you
expect and deserve

IT Consultants

Developers

Cybersecurity and Systems Experts

Virtual and Augmented Reality Developers

UX / UI Designers



Software development



Compliance & Standards: Worried about aviation standards and regulatory compliance? Our products are designed with industry regulations in mind.

Training & Documentation: Need assistance in training your staff or creating user-friendly documentation for your application? We've got you covered.

Cloud & Infrastructure: Want to leverage the power of the cloud for scalability and efficiency? As experts in cloud solutions, we can help optimize your aviation software's performance.

Custom Solutions: From flight operations to crew management and MRO (Maintenance, Repair, & Overhaul), we offer tailored solutions to fit unique aviation challenges.

Software development



Resource Augmentation: Do you have an application being developed and need more resources? We have a team of experts ready to jump in.

Idea Execution: Have an innovative idea for aviation software but unsure how to bring it to life? We're here to guide and execute with you.

Maintenance & Support: Already have an aviation application but need constant maintenance or technical support? Trust our dedicated team for seamless operations.

Integration Expertise: Need your software to integrate seamlessly with existing aviation systems or platforms? We specialize in creating interconnected solutions.

Aircraft Maintenance Platform

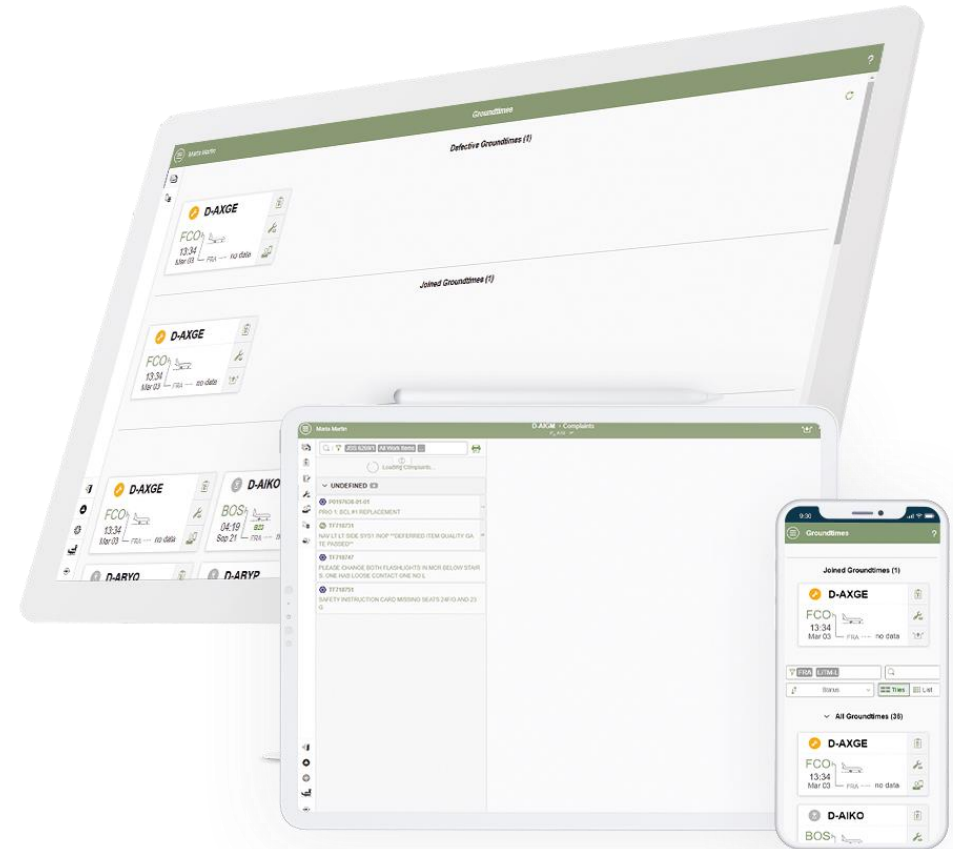
Jan 15 – today

The project consists of the development and maintenance of a software tool with which mechanics and engineers can conduct and certify electronic documentation activities for maintenance work performed on aircrafts. The main purpose of the system is to track when each maintenance action was performed and by whom.

It is intended to increase the quality of the documentation compared to the paper-based solution, as well as to reduce the costs and efforts regarding data entry and storage.

How we help

- We develop new functionalities for the application and improve existing ones.
- We adapt the application according to changes performed in any external service: since Maintenance Log is connected to many vital external services, it is very important to keep the system up-to-date at all times.
- We offer a 24/7 support service for mechanics and engineers in order to help solve any issue related to the usability of the application.



