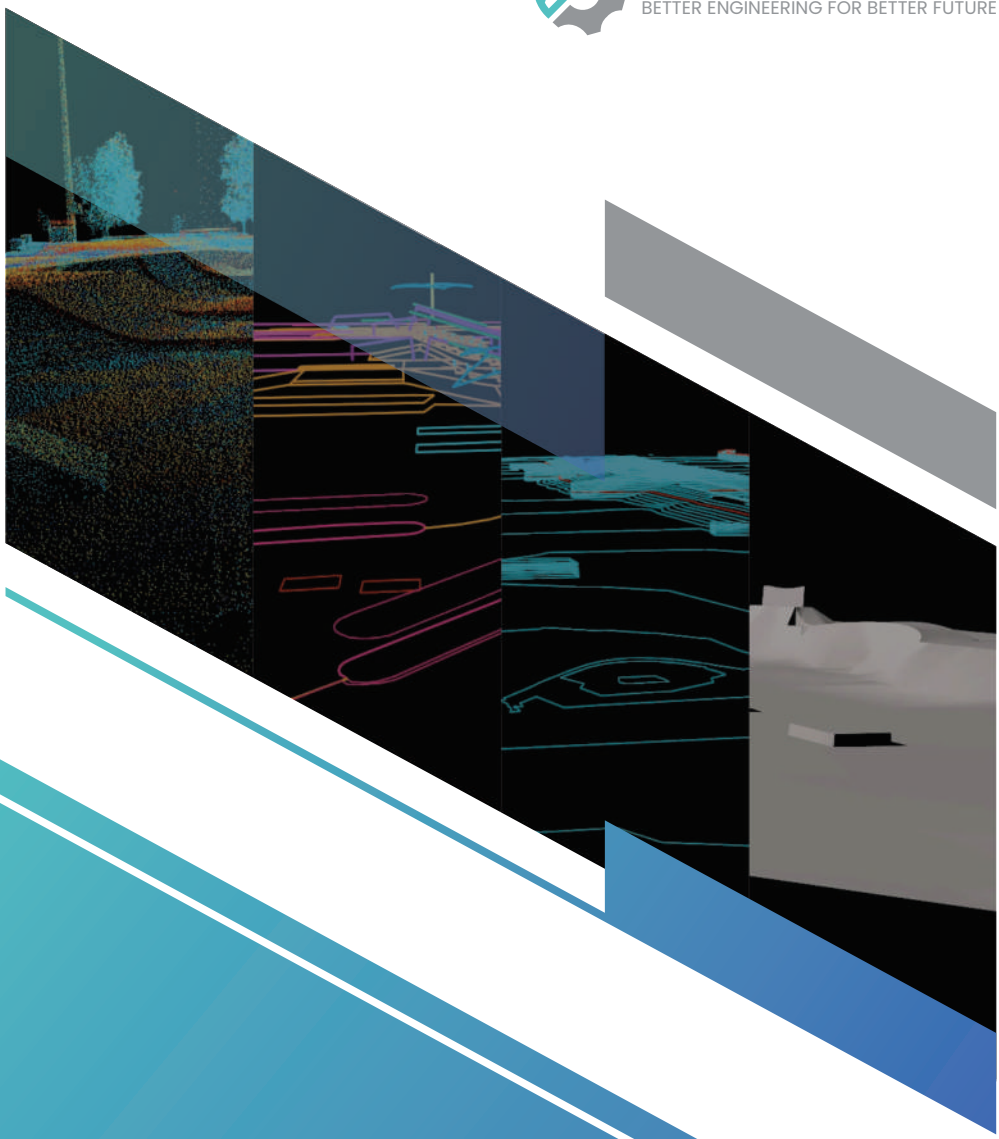
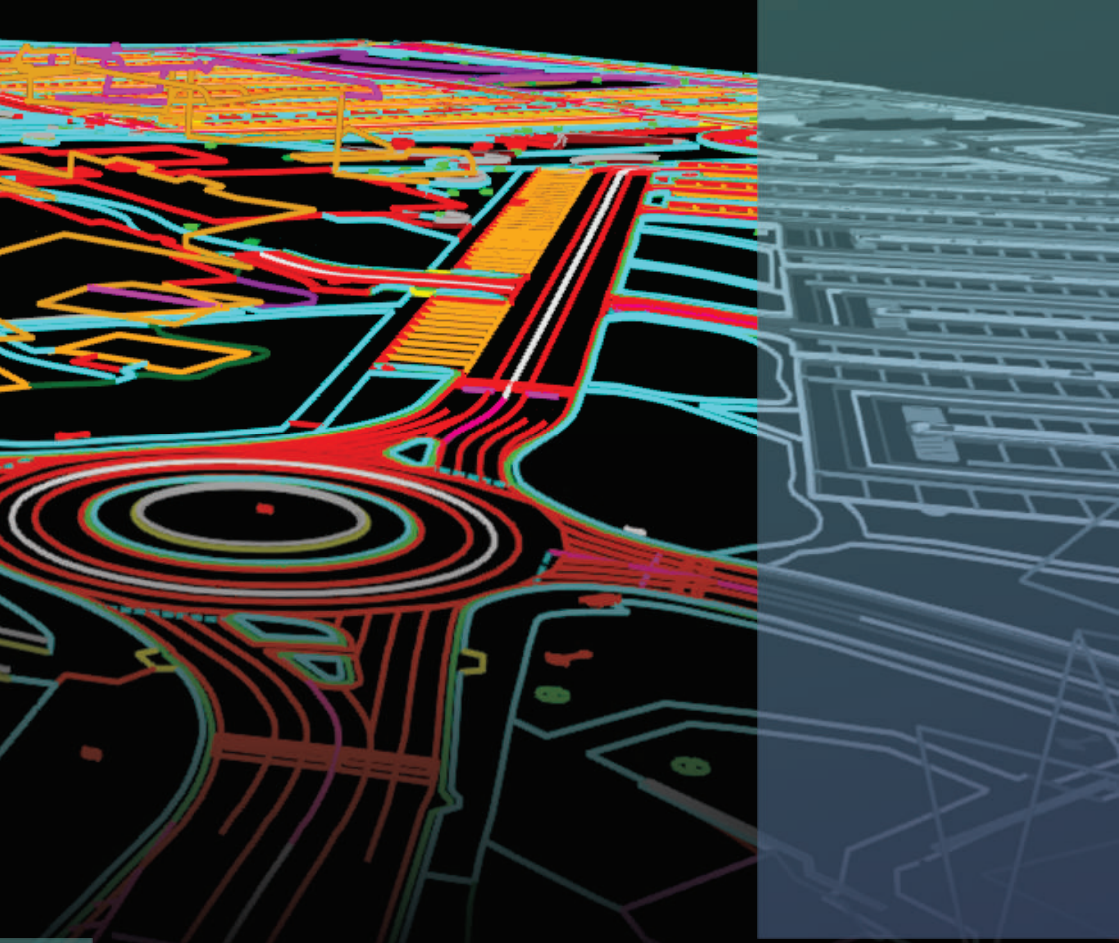
ASPAC GEO SURVEY
BETTER ENGINEERING FOR BETTER FUTURE



