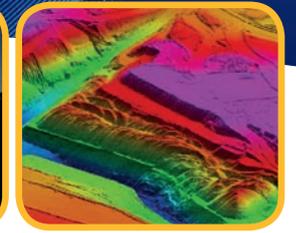


MINING CAPABILITIES



About AAM

AAM is a leading professional services company operating with teams in Australia, New Zealand, Malaysia and South Africa. AAM has a long standing reputation for its work in mining and engineering and for adopting the latest technologies to meet client needs. We are renowned for our work on large projects in remote locations and often in situations presenting significant technical challenges. With our own aircraft and geospatial experts strategically located in Australia's east and west coast mining regions, we are able to respond quickly and efficiently, and are with each client at every stage of their project.

Safety, Environment and Quality

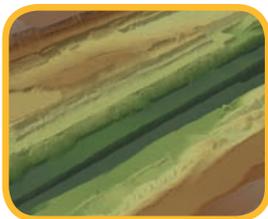
AAM has adopted a target of Zero Workplace Injuries and is committed to the protection and well-being of the people, communities and environments in which we work. AAM is committed to maintaining our ISO 9001: 2008 quality certification in order to meet internationally accepted standards for quality management. The quality culture in AAM embraces a philosophy and work approach that is client focused and process oriented.

Services in Detail:



Aerial Imagery

AAM's diverse range of aerial survey technologies ensures the best tool is deployed to suit the accuracy, timeliness and scale of a client's project. We own our own aircraft, which benefits our clients as we have the ability to respond quickly and efficiently to eliminate any delays with projects. AAM remains a leader in the field through continuous investment in the latest imaging technologies including digital mapping cameras.



LiDAR

AAM introduced LiDAR to the Australian market over a decade ago and has completed more than 500 LiDAR surveys. Airborne Laser Scanning, or LiDAR, creates highly accurate and detailed models of the Earth's surface. LiDAR produces a dense cloud of points that are classified as ground or non-ground points. These measurements are further processed according to client specifications. Typical datasets include natural surface terrain, buildings, vegetation, contours and 3D models.



MINING CAPABILITIES



SiteSee

SiteSee is the latest tool in safety that is being utilised in mining and engineering sites around Australia and the world. SiteSee generates a virtual 360° tour of an area, which reduces the need for onsite visits. This is beneficial to engineers and surveyors as it allows them to visualize hazardous sites from the comfort of their own desk.



Satellite Imagery

AAM utilises high resolution satellites such as GeoEye-1, IKONOS and RapidEye. These satellites are continuously orbiting the earth, capturing submetre imagery. Stereo images can be ordered to create digital elevation models and contours. Imagery, simultaneously captured in panchromatic, natural colour and near infrared, can be processed with terrain data to generate accurate, georeferenced and GIS ready orthophotos.



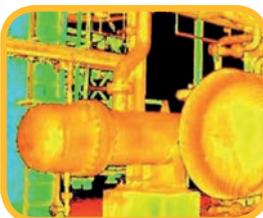
Land Survey

AAM surveyors provide ongoing support throughout the life of your project. We help develop, implement and document the most appropriate spatial strategies to maximise project benefits. Our technical solutions are founded on the scientific principles of geodetic surveying. AAM can provide tailored solutions for various stages of a client's project, from exploration through to mine rehabilitation, and every point in between.



Industrial Survey

The adoption of 3D data modeling in a range of industries has, in turn, led to an increased demand for terrestrial laser scanning for deformation and 'as built' surveys. AAM can produce highly accurate 3D models of sites, which dramatically improves the design and construction quality. This eliminates rework by getting it right the first time.



Terrestrial Laser Scanning

Terrestrial Laser Scanners permit the rapid capture of millions of accurate 3D point data from a safe distance. This data can be modeled or used in raw form for clash detection against designs. Our experience includes large industrial plants, offshore platforms and other complicated structures.



Photogrammetry

AAM uses state-of-the-art mapping equipment combined with diverse, specialist knowledge. These mapping resources successfully meet the most challenging photogrammetric mapping and orthophoto requirements.

