

Identified Technologies

Aerial Mapping Drones

October 26th, 2015

There are many factors involved for a start up business to be successful but it all starts with an idea that provides a solution. Identified Technologies CEO, Dick Zhang, came up with his idea while working with drones at the University of Pennsylvania's GRASP LAB. Drone technology is rapidly changing and becoming more affordable in the private sector but Zhang and Identified Technology's innovative ideas provide a solution for some of the biggest unmet industrial needs that drones could fulfill.

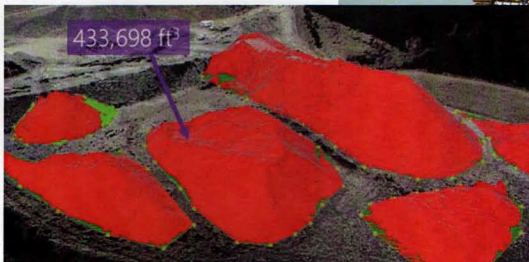
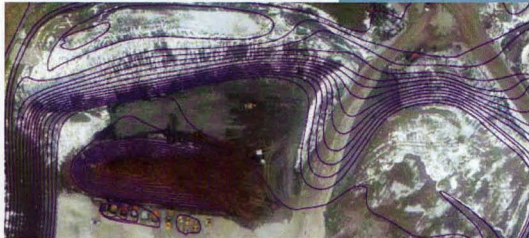
After working with early partners and clients Zhang learned that everybody wanted the data off the drone but nobody wanted to learn how to fly, maintain, repair, or take responsibility for the drone. This revelation inspired him to build a turnkey system that would take care of itself and act as an automated data collection tool instead of as a traditional manual drone.

Their fully autonomous self-piloting Boomerang™ drone takes off on it's own, flies the area and captures the data, lands itself in the Launchpad™ dock, uploads its mapping data to the cloud for analysis, and swaps and charges its batteries - all by itself, living on the jobsite. Other systems require staff time and training to do these tasks manually. Identified Technologies offers the only mapping system that does not require human interaction to operate or maintain. This efficiently scalable solution

allows for better decisions with more frequently updated job site information.

The mapping and inspection work that they offer via drone, would otherwise have to be done manually by humans in a wide variety of dangerous situations. For example, they provide a practical and safe solution for inspecting leaking gas pipelines, garbage landfills, damaged electrical lines, mines which could cave in, toxic waste dumps, hazardous uneven ground littered with dangerous power machinery, and slag or aggregate piles at risk of land slide.

Contour Lines



3D Volumetric Analysis



Identified Technologies delivers big insights for big jobs by automating energy, mining, and construction site monitoring with self-piloting mapping drone systems.

Identified Technologies

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With their system, clients receive data 200x faster and 60x more frequently than with past alternatives. Businesses are now operating significantly more efficiently, equipped with continuous automated job site monitoring, mapping, and analysis.

Identified Technologies was incorporated in 2013 and their staff brings together experience from Caterpillar, SAP, Hewlett-Packard, Bristol Meyers Squibb, the University of Pennsylvania, Tepper School of Business, and Carnegie Mellon Robotics. If you are interested in Identified Technology's services contact their Senior Business Consultant Jeff Black at JBlack@identifiedtech.com or 724-288-7500.