

United Grading Gains Flexible, High-Frequency Site Validation



Challenges

On fast-paced site development projects, United Grading needed a faster and more flexible way to validate site conditions between project milestones. Drone surveys introduced regulatory hurdles like pilot licensing and airspace restrictions, often delaying or complicating data collection. In addition, drone data did not offer the level of hands-on control, immediacy, or repeatability the team needed to confidently verify grading and elevations on a daily basis.

Solution - SDX-Compact

United Grading mounted the SDX-Compact OnTop on a dedicated side-by-side, enabling high-frequency site scans as part of their daily routine. The system captures colorized point clouds and photo documentation while driving the site, delivering data to the cloud for immediate review. Results are available for grading verification, elevation checks, and visual reporting without waiting.



Instant Results



Fast Verification



Insights

Heath
Surveyor

"This is a phenomenal setup, a phenomenal addition to not only construction and surveying and grading. It has made our lives so much simpler. The data output, the information that it gives us in such a short time is phenomenal."

Benefits

High-Frequency Validation

Full Data Control

Faster Decisions

Easy to learn

About United Grading

United Grading & Excavating is a Georgia-based site development contractor specializing in grading, excavation, clearing, drainage, and road construction. With decades of experience the company supports various projects, delivering precise earthwork and site preparation services at scale.



Future

- Continue scaling Sodex use across larger, more complex projects
- Build a standard practice of daily site scanning throughout operations
- Expand how captured data supports progress documentation and client reporting
- Integrate new platform features as they are released