COMPANY PROFILE



ABOUT US

ASPAC Geo Survey is a company specializing in the utilization of LiDAR data, covering data acquisition, followed by data extraction and analysis for various purposes, including infrastructure, area extraction, mining, tunnels, and Building Information Modelling (BIM).

LiDAR technology holds significant potential for optimization, and, therefore, we are committed to continuous innovation and expanding the use of LiDAR across various fields.

TABLE OF CONTENT

HISTORY

On February 16, 2018, ASPAC Geo Survey was established in Bandung as a company focussed on survey and infrastructure. Additionally, ASPAC Geo Survey aims to enhance the quality of survey activities, particularly in Indonesia.

In 2019, considering significant growth, ASPAC Geo Survey decided to relocate to the capital city, Jakarta, recognized as the center for economic and governmental activities, to further expand its operations. The commitment upheld by ASPAC Geo Survey is to consistently deliver the best results in every entrusted project.

In 2021, the company moved to BSD, specifically in Sampora, Tangerang Regency. BSD is a prominent business center around Jakarta. With the continued trust of our clients, we have been entrusted with more projects, including those of larger scales, reflecting the confidence in our capabilities.

VISION

To become a leading company in the field of surveying and geospatial services by utilizing the latest knowledge and technology, and to be the first choice for national development.

MISSION

Providing quality surveying and geospatial services for the country based on the latest knowledge and technology.

Contributing to the nation by offering consultancy services and developing professional expertise.

Establishing high-quality learning environments and research centers.

Consistently building strong and independent organizational governance, resources, and organizational culture.

COMPANY VALUES

RESPONSIBLE
The company and its employees are responsible for all outcomes of their work and behaviour.

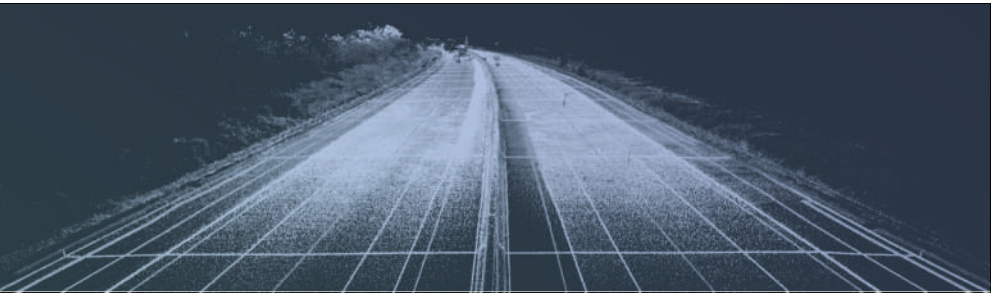
INTEGRITY
The company and its employees uphold high honesty standards in carrying out all tasks both professionally and in their daily lives.

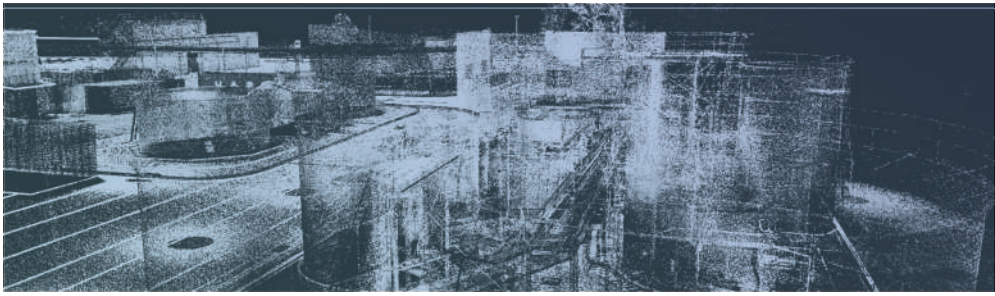
QUALITY
The company and its employees consistently prioritize the quality of their work to produce the highest-quality results.

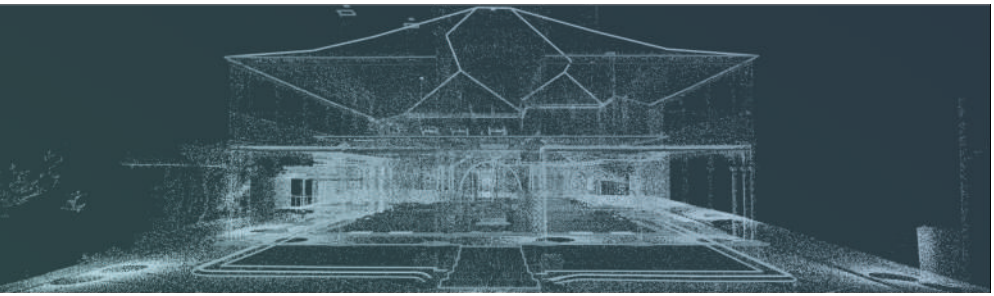
SUSTAINABLE
The company and its employees must always produce work that can be used for an extended period without posing any risks.

