



YellowScan

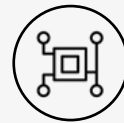
Reliable LiDAR for UAV.

SUCCESS STORY

Mining



UAV USED
DJI M600



SOLUTION
Vx-20

“

The UAV YellowScan option provides access to projects that typically would be inaccessible with convention survey equipment

Jerrad Burns, CAD technician, Sorrell-Smith Engineering Consultants LLC (2SEC)

Business need.

The client objective was to obtain a mining plan not only for the life of the mine's reserves, but to create short 3-year, mid 5-7 year, and longterm 7-plus year plans.

A comprehensive visual was a must, not only for the client but for 2SEC as well.

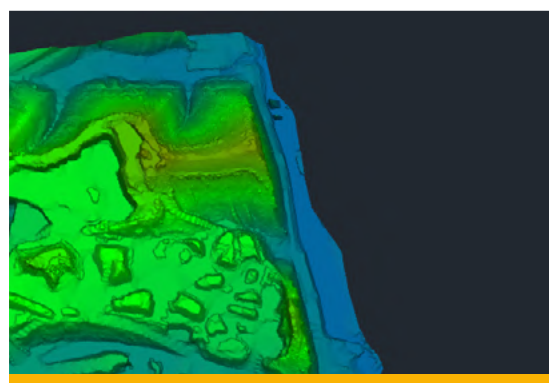
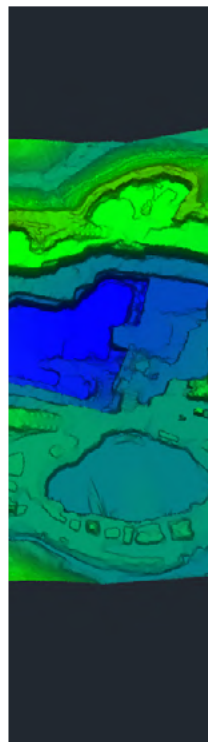
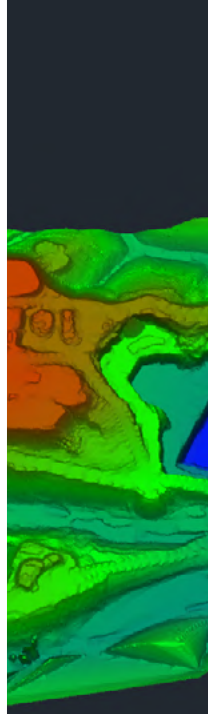
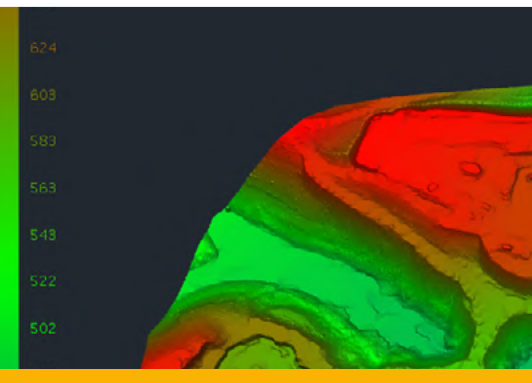
Solution.

2SEC would survey not just the core mine area but also undisturbed adjacent areas with trees that fall within the mining limits or what may be future minable material.

The YellowScan Vx-20 provides great features that help get ground shots under nature's canopies, and verify the location of the NGS blue line streams and its meandering routes.



Company: 2SEC
Website: www.2secllc.com
Country: USA, Arkansas



SUCCESS STORY

Results

Acquisition.

7 flights surveyed 193 hectares or 477 acres with 5 days of processing and 12 days in which data was reviewed with development and quantity calculations.



YellowScan Vx-20 on a DJI M600

Mission parameters.

- Number of flights: 7
- Survey size: 477 acres in 1 day
- Flight speed: 8 m/s
- Flight altitude: 50 m AGL

You want to learn more about this success story ?

Scan this QR CODE



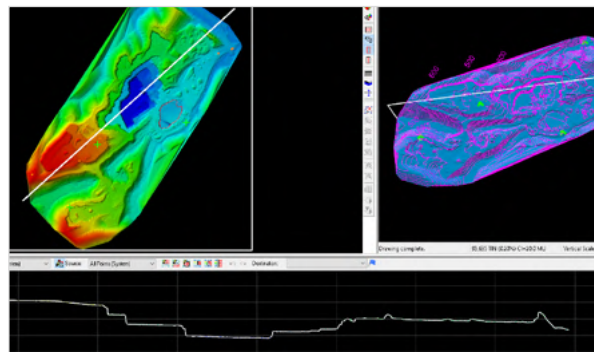
Results.

3 days of data processing delivered all survey data and value-added products, including 2,770 images and over 89 million points, with 10 aerial targets for ground control.

Benefits.

Client savings VS Land Survey (conventional methods):

- **Data Acquisition:** 7 days saved
- **Data Processing time:** 25-30 days saved
- **Raw Data Quality Control time:** 30-45 days saved
- **Total time savings:** 62-82 days
- **Total estimated savings:** \$45-\$60K



Mining profile