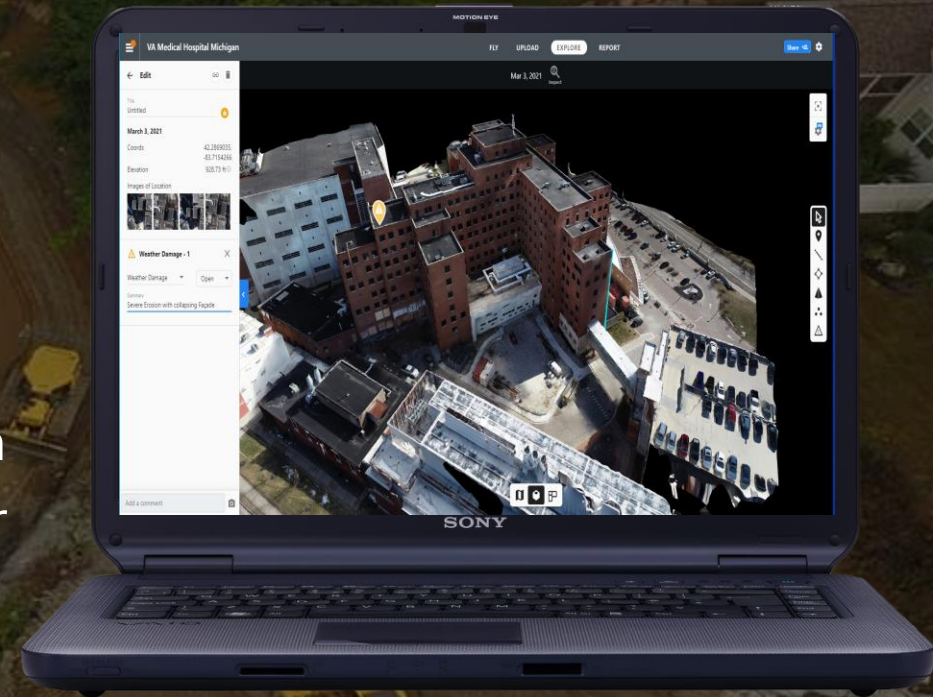


AVT Drones for Construction

We create accurate, high-resolution digital replicas with 3D models, real-time 2D maps, and 360 virtual tours for any construction site



Pre-Construction

Create an interactive site view including maps, photos, panoramas and videos



Construction

Create, document, and share a visual timeline with all stakeholders to keep teams on track