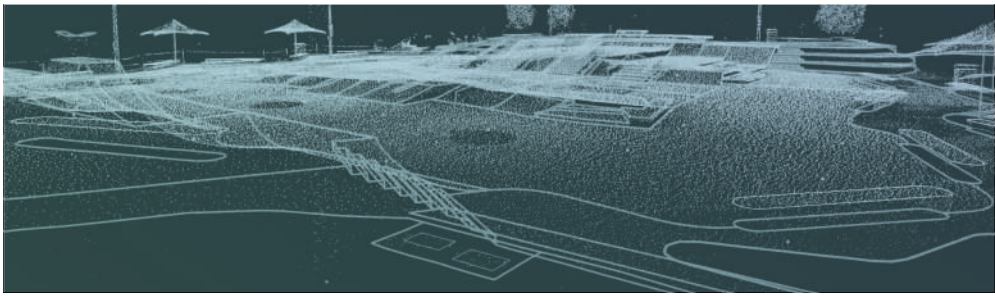
INNOVATIVE
The company and its employees must consistently think and work innovatively to generate the best possible outcomes.

FAMILY
The company and its employees are one family within a community; to produce the best work, they must prioritize taking care of the family/community to the best of their abilities.



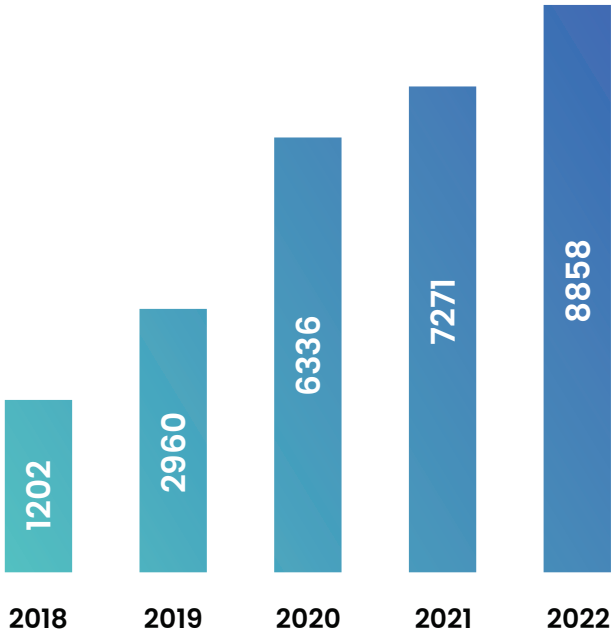






COMPANY PORTFOLIO

We have over 5 years of experience in LiDAR data extraction. By the year 2023, we have been entrusted with over 230 projects from various regions, particularly in Australia.

