

Delta Companies Inc., one of the Colas USA subsidiaries, is a site development and highway contractor specializing in asphalt paving and road construction materials. Based in Cape Girardeau, Missouri and operating in southern Illinois, northeast Arkansas, and southeast Missouri, Delta is a technology leader using a drone and analytics system for mine planning and inventory.



Mine Planning

Plan how much to open for reserves on each site each year.

Determine how much overburden to remove to access material by specific ledge.

Develop work plans quickly to work around unexpected geological structures.



Inventory Management

Accurate and frequent measurement of stockpile inventory.

Ensure that production aligns with demand for specific products.

Confirm availability of stockpiled product for sales.

2.4k⁺

Stockpiles
Measured Per Year

164

Missions
per Year

15

Kespary
Cloud Users

“

We do like the drone technology. Not only is it safer, but it's quicker and more accurate.

Don Rosenbarger

Manager, Business Development | Delta Companies



Accuracy

Frequent and accurate data minimizes discrepancies in inventory measurement, and provides easier financial reporting.



Safety

Fly the Kespary drone from a safe location to keep employees away from big, heavy equipment and dangerous high walls.



Efficiency

Use the system as often as desired and access data the same day compared to hiring a plane and waiting days or weeks for results.

Commitment to Core Values

Integrity

“ The Kespry information is shared with our managers and salespeople responsible for our various quarries. We never want to make a commitment that we cannot honor. That’s one of our core values. With integrity, we say what we mean, and we mean what we say. So if we tell you that we’ve got product, we have it. If we tell you we don’t, we don’t have it.

Don Rosenbarger
Business Development Manager | Delta Companies



13

Minutes Average
Mission Time

5

Weeks Faster
Inventory Measurement

12x

More Frequent
Measurement

Safety

“ The Kespry Drone keeps us away from high walls and big equipment. We have seventy-foot stockpiles in places. Without Kespry, we’d have a guy climbing on the stockpile with a survey rod trying to get the points he needs to accurately measure the stockpile and get all the different contours of the stockpile, versus the drone just flying over. There’s no risk of rolling down the pile and breaking a leg or getting hit by a haul truck. I can set up and fly from a safe location as opposed to having to walk around and get points with a mobile GPS system.

Drew Hoover
Project Engineer | Delta Companies