Post-Construction

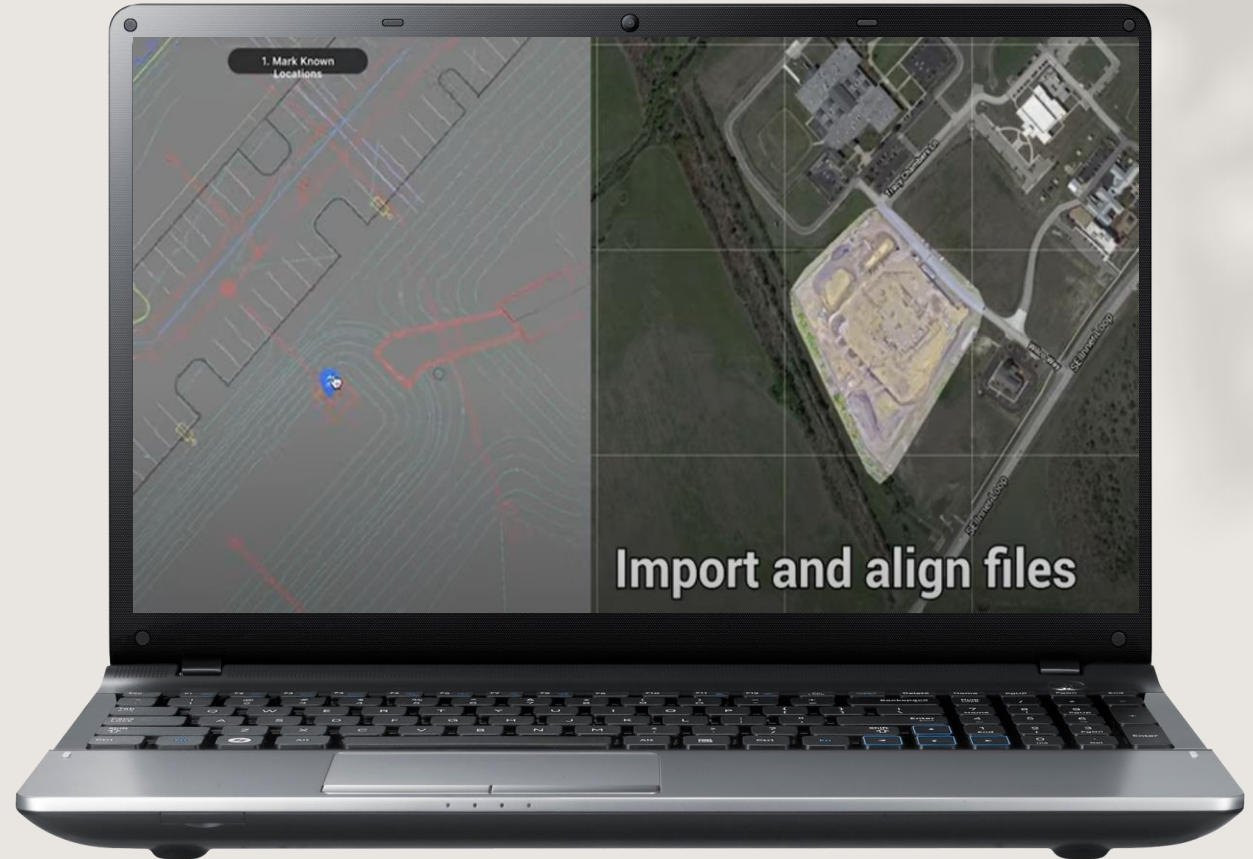
Document your entire job site safely using real-time aerial data

With AVT Drones, provide your entire team complete access to visual documentation throughout every stage of the project, from the initial bid to ground break through ribbon-cutting.

Save time, improve communication and reduce cost by using a mix of aerial and ground data to perform surveys, inspections and document every section of the job site. We provide full documentation into one easy solution. Our high-resolution scanning enables you to capture interior, exterior, ground and aerial data in a breeze providing in-depth analysis that keeps projects running on time, on budget and with greater safety.

Simplify Pre-Construction

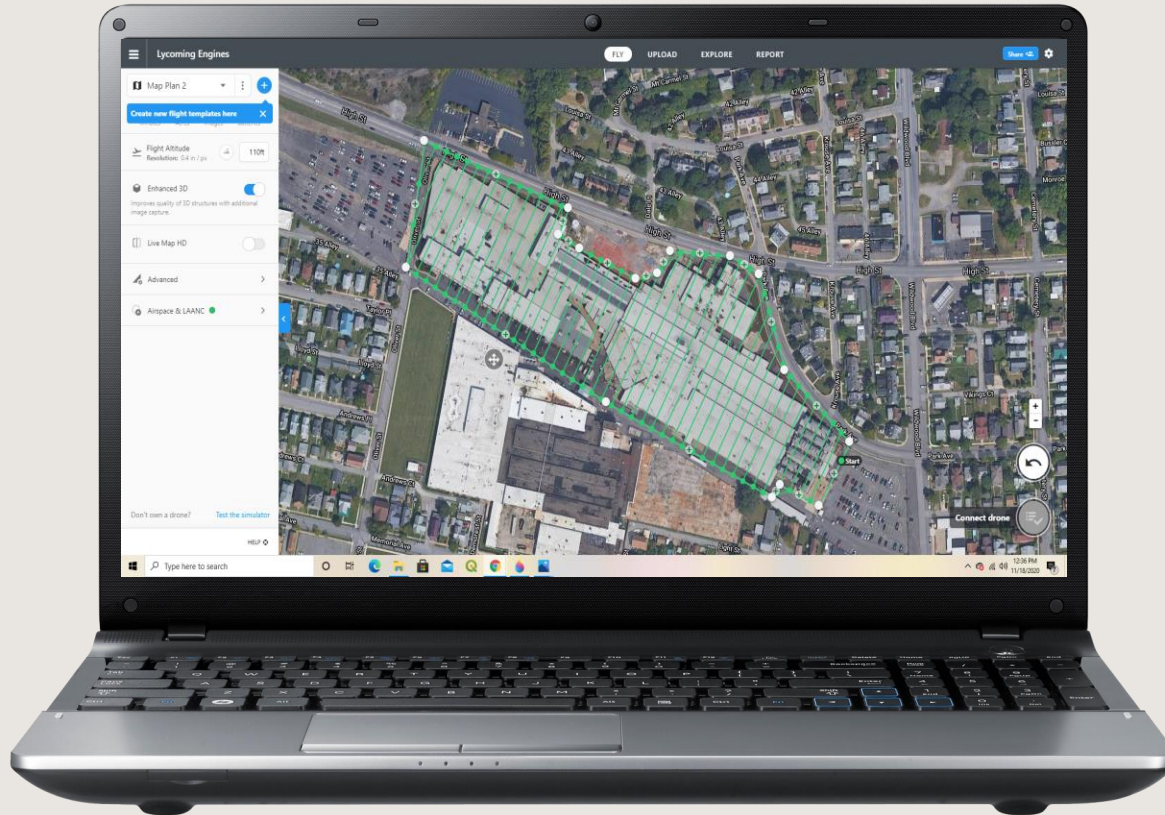
- Capture job site data in real-time with daily, weekly and bi-weekly flights
- Create a 360 virtual tour of your site to assist in planning, coordination and project communication
- Expedite the pre-construction process with increased data insights for better planning and design
- Win more bids and decrease cost on the backend using aerial DSM/DTM