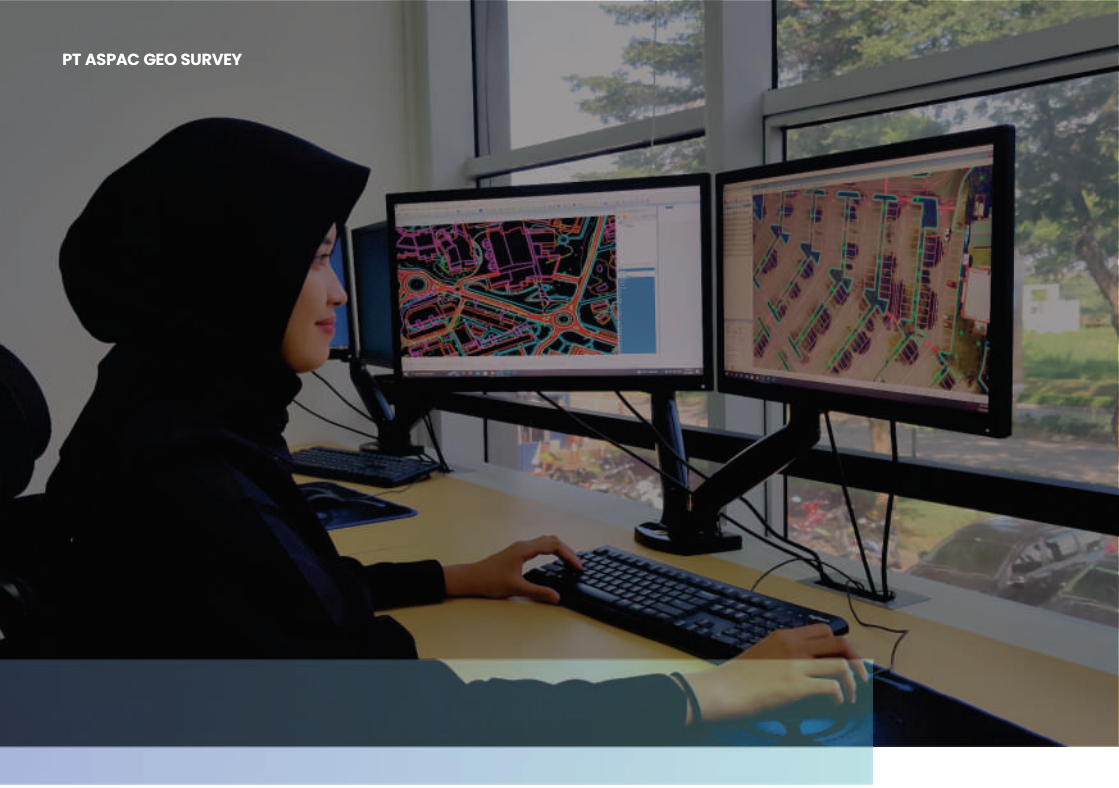


Accumulation of Annual Working Hours

STRATEGIC PARTNER

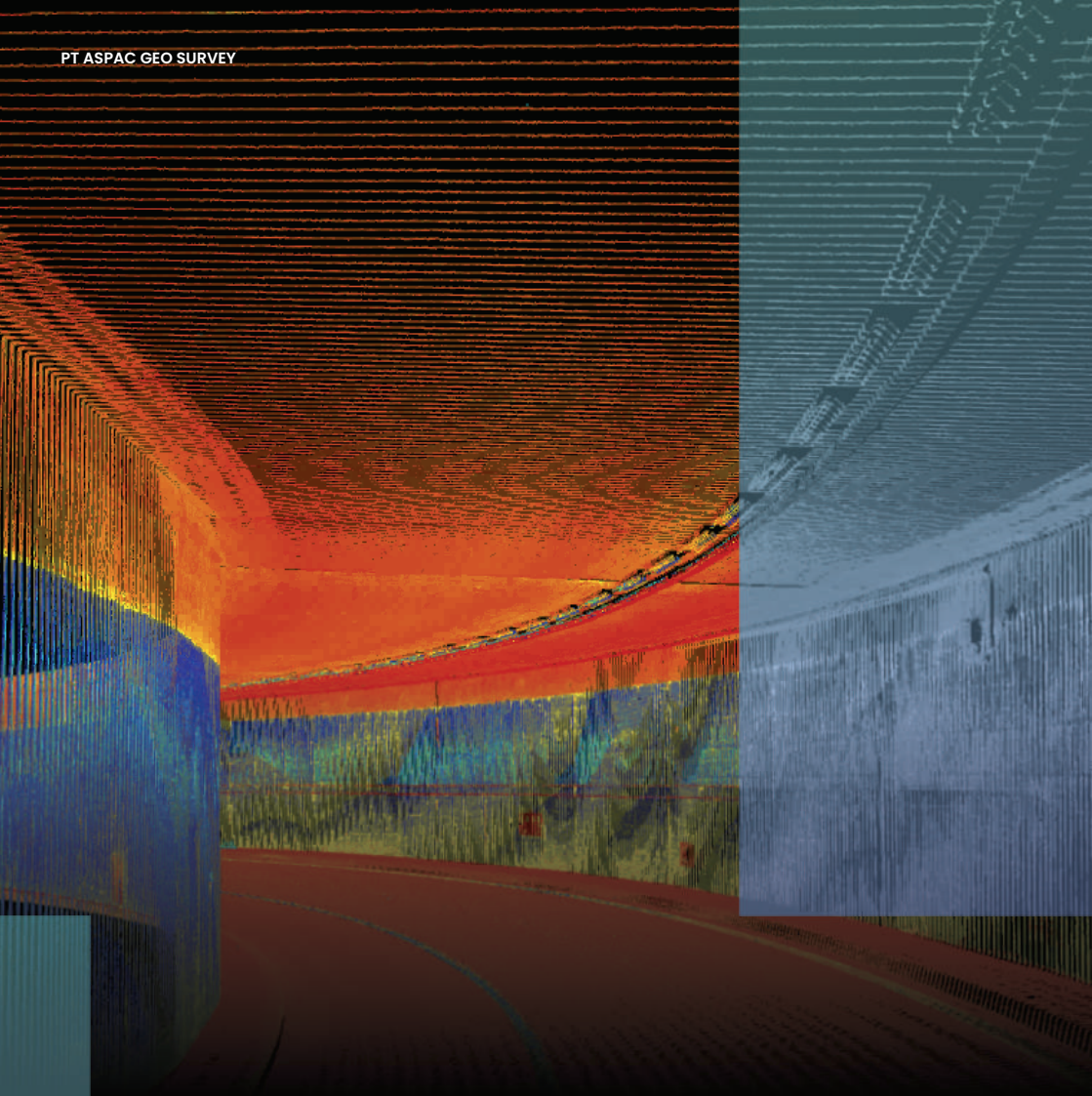
We have a primary partner with whom we have collaborated on various projects, producing outputs of the highest quality.

