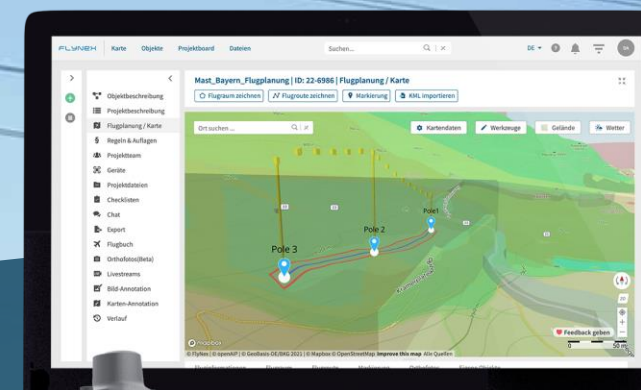


FLYNEX



The FlyNex Platform.

Smart data for more efficiency in the inspection of your infrastructure.

THE INSPECTION CHALLENGES TODAY.

Inefficient processes & hardly any digital data.

- Increasing number of assets to inspect
- Shortage of skilled workers & growing high personnel costs
- Data generation, management and processing are often done manually instead of digitalized
- Inspections of large facilities often only possible with expensive (helicopters), complex (lifting platform, scaffolding) or inaccurate means
- Work safety and protection are elementary
- Missing interfaces between various sources of data collection



BETTER WITH DRONES.

More efficient & cost-effective.

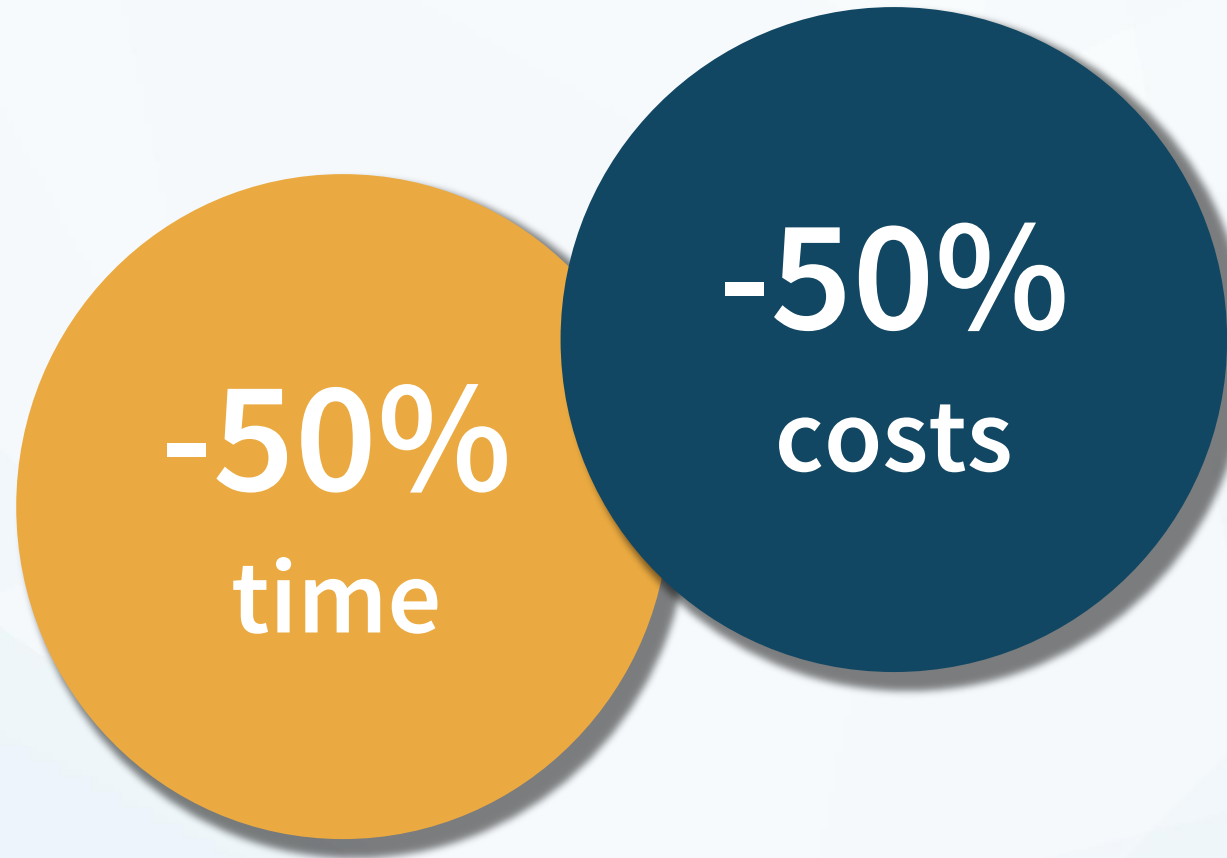
The drone as a flexible and efficient tool for digital data generation.