[Learn More](#)

We've created a more efficient process of collecting and analyzing site data. We can literally take weeks out of the construction schedule while adding much higher quality insights.

Expedite Construction Projects



- Detect plan deviations during QA/QC by comparing real-time site reality to pre-construction designs from Procore, Bluebeam, Autodesk and PlanGrid.
- Track and easily communicate site progress at any stage of the cycle with daily, weekly or biweekly reports
- Quickly and accurately verify work with automated cut/fill analysis and side-by-side comparisons.



Engineer & Trades

With AVT you can increase the speed and efficiency of earthmoving projects with automated cut/fill analysis, stockpile tracking and daily, weekly or biweekly reporting



Project Managers

Keep projects on schedule with aerial progress reports and efficiently manage logistics with site reality capture



Owners & Executives

Both aerial and ground data allow you to stay connected to your project from home or the office without ever stepping boots on-site

Earthworks and Stockpile Reporting

AVT's Earthwork capabilities make it faster and easier than ever before to accurately measure the earthmoving needed to reach finished grade. This helps your firm win more bids, keep projects and worksites on schedule and share updated progress effectively across the entire communication platform.

We capture and process accurate drone-based elevation data in minutes to hours with immediate returns.



Surveyor

Decrease time-on-site and deliver accurate topographic maps in a matter of hours instead of day-weeks. Combine aerial and terrestrial scan data.



