

MPS | DRONE SERVICES

Company Profile



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Our Company Overview

AMPS offers Drones-As-A-Service as a unique concept by providing "turnkey drone solutions" to the industry. AMPS Drone Services is founded specifically to help customers avoid the capital expense and operating risks of establishing their own drone programs and to purchase drone support in a way which better fits their operations and cost profiles.

AMPS provides expert services for your organization's mission critical assets using drone technology. Through state-of-the-art data collection and analysis, and comprehensive program software, we are able to deliver transformative intelligence that optimizes mining operations, energy-, agriculture- and oil & gas production,



protects people & assets, and improves infrastructure, all while simplifying maintenance and management processes.

The benefits for our customers include:

- No costs for purchasing, installing and maintaining equipment such as drones, sensors, camera's, etc.
- No legal and administrative costs of training pilots, maintaining licenses and obtaining regional aviation certifications
- No Unmanned Aerial Vehicle (UAV) insurance

- Reduce the time surveyors and other personnel spend manually inspecting stockpiles, solar plants, electrical lines, mud lines, pipelines, tailing dams, pits and blast areas, construction installations/ areas.
- Minimize or avoid the hours spend on potentially dangerous manned ground security
- Improve efficiency of business and operations planning with timely inventory data and reporting

Mission

We strive to find the most beneficial solution to satisfy our customers and are committed to continuously improve our business partnerships.

Vision

To offer the most innovative, flexible, and cost effective drone solutions in on- and offshore industries, in order to optimize asset maintenance and support the company's management.

Values

In today's world, the rules of doing business are rapidly changing. AMPS believe that, while adaptability is key, our daily values must remain steady and consistent, regardless of circumstances. We act at all times with integrity, courtesy and discretion. These principles underpin our operating policies and our approach to suppliers and customers.

Our values are the cornerstone of what makes us who we are and the basis for everything we do.

Our Philosophy

Our philosophy is such that we will:

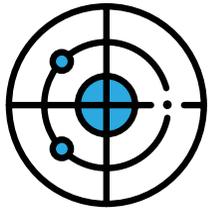
- Provide our services at the highest standards available in the market
- Deliver a level of service that exceeds our clients' expectations
- Develop and embrace new technologies and techniques to the advantage of our clients and our business
- Ensure the company's services conserve the integrity of the environment
- Educate & train the youth interested in this growing field, thereby contributing to the community and their development at-large



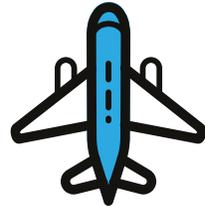
Our Work Process

We work closely with our clients from project initiation to project end. While projects differ on timeframe and budget, the steps in the process tend to stay almost the same.

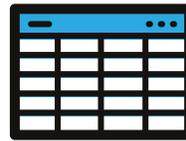
Prior to project initiation, we work with our client to establish a budget that will reflect a cost effective approach for the project's goals and objectives. Then, we coordinate all aspects of the project to ensure that the technical resources are allocated to the timeline so that the project is on time and within budget.



Assesment



Deciding Outcomes



Planning



Intervention



evaluation



Mining

AMPS Drone Services has developed an automatic, on-demand solution for collecting aerial data in mining facilities without the logistics involved in drone operations.

It's no secret that the world's largest mining companies are investing immense resources in finding technological solutions to increase efficiency, improve safety and streamline operations.

Drones are becoming an integral tool in this transformation, replacing manual inspections in the most hazardous areas and collection of critical information, while drastically reducing the time and manpower required.

AMPS Drone Services provides a direct connection to aerial data and new levels of insight. This service streamlines operations, increases efficiency and offers immediate, easy access to the required data.

AMPS Drone Services provides critical information in the following areas:

- Stockpile volumes and end-of-month reconciliation
- Terrain mapping and change detection
- Asset management and scheduling
- Situational awareness and emergency response
- Infrastructure and equipment inspection
- Security and surveillance

Energy & Utilities

Energy industry sectors like Oil & Gas, Solar and Wind rely on inspections to maintain safety standards to effectively power the world, but those inspections can take large amounts of time and money to carry out.

With drones flying overhead utility sites, damage on everything from wind turbines to solar panels can quickly be identified, preventing potential problems before they grow. With information collected by a drone, abnormalities and damage can be quickly pinpointed, progress can be monitored, and everything from orthomosaics, to elevation data, and 3D maps can be created.

A drone's ability to inspect areas that are hard to reach, as well as save on expenses and insurance can help companies better manage their properties and gather more accurate information than ever before.

