



CUSTOMER SUCCESS STORY

FROM 3D REALITY CAPTURE TO COMPLETE SITE DOCUMENTATION

The construction company Goldbeck uses the FlyNex Enterprise Suite to organize surveys and 3D reality capture with its own drones.

SITUATION

Goldbeck, one of the leading construction companies in Germany, uses drones for multiple purposes. Already, more than a dozen pilots conduct flights on Goldbecks's construction sides. Digitization and more precise data generation are two essential factors for deploying drones.



Construction Company

Size:

more than 8,500 employees at 90 locations in Europe

Turnover:

€4.1 billion in over 500 projects (2020/2021)

About:

Family business (founded in 1969)

Construction of logistics and industrial halls, office and school buildings, multi-story parking lots and residential buildings throughout Europe

www.goldbeck.de

CHALLENGE

More than 500 construction sides, countless pilots, and drones necessitate centralized project management: Assigning pilots and drones, planning flight routes, obeying regulations, documentation of flights, and many more. Also, collected data must be analyzed and provided to the site manager.

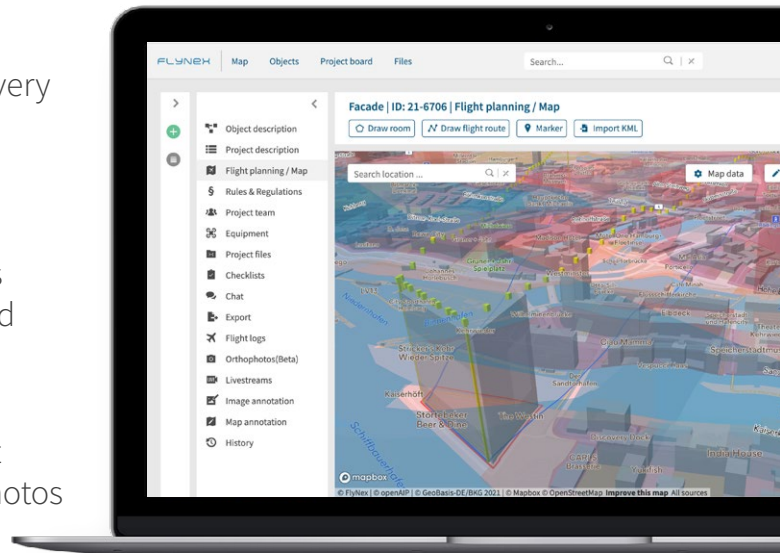
SOLUTION

Goldbeck uses the **FlyNex Enterprise Suite** for collecting data by drones. The software manages every step from project planning to data analysis.

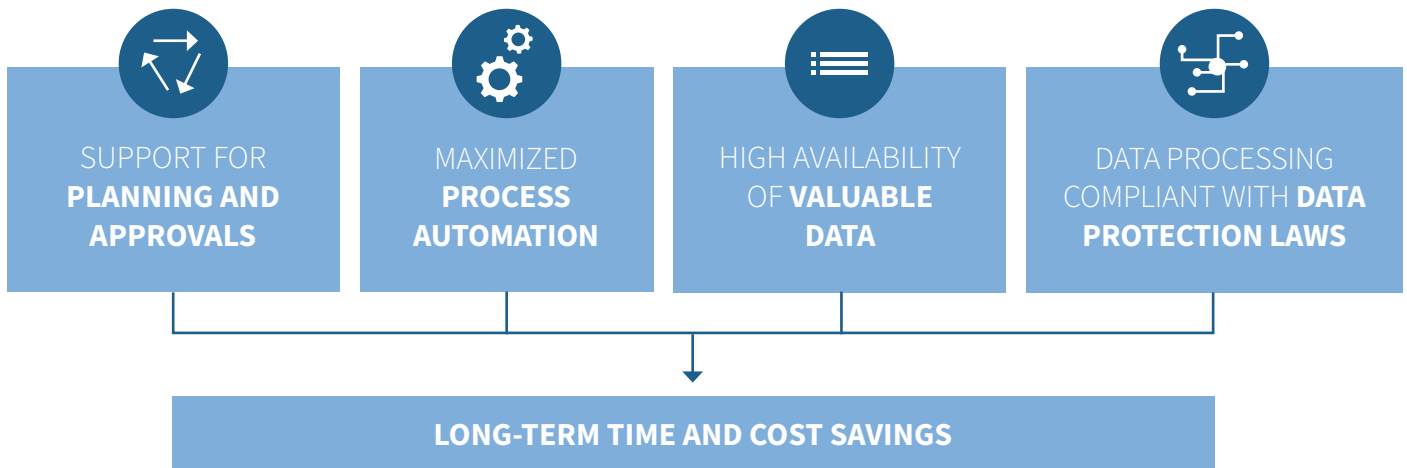
Construction sides can be digitized. Also, pilots and drones can be assigned to projects.

Flights carried out once can be repeated as often as desired. Survey and image data is directly transferred into the platform and immediately available to the site manager.

On top of that, Goldbeck uses drone data to conduct volume calculation, create point clouds and orthophotos in analysis tools such as Propeller or Agisoft.



RESULT



“The digitization of construction sites by drone is a strategic and operative, crucial element within the building process. Current and precise data is essential for orchestrating service providers. The high digitizing standard guaranteed by the utilization of drones enables smooth workflows and a much quicker construction process.”

Joerg Renter, team lead BIM and 3D reality capture

CONTACT US, if you are also looking to digitize your work processes with drone data and improve their efficiency: **contact@flynex.de**