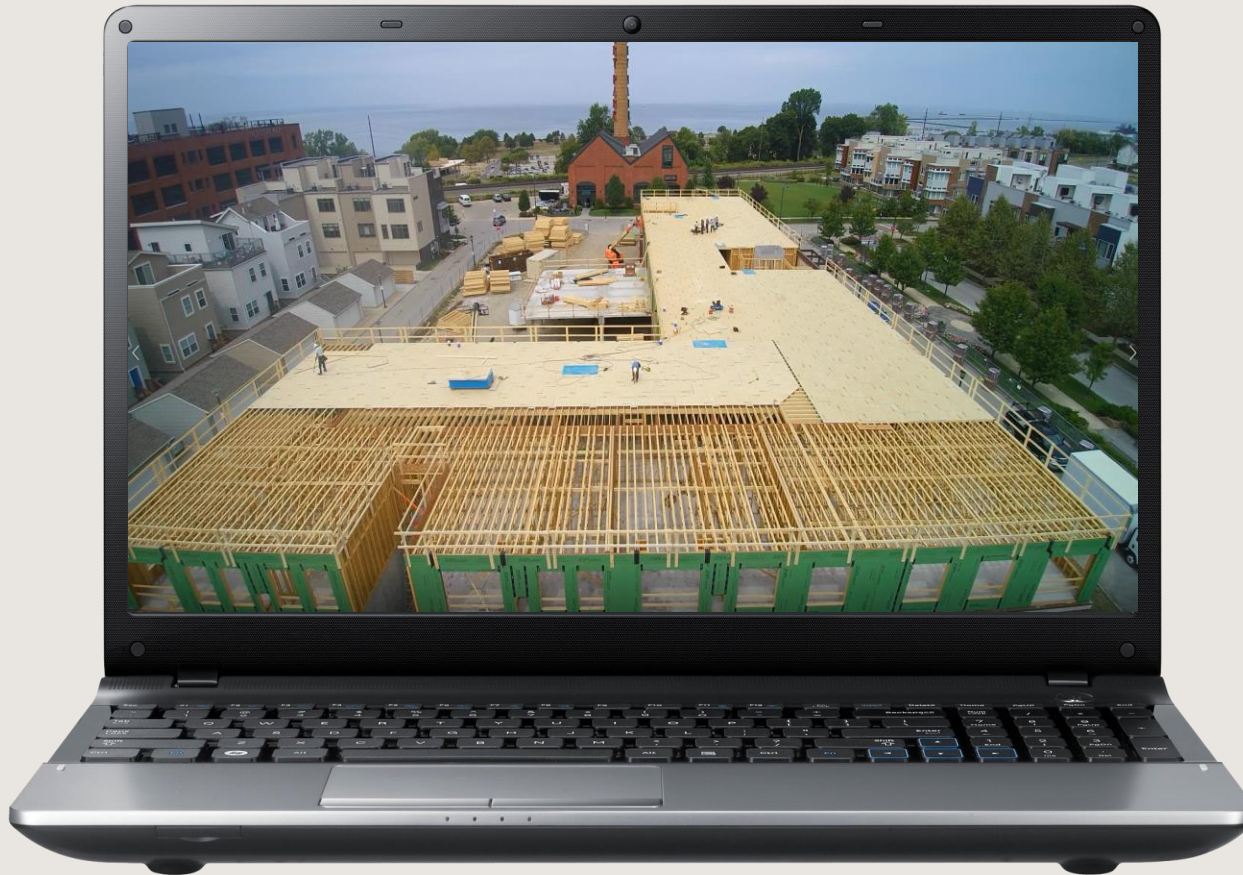
Superintendents

Conduct remote inspections with drone data by comparing aerial maps to design-plans to ensure scheduling and accurate progress



Virtual Design Construction

Save hours of time each week by implementing automated aerial and ground progress reports through AVT's software network



QA/QC and Inspection

By discovering an issue early in the project cycle, you can potentially save millions of dollars and avoid costly repairs, fines and litigation disputes across all your projects. AVT enables you to perform **safer, faster** inspections with accurate 3D model reconstructions of your job site.



Scale Your Operations With a Trusted Environment



Streamline Inspections and Quality Assurance

[Request a Quote](#)

Detect problems before they become hazardous and costly to your bottom line



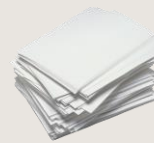
Reduce Risk

Inspect hard-to-reach or inaccessible areas of the project site without placing your team in harmful situations



Efficient Inspections

Conduct engineering, façade, project and other inspections in a fraction of the time using aerial and ground integrated data



Improve Quality

Fix issues faster with greater insights and visibility using aerial data. Combine terrestrial scans with drone scans for dense point clouds



Integrate Workflows

Extend your workflow with drone integration into CAD, BIM 360 and other software for a improved project communication

Capture the Whole Scene Safely

Our aerial mapping process allows you access to your data faster, safer and with more comprehensive insights than walking the site

- See hard-to-access places
- Consistent automated capture every flight
- Real-time imagery even in adverse conditions



AVT Drones provides companies the power to conduct inspections through 3D models and photos in one easy solution, helping to vastly improve communication between field teams and supervisors.