Drones as well as other data generation technologies are efficient methods for collection data digitally.



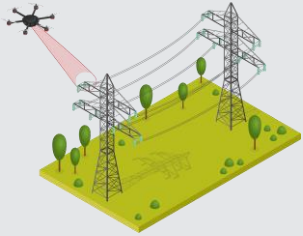
THE BENEFITS.

At least 50% time and cost savings & reduction of risks.

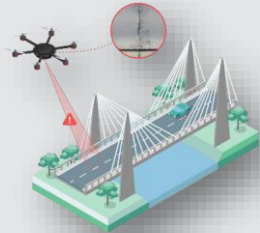


TYPICAL APPLICATION AREAS.

For scalable data generation processes with drones.



Powerline inspection



Bridge inspection



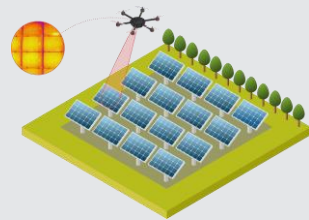
Pipeline inspection



Documentation & Surveying



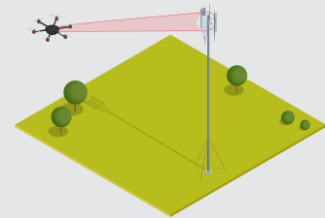
Surveillance



Solar park inspection



Building inspection



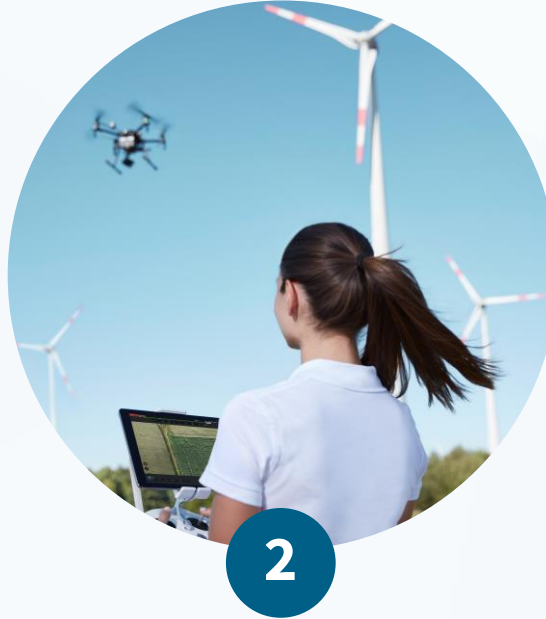
Antenna inspection

CHALLENGES IN DRONE OPERATIONS.

**1**

Complex rules

Restrictions regulate drone flights - What should I be aware of?

**2**

Planning and implementation

How do you plan resources and manage a drone fleet efficiently, even on a large scale?

**3**

Tons of data

How do you manage data and turn it into insights?

