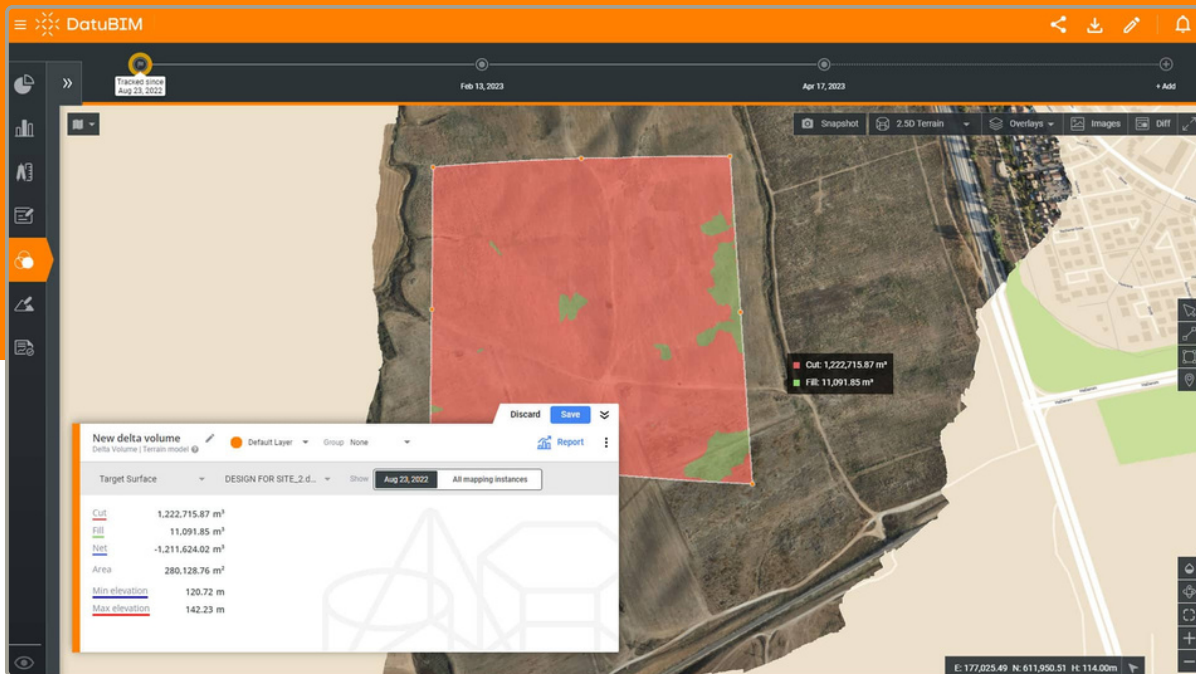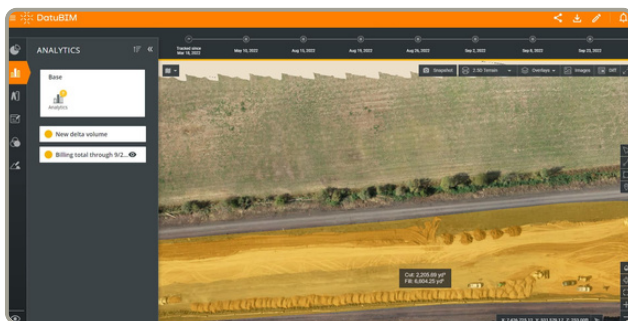# Datumate

Use case

Win more bids with accurate and fast estimations using photogrammetry and drone mapping software

Ensure you have all the necessary information you need to stay competitive and bid accurately
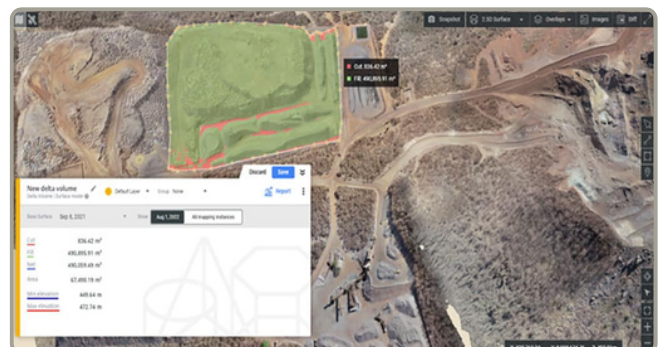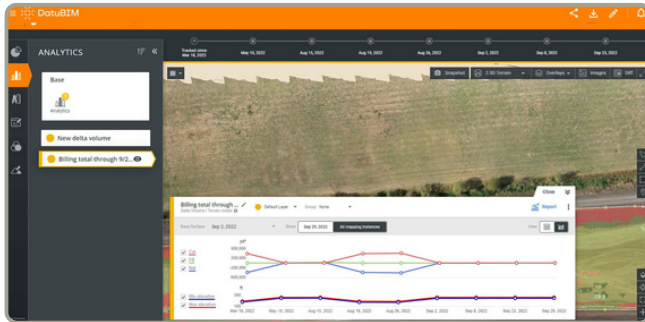

Replace onsite foot topos

Save time and costs by significantly reducing the time spent on traditional site surveys and manual measurements. Automate the process of collecting data manually, reduce human error, and streamline the estimation process to bid faster and more accurately and allocate resources more efficiently.

Enhance accuracy and precision

Capture real-time data pre-bid, and process it through photogrammetry software to obtain precise measurements and dimensions of the project site and generate accurate survey-grade models. Easily measure stockpiles and accurately estimate the amount of land that needs to be cut and filled, and account for actual site conditions during the bidding process.

Gain a competitive advantage and increased win rates

Leverage accurate and fast estimations to gain a competitive edge in the bidding process. Showcase your commitment to innovation and efficiency to potential customers, and include compelling visualizations in your bids to increase your chance of securing profitable projects.

Example

Challenge

- When bidding for projects involving excavations, it can be difficult to accurately estimate the amount of earth that needs to be removed

- In the case of the construction of a storm retention pond in Oregon, the ground was also wet, which made this even harder

Solution

- The contractor working on the pond construction uses DatuBIM for multiple projects

- In the case of this project, the grade control manager responsible for the project already started using DatuBIM during the estimation stage

- Initially, he flew a drone to capture and track cubic yards of materials that would need to be extracted for the new pond and processed these images using DatuBIM

- The company's estimators could then access the platform to calculate the volumes accurately for the bidding process

Results

- By using DatuBIM, the contractor could access and process the actual site information required to create a more accurate bid without future risks

- Moreover, they went on to win the bid and then use DatuBIM throughout the project lifecycle