Resolve Issues Quickly

Easily collaborate and relay information with in-office administration and field teams

- Work off the same information by sharing projects with the entire team
- Add comments, address issues and mention individuals to resolve disputes or behind progress work
- Stay on task and up-to-date with email notification and projects screens



Scale Your Project Operations

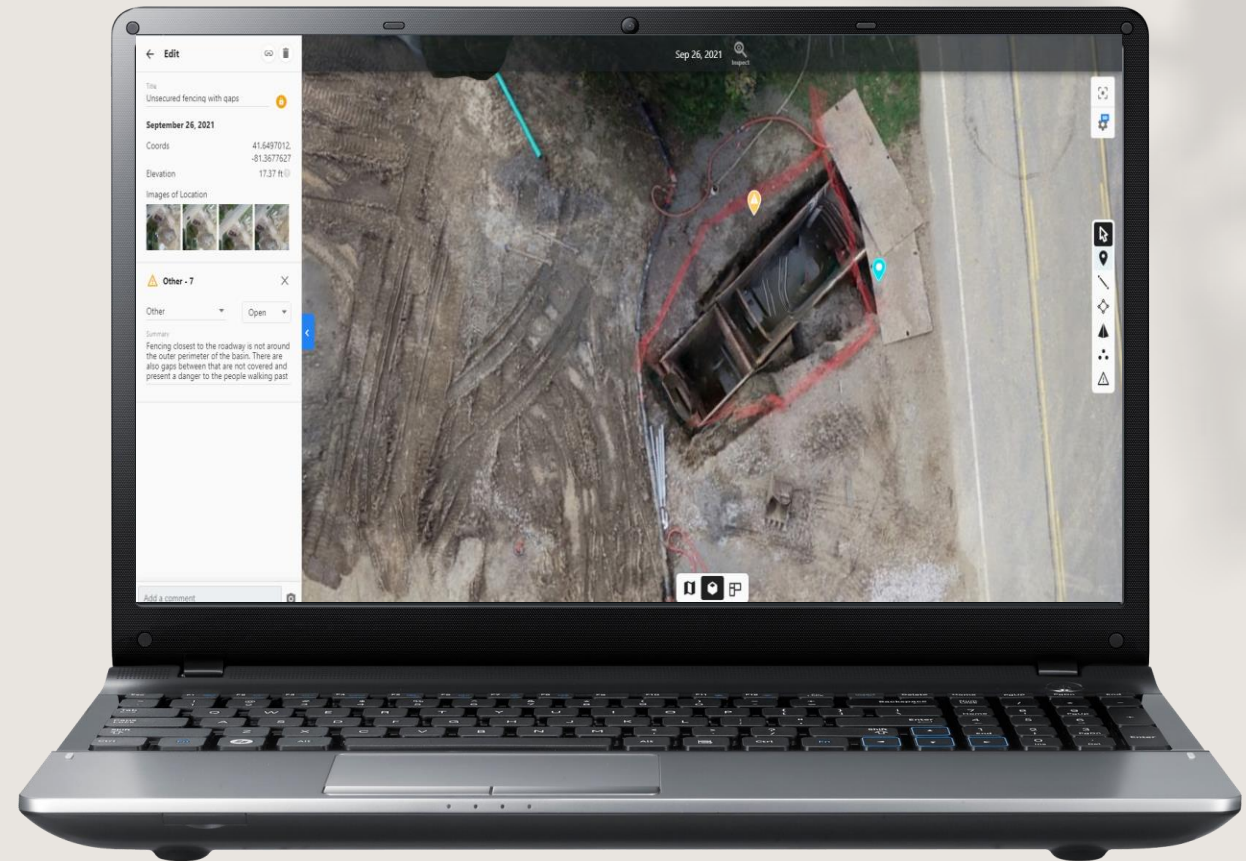
Learn how the AVT Drones Platform enables firms of all sizes to better scale their projects using aerial data



Close Project Issues With Confidence

Promote a culture within your team of accountability with visual documentation and a streamlined communication process