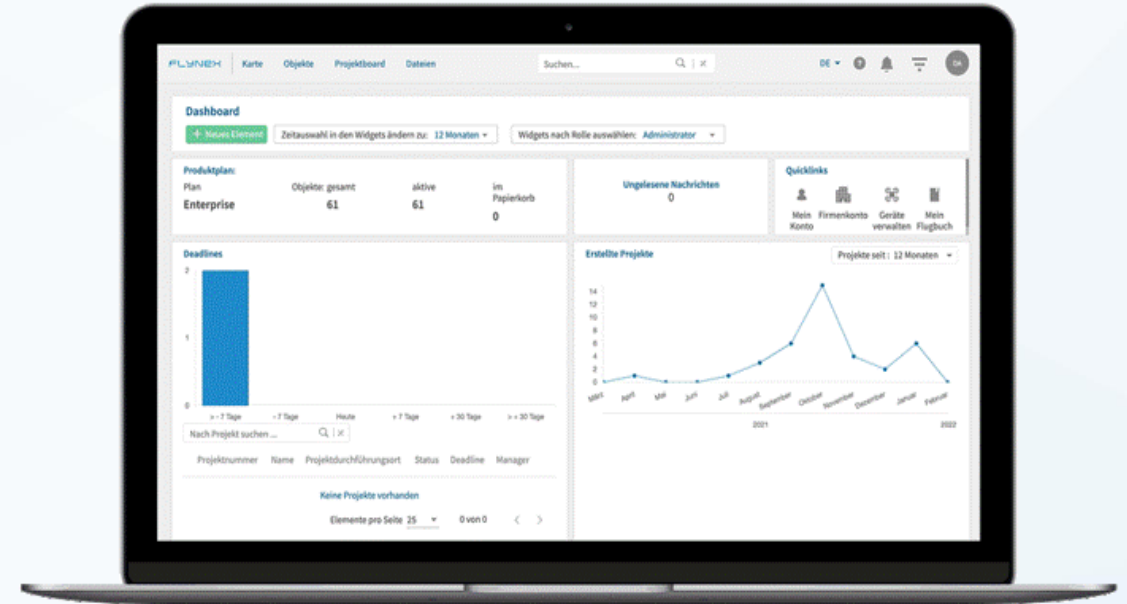
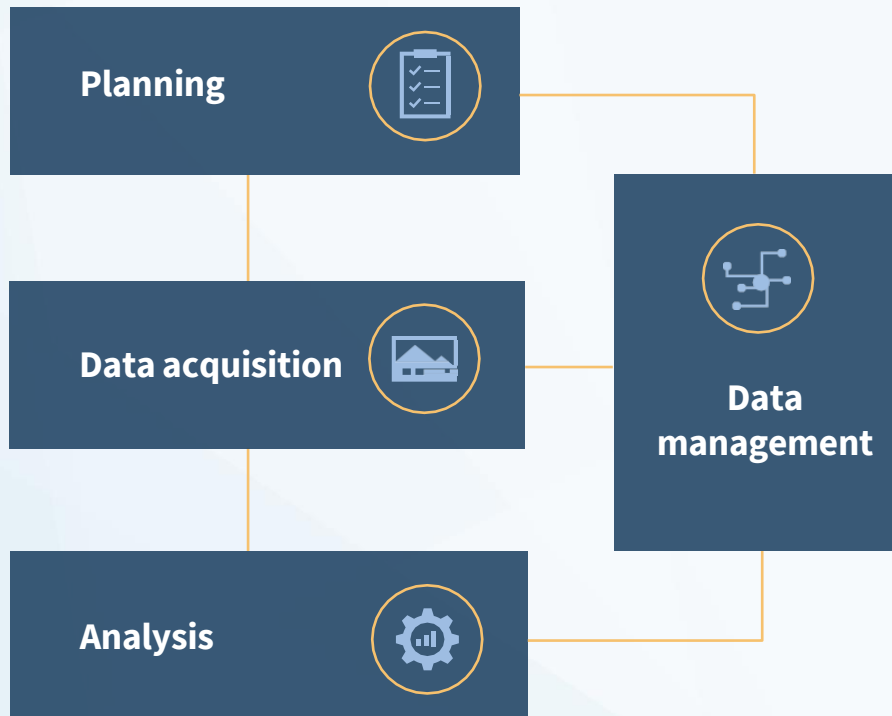
THE SOLUTION.

An end-to-end software for automated data processes.



THE FLYNEX PLATFORM.

Collect data automatically, manage it centrally and analyse it efficiently.



THE FLYNEX PLATFORM.

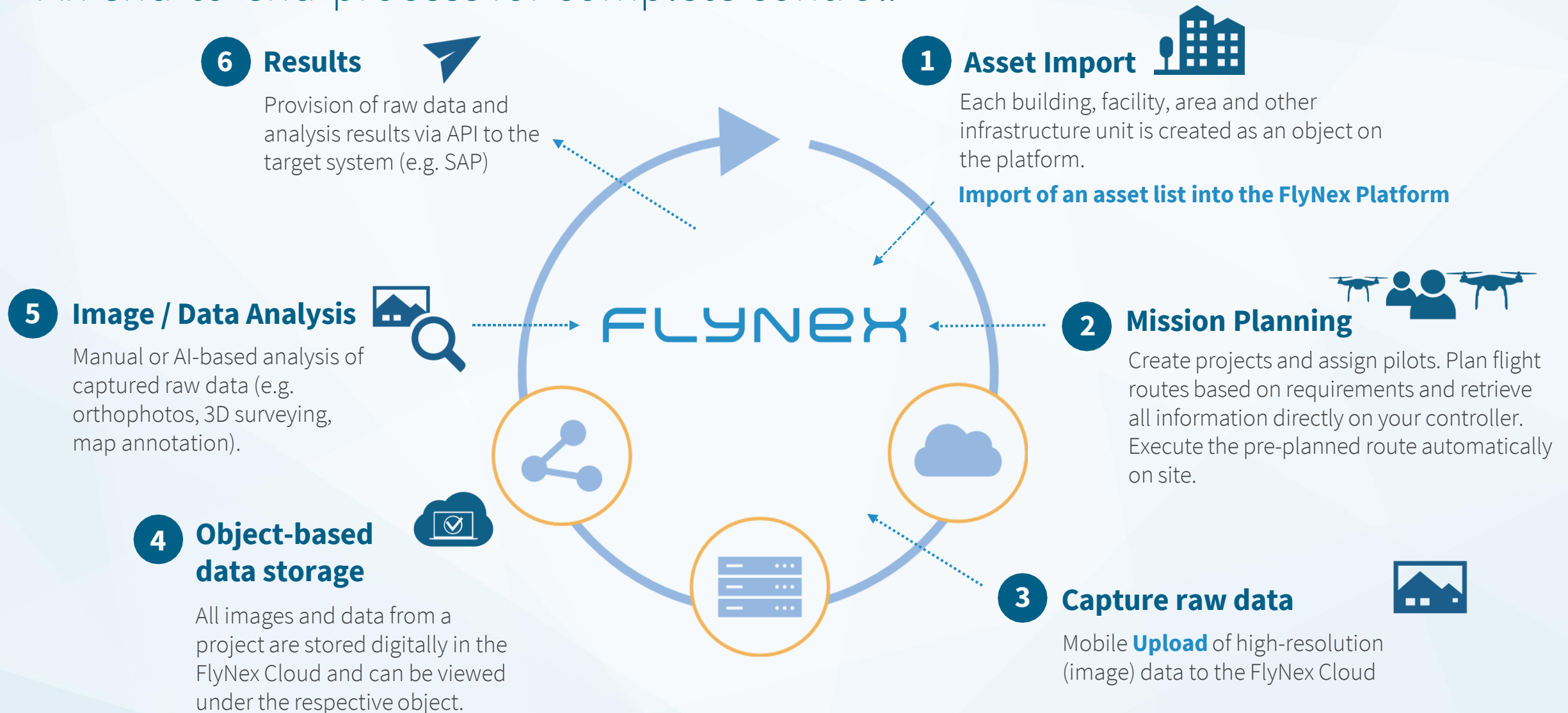
Modular and fully integrable.

