



Drone Box

Efficient and straightforward construction progress documentation through automated drone flights

Product description

Keep your construction site in view, anytime, anywhere. Our Drone Box enables regular, automated drone flights over your construction site without requiring personnel on site. This innovative solution repeatedly captures precise data and makes it available through a seamless digital platform. The recordings provide valuable insights into construction site logistics and progress, allowing project teams to continuously receive information on the status of the work with minimal on-site presence. This provides the team with a solid basis for making quick decisions.

Our services

- **Automated drone flights:** predefined flight routes capture consistent aerial imagery and 3D models of the construction site.
- **Data processing and provision:** the data is processed automatically and made available within a short time on our in-house "Maps of RSRG" platform. Information can be shared with additional users through collaborative platforms. You also receive real-time remote access to the drone camera and can measure distances relative to the track axis, including chainage.
- **Comprehensive construction site information:** visual data for project management, quality assurance and the verification of safety measures enables faster problem-solving on site.

- **Targeted data outputs:** creation of digital terrain models, comparisons and traceability of construction progress. As railway professionals, we provide the answers to your questions.

Your advantages

- **Efficiency:** reduced travel times and targeted information enable personnel to focus on other tasks.
- **Accuracy:** consistently high-quality data that meets the specific requirements of foremen, site managers and engineers.
- **Flexibility:** location-independent monitoring with rapid deployment capability, allowing timely remote responses to project changes.
- **Expert team:** our specialised team combines field experience and technical expertise to meet the specific requirements of the construction site.

Contact

Digital Rail Services
drs.ch@rsrg.com
+41 43 322 23 23

