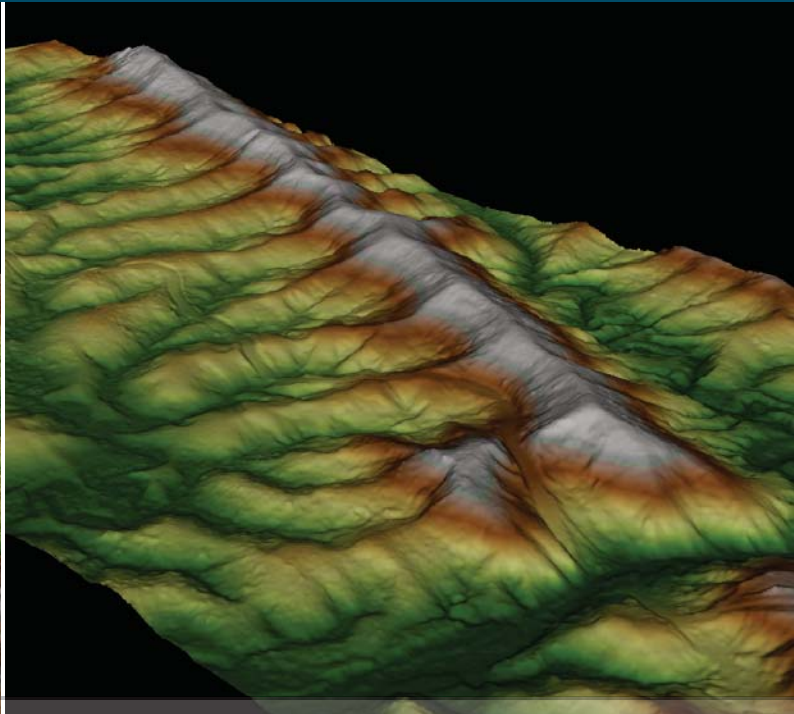
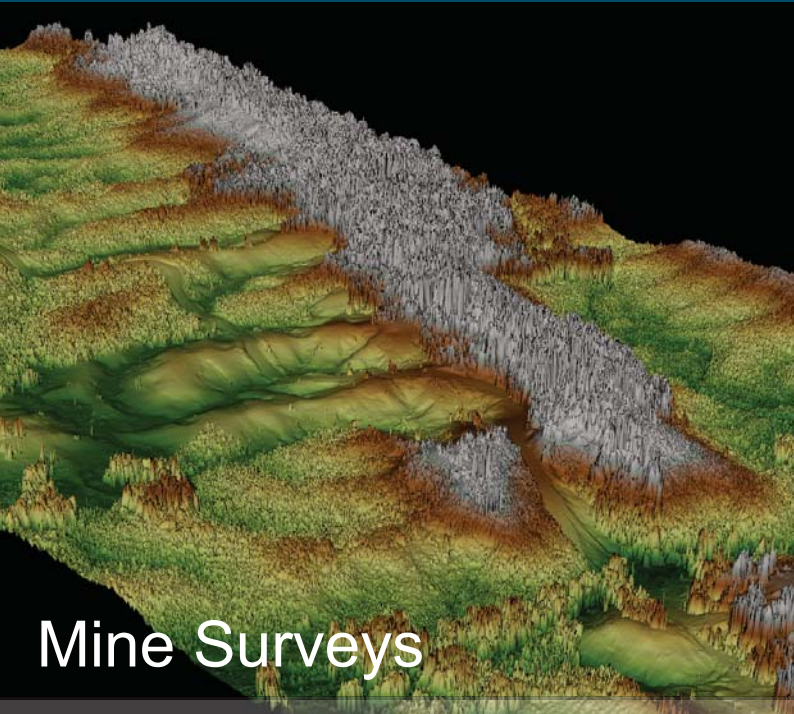




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Mine Surveys

CASE STUDY-I

Client	: Confidential
Location	: East Kalimantan, Indonesia
Area	: 100,000 ha
Data Collection	: 55 flying hours
Project Value	: Confidential
Data Delivery	: Priority areas within 4 weeks after completion of flying. Full data set completed within 8 weeks of data capture
Product Delivered	: ASCII XYZ ground points and 15 cm resolution Orthophotos
Data Used for	: Planning of mine site, design of haul roads, planning of further exploration
Project Details	<p>: Surtech's client chose Airborne Laser Scanning (ALS) as the ideal surveying method to scan their large mine site in a remote area in East Kalimantan. Initial mine work had commenced in the area; however, a large portion was still in the design and exploration phase. The ALS penetrated the dense vegetation covering the survey area to produce a 'bare earth' model.</p> <p>It was important to the client that mining activities are not disrupted during the data collection process. Since ALS requires limited ground control, work in the mine continued as normal. Data was captured during both cloudy and sunny weather conditions minimizing downtime. The final result delivered to the client included a point cloud with an elevation accuracy of 15 cm or better at an average density of two meters between points of the entire site.</p>



Airborne Laser Scanning