With reduced inspection times, operators can focus more on the information at hand and get a better picture of their operations. They don't need to spend a bunch of money, time, and days looking at something that can be done in a couple of hours with a drone.





Industrial

AMPS Drone Services has developed an end-to-end solution that addresses the multi-dimensional needs of industrial facilities.

Industrial facilities such as chemical plants, refineries and manufacturing sites, must constantly monitor and maintain systems and infrastructure to ensure continuous productivity, safety, and efficiency. For the operator and manager, this means overseeing thousands of critical processes, while constantly facing operational threats such as equipment failure, security breaches and disasters.

AMPS Drone Services' end-to-end solution provides industrial facilities with unlimited aerial data, delivering diverse insights to support operations throughout the site. The platform provides customized flight plans, on-demand responsiveness and reliable data harvesting that benefit industrial sites in the following areas:

Inspection

- Up-close imagery of critical plant infrastructure
- Gas leak detection
- Critical equipment and process monitoring

Security

- Dynamic perimeter surveillance
- Intruder alerts
- Visibility far beyond the fence

Emergency Response

- Rapid aerial incident investigation
- Evacuation monitoring
- Remote hazard detection

Construction

AMPS Drone Services provides aerial photography and drone video services for Construction, Dredging projects, Energy sites and more. Construction site aerial photography helps keep projects on schedule and on budget.

With aerial photography, stakeholders get a comprehensive overview of the jobsite from planning to completion, visually documenting and monitoring activities along the way. This comprehensive overview aids in robust project and time management, saving dollars and pleasing clients.

Drone photography and video also provides a safe vehicle for site inspection, delivering real-time data from dangerous areas and helping contractors mitigate problems before they worsen. By using drone photography in construction projects, AMPS Drone Services provides contractors and site managers an affordable method for obtaining actionable information and visual collateral that leads to smarter business decisions throughout the construction process.





Real Estate

AMPS Drone Services offers many advantages for residential and commercial properties. Today's real estate professionals use drone footage to maximize leads and sales, and manage projects and properties more efficiently.

Aerial imaging in commercial real estate development and property management makes it easier to select, build and manage properties. From site selection to enhanced marketing, drone aerial real estate photography saves time and costs.

Agriculture

AMPS Drone Services provides aerial drone photography services for Farming, Forest and Land Stewardship, Livestock Management, and more.

AMPS Drone Services support precision agriculture. In agriculture, growers must cut costs while maximizing the land's economic production. Working around elements like weather patterns and land movement can be a major challenge, especially over hundreds or thousands of acres of land with different ecologies, assets, and environmental obstacles.

AMPS Drone Services help growers apply Precision Agriculture techniques for better crop and livestock management.

Drones provide farming photography and video data, covering large land areas quickly to pinpoint where actions are needed. Drones deliver real-time feedback on soil, plant, moisture and topography to help maximize yield, avoid waste and bring more to your bottom line.



Waste Management

Environmental engineering and sampling companies are using UAVs to deliver real-time data to landfill management so they can operate the landfill as efficiently as possible.

Drones are proving to be a more cost effective, safer and faster alternative to traditional manned flight methods of collecting landfill data.

Drones are also being used to produce high resolution 3D models of landfills. These models are being used to consistently monitor how the landfill is changing over time, allowing the management team to avoid potentially hazardous and costly issues.

One large benefit of drones is the ability to create 3D models and geo-referenced photos. This means that large areas can be surveyed using orthophotography, the process of when an aerial photograph is geometrically corrected (“orthorectified”) such that the scale is uniform: the photo has the same lack of distortion as a map.

Beyond landfills drones are proving to be a valuable tool for other forms of waste management. Coastal communities are using the aerial photos to monitor litter on their beaches. Drones are also being utilized to monitor illegal disposal of industrial waste.





Emergency Services

AMPS Drone Services provides aerial drone services for Emergency Response, Rebuilding & Recovery, and Insurance Assessments.

Drones in emergency situations safely provide comprehensive visual data from hazardous areas, helping rescue crews respond proactively rather than reactively.

Aerial drone services can be hugely beneficial during times of disaster. When lives are on the line and the environment is hostile, drones provide a quick and protective method for search and rescue teams to find survivors, assess danger, deliver supplies, and more. Additionally, the aerial data gathered by drones can be leveraged for pre-incident and post-disaster planning, helping recovery teams and insurance providers mitigate high-costs and tragedies before they happen. Drones are a cost-effective tool for rapidly gathering data-driven insights that keep people safe, no matter what environmental factors are at play.



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