



LINIAair

LINIAair drone software enables efficient, safe data collection. LINIAair makes it easy, fast and safe to fly generated flight routes.

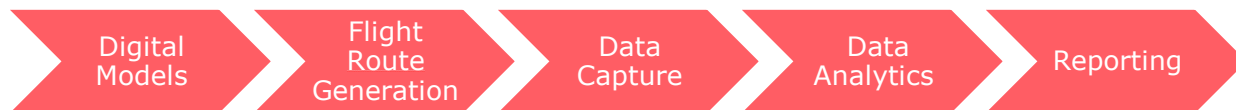
Power lines extend over dozens of kilometres. Inspecting power lines with drones requires the full concentration of the inspection operator, as the pylons are often located in difficult to access terrain. In addition, conditions on site may have changed since a previous inspection. Inspection operators therefore rely on drone software to help them navigate and increase the safety and efficiency of the inspection.

Safe drone flights

The LINIAair drone software enables efficient and safe data acquisition. LINIAair makes it easy, fast and safe to fly the routes previously generated by LINIApower.

The application has been specifically developed so that inspection personnel can concentrate on the safe navigation of the route and spend as little time as possible on the operation of the drone or drone camera. This includes functions such as displaying previously inspected assets, automatically aligning and focusing the camera on the correct object and automatically naming the photos.

Process for automated inspection



Automating the inspection process

Critical infrastructures such as high-voltage lines, railway lines and power plants face major challenges in terms of operation and maintenance. Many lines need to be renewed, the networks are under greater strain, and it is difficult to switch off for maintenance work. Inspections by helicopter, ground inspections or ascents are costly and labour-intensive and harbour risks for employees.

With automated inspections, we offer operators of critical infrastructure a proven alternative. Our artificial intelligence (AI)-based software for collecting and analysing data offers enormous advantages.

The high degree of automation ensures that maintenance budgets are used in the right places and supply security is increased.

Your benefits

- Automated process
- Standardised data
- Repeatable inspections
- Precise flight routes

Who we address

Our services are aimed at electricity grid operators and companies that provide inspection services to electricity grid operators.

What we deliver

Our LINIAair, LINIApower and Insights software tools are revolutionising the way assets are monitored and maintained. By using drones, even in hard-to-reach places and during operations - quickly, safely and reliably.

Software: Our LINIApower and Insights platforms and LINIAair drone software are available as Software-as-a-Service (SaaS) solutions.

Services: Our services cover all steps of automated inspection - from flight route generation and drone flights, including obtaining the necessary flight permits, to data analysis and reporting.

Modularity: Our services have a modular structure and can be tailored to meet your specific requirements. For example, you can purchase the drone software including flight routes and carry out the drone flights and data analyses yourself. Or, if required, you can purchase the end-to-end service.

Want to know more?

Get in touch with us and benefit from our years of experience and expertise. We are a strong, interdisciplinary team of application, engineering, data science and software development experts.



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