- **Planning** according to applicable rules & regulations
- Automated **data acquisition** on site
- Advanced **analysis** capabilities: 3D point clouds, orthophotos, image and map annotations, AI-based damage analysis, volume calculations, etc.
- **Management** of assets, fleet and data
- Integrated role and rights management
- Automated reporting
- High data protection standards
- Flexible interfaces (API) to existing systems (e.g. SAP, IBM Maximo, etc.)



THE FLYNEX PLATFORM.

An end-to-end-process for complete control.



THE FLYNEX PLATFORM.

Always on the safe side.

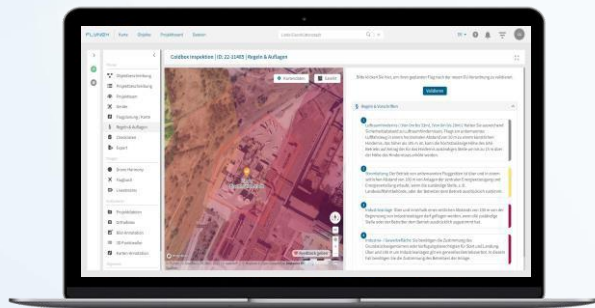
- Most comprehensive database with drone-relevant requirements
- GDPR-compliant processes
- AI solution for filtering out personal content
- Data processing exclusively on FlyNex infrastructure (redundant Microsoft Azure infrastructure in Europe)
- Enterprise role & rights concept - access only for responsible employees
- Hiding of irrelevant functions possible
- Source code is located entirely in Germany

 T-Mobile Systems



COMPONENTS.

The FlyNex Enterprise Suite.



FlyNex Platform

- Regulatory based map and planning
- Digital flight logbook
- Management of pilots, material and licenses
- Roles & rights for all users



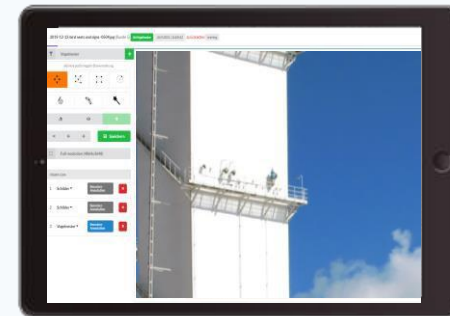
Interface with DJI drones

- Connection to the cloud platform
- Automated flights



FlyNex Connect App

- Livestreaming of the drone
- Data exchange to the FlyNex Corporate Platform
- Flight automation



FlyNex Analytics Connector

- Integration of leading analysis software for further data evaluation and processing

THE RESULT.

More efficiency all along the line.



Increase productivity

- Time and cost savings through process automation
- Structured data management & processing
- Simple fleet and flight logbook management



Ensure transparency

- Seamless information flow (internal & external)
- No tool hopping
- Integrated role and rights management



Scale unlimited

- Manage thousands of objects in one platform
- Standardize processes
- Work collaboratively with an unlimited number of users and from any location



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