APAC-Central, Inc. + kespry

APAC-Central, Inc., an Oldcastle Company, is an industry leader providing materials including aggregate, asphalt, sand, stone, ready-mix concrete, and high-quality pavement construction and services. APAC-Central uses Kespry to transform Mine Planning and Inventory Management.

Mine Planning

Fast and reliable quarterly progress updates for 30 site operations.

3D Models and accurate topographic information for each location.

Accurate and easy measurement of stripping and blasting operations for reserve model verification.

Inventory Management

1 Person flying the Kespry Drone gets better results than 3-5 People walking and climbing stockpiles.

Better resource management and faster results as hours of work is complete in 30-minutes and data is available the same day.

Increased safety by eliminating the need to climb stockpiles.

520
Flights in 2 Years

612
Stockpiles Measured

17.8K
Acres of Imagery Captured

"I'm confident in the data. We're getting the accuracy that we need and it's making things a lot easier and faster. It's the way we're going. It's the way of the future.

David Lloyd
Mine Planning Engineer | APAC-Central

Efficiency

Kespry data collection is fast and easy giving APAC more time to optimize extraction rates and production levels.

Safety

Engineers at APAC are performing their jobs safer, as the Kespry Drone eliminates the need to climb on top of stockpiles with risk of slipping and injury.

Speed

APAC collects data more frequently across all 30 site operations dramatically improving quarterly updates to get a complete view of the APAC business.

Accuracy

APAC-Central relies on the survey-grade accuracy of Kespry data for critical mine planning decisions and inventory management reporting.

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Kespry Cloud Promotes Shared Access to Information

The Kespry Cloud empowers anyone in the company to have access to standardized data that is easily shared among mine operators, sales, finance and all executives in the company. APAC-Central uses Kespry to provide **data sharing and seamless data export** to integrate with APAC's existing mine planning software.

30

Hours of Work Reduced to 30 Minutes

1

Person flying Kespry Drone is more effective than 5 people walking inventory piles

30

Locations across Arkansas, Oklahoma, Missouri and Kansas

Analyzing Reserves – An Innovative Alternative to Core Sampling

APAC wanted to calculate reserves in an inactive pit to determine if it was worth the cost to work that site again. In the past, they would need to hire a core-drilling crew, drill holes, hire geologists to log the holes, convert data, and then generate a model for the analysis. The process would have taken 2 weeks and more than $10,000. Instead, David used his Kespry Drone to fly the high wall at the site, picking up geologic data in a 3D Point Cloud. The flight process took just **one hour onsite, plus a couple hours in the office** with data in the Kespry Cloud to produce a geologic model and core sample.

"People are surprised that I can get the data so quickly. I really prefer where we are compared to where we were. Kespry made data acquisition a lot easier, I can spend more time on modeling than out on the field collecting.

David Lloyd
Mine Planning Engineer
APAC-Central