



## About Us

Arbitrage  $\alpha$  Solutions is a full service visual data company providing high definition, geo-tagged, 3D, stitched imagery for commercial and personal applications.



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### Follow Us



# BlackSwift Technology

Arbitrage Alpha Solutions is proud to partner with BlackSwift Technologies to provide efficient and reliable unmanned aerial systems (UAS). The SwiftTrainer UAS can cover 600 acres per flight and produce high-resolution, GPS-tagged imagery. Arbitrage's FAA-certified UAS pilots develop autonomous flight plans that capture the visual data to develop precise land management solutions.



**Arbitrage Alpha is ready to fly upon request and capture precise images of any acreage to provide visual data solutions for your next project.**

## **Crop Insurance**

With an UAS insurance adjusters can measure loss due to weather incidents or pests over a large acreage. The UAS captures and stitches together images of the entire area, providing the adjuster with a unique and complete assessment.

## **Prescribed Burning**

Pre-burn UAS flights can develop a report of fuel load areas, terrain and fire breaks. Additional post-burn flights can monitor green-up and grazing availability.

## **Survey and Mapping**

The images captured with an UAS can be used to create 2D and 3D maps. Geo-tags enable the producer to easily locate features identified from an aerial point of view.

## **Real Estate and Land Auctions**

Selling or buying a property? Map the property and assess fences, buildings, roof conditions and property access with high-resolution aerial images.

## **Erosion Prevention & Landscape Management**

Understanding the optimal flow of water is easy and precise with topographical maps from Arbitrage Alpha. Geo-tagged points provide quantitative and qualitative representations of drainage for ditches, terraces and landscaping projects.

## **Precision Agriculture**

Combining remote sensing capabilities from the air and ground can produce a complete evaluation of post-emergence crops. Evaluating soil, seed and yield map profiles together enhances variable rate applications, which reduce input costs.

## **Precision Range Management**

Remote, real-time aerial imagery enables the producer to monitor livestock and pasture conditions across large acreages. Check the location of cattle, water availability and assess stocking rates efficiently with an UAS. Herd management has never been easier.

