

## AIRPHRAME OVERVIEW

Airphrame manages a nationwide fleet of drones to capture very high resolution, real-time geospatial data. Similar to a constellation of satellites, customers can order spatial data anywhere, at anytime, without any equipment. We specialize in delivering the information you need to make accurate, analysis driven project decisions - without any technology investment or risk.

### Background:

Engineering professionals are challenged to make the best use of existing project data while also leveraging new technology to provide the highest quality and most cost-efficient analysis. Existing maps may be outdated, inadequate resolution, or of questionable accuracy. Acquiring new technology can be operationally challenging and a risky investment in terms of both time and money. Typically, engineers are required to supplement existing project data with field visits that drive up time and project costs.

Although project scope can vary widely, every project faces budget and time constraints in addition to project-specific challenges. This means that data solutions must be cost-effective, efficient, accurate, and scalable to fit each project's unique demands.

### Solution:

Airphrame solves this problem by delivering high-accuracy, high-resolution aerial imagery on-demand. Using advanced, state of the art processing software, Airphrame's final data deliverables include 2D orthographic maps, 3D point cloud models, and derivative products such as topographic contours, digital elevation models (DEM), and 3D mesh models. To produce results that are geospatially referenced, Airphrame can integrate survey data through ground control, as dictated by the size of the project area and level of resolution. All deliverables undergo a rigorous Quality Assurance protocol conducted by experienced, certified GIS professionals to ensure customers receive the highest quality data for their project. Data is then hosted on Airphrame's secure online platform, where it's made available for online viewing, analysis and download. All deliverables are compatible with GIS software.

To aid in the ordering process, Airphrame's Quote Tool provides instant, transparent cost estimates, regardless of project complexity. Orders can be submitted from that same tool, resulting in automated data collection with the industry's fastest turnaround time.



### Summary:

Airphrame provides a low risk solution for engineering professionals who rely on high-resolution spatial data to produce accurate analysis for their projects. Professionals can leverage Airphrame's technology across a wide variety of projects and depend on quality results.

[www.airphrame.com](http://www.airphrame.com)