MNG. orion spatial solutions RM GEOTWIN BCE SURVEYING



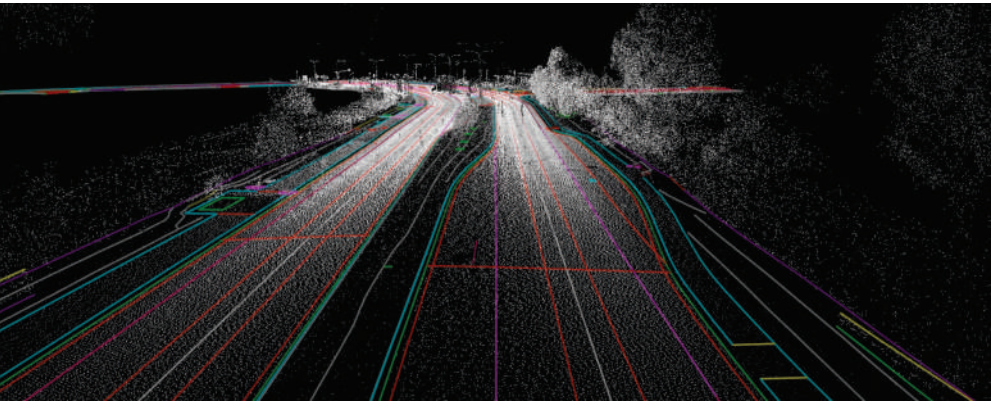
SUPPORTING SOFTWARE

To produce outputs of the highest quality, the use of supporting software is essential. We utilize the following software based on the required functions in executing a project.



FIELD OF BUSINESS

ASPAC Geo Survey focuses on the field of surveying and mapping, particularly in the utilization of LiDAR data. The utilization of LiDAR data can be implemented in various fields.

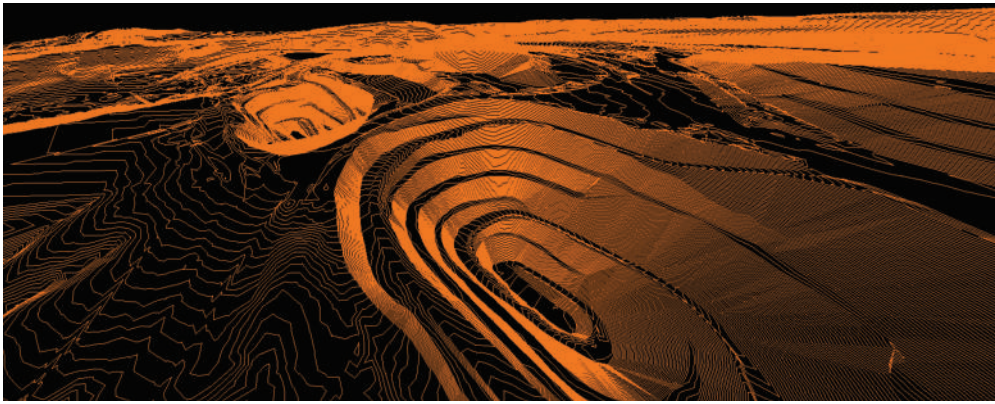


ROAD INFRASTRUCTURE

The LiDAR technology offers several advantages for utilization in the infrastructure sector, including fast acquisition time, high accuracy, and the ability to capture object features clearly.