- Review imagery daily or weekly to check issue status
- Update and report goals, milestones and project advancements
- Integrate aerial data with your existing project document management tools for greater efficiency and confirmation

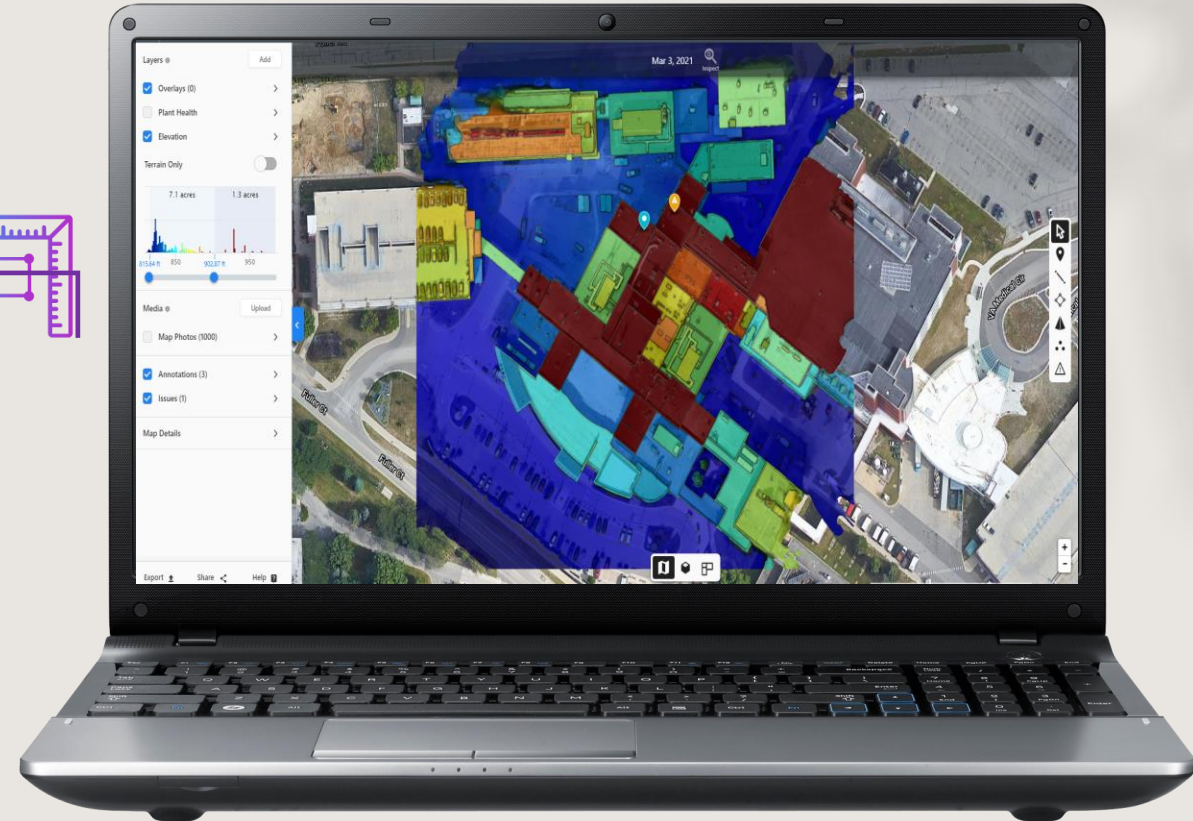


Explore how businesses like yours harness aerial intelligence for advanced site analytics

Accurate Measurements and Quick Reporting

Using aerial data, you can quickly assess progress, issues, measure and locate opportunities utilizing the full scale of a project.

- Accurately measure volume, slope, distance and area in minutes
- Evaluate site progress and validate subcontractor work with earthworks analysis and virtual surveyor
- Report value and quantify inventory of materials with stockpile reporting



Unify Your Data

Compare different data sets to gather richer insights over the project cycle



Collaborate from Anywhere

Connect with your team using an interactive visual record



Measure and Report

Measure volume, cut/fill, distance and area while generating professional reports



Automate Insights

Get the insights you need with automatic flights for stockpiles, materials and equipment

Take The Next Step and Contact Us



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