Technologies



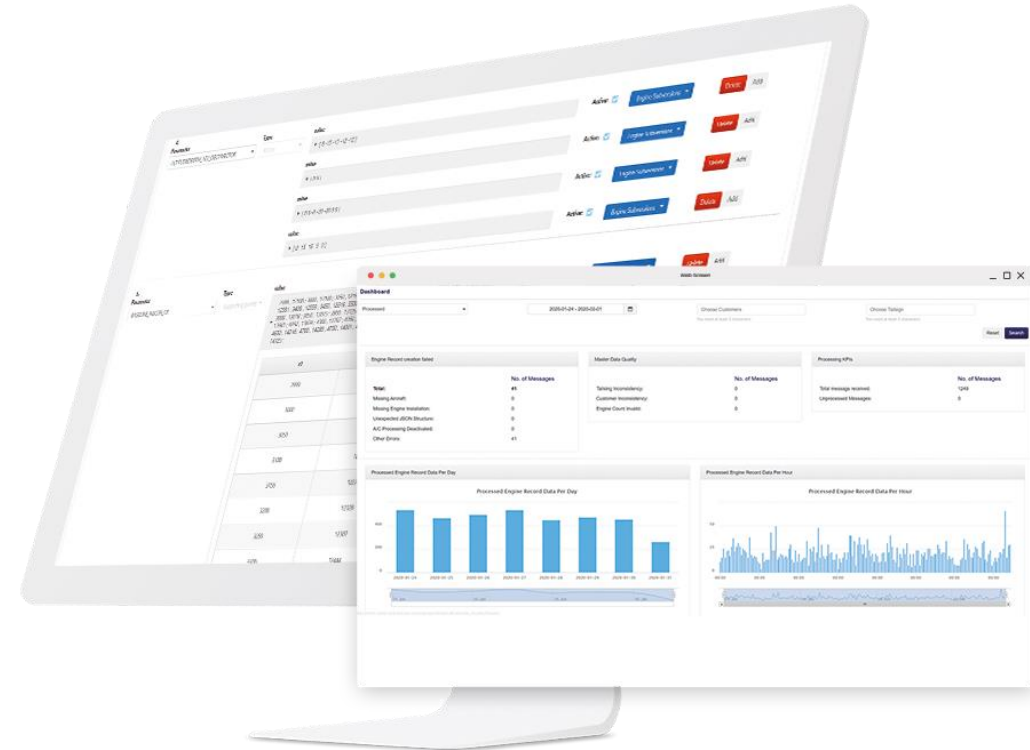
Motor Monitoring Dashboard

Feb 17 – today

It is a robust and scalable web application that handles the information received by aircraft engines in order to know their performance and find the best time for maintenance, repairs or replacements.

How we help

- We rebuild the calculation module by transforming it from a single application to an application based on micro-services which communicates with Kafka.
- We create an interface that allows us to compare the different parameters of the different engines via graphs.
- We generate a system to create rules and to simulate them using pre-existing data in the system before applying it to a real situation.
- We build a system that manages the events created from the rules, which enables the analyst to concentrate on the important events and to analyze each case in detail in order to provide recommendations to clients.



Technologies



Big Data and BI

We reap the benefits from data.

Big Data is composed of a great volume of complex growing data which come from different sources, and which provide new perspectives to approach risks and opportunities. There is so much to process that conventional software is incapable of doing it; that's why the construction of specific solutions is required to make the most of data.

We will help you analyze, structure and present this data through easy-to-use applications, allowing you to make the most accurate decisions, based on the greatest amount of information, in the shortest time possible.

Sectors of application

- Predictive maintenance
- Improvement of the clients' experience
- Machine Learning solutions
- Operational efficiency
- Boosting innovation
- Data mining



Aug 18 - today

How we help

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Virtual & Augmented Reality

It's not a fad, it's the future.

More and more companies are using these technologies, and no wonder because the fields of application and the benefits they provide are countless. In our AR & VR department, not only do we do research with the latest devices and software available, but we also develop state-of-the-art solutions for leading companies.

Do you know the difference between Virtual reality and Augmented Reality?

Through **Virtual Reality**, the user will use a device in which he will visualize a 100% digital environment, whereas **Augmented Reality** combines the visualization of a real environment where 3D digital elements overlap.



Layar

Jun 18 – Dec 18

Through a scalable augmented reality solution, we sought to improve the logistics planning of Audi factories and workshops.

How we help

- We created a multi-use solution, where several people could collaborate in real time to design a space and detect problems before tackling them or making improvements.
- We made it possible to visualize digital elements at a 1:1 scale or even smaller so as to get a general view of the planning. These plans could be imported or exported.
- We generated an intuitive interphase where users would interact in a natural way with 3D elements. They could therefore get additional information regarding the elements, such as their movement and size.

Technologies





e dataconsulting

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Could you possibly need more reasons to trust in us?

If you have a project in mind, we'd love to hear all about it and make it come true. Please, contact us!

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Sistema de
Gestión
ISO 9001:2015
ISO/IEC 27001:2013



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