LiDAR technology has the capability to perform various 3D modelling and analysis for infrastructure, such as roads, bridges, railway tracks, and more.

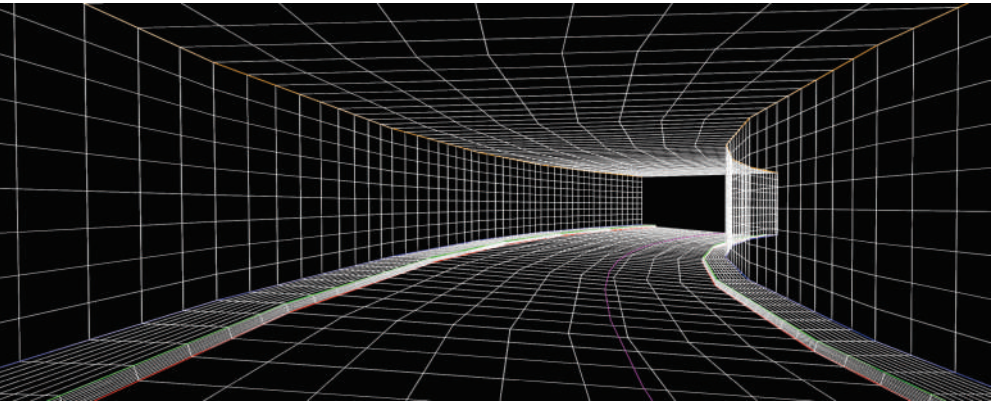
ASPAC Geo Survey has substantial experience in harnessing LiDAR for infrastructure, particularly in LiDAR data extraction for asset management and as-built modelling of infrastructure.



MINING

LiDAR technology holds significant potential in the field of mining. Compared to other methods, LiDAR technology provides better effectiveness and efficiency.

The applications of LiDAR in mining are extensive, ranging from topographic mapping of mining areas to 3D analysis for volume calculations. Some examples of LiDAR applications include slope inclination calculations, stockpile volume calculations, cut-and-fill analysis, and various other analyses.



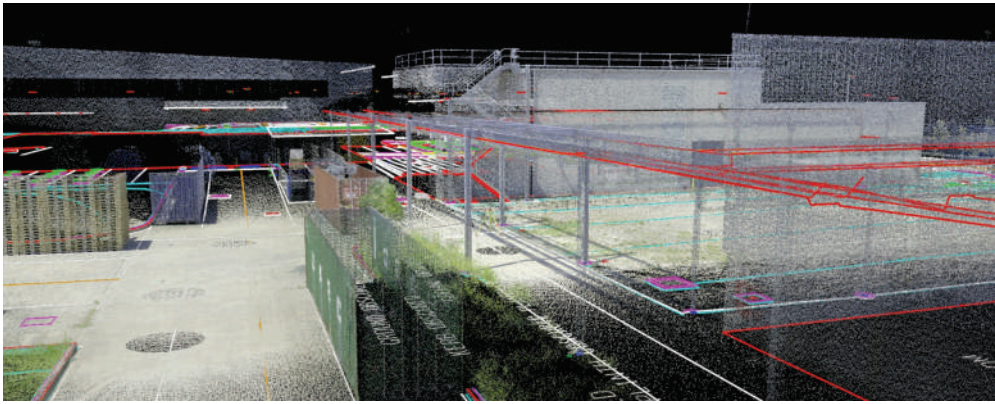
TUNNEL

The tunnel structure presents its own challenges in data acquisition and processing due to its complex dimensions and the absence of sunlight.

LiDAR technology is well-suited for use in 3D modelling of tunnels because it can accurately depict the 3D shape of the tunnel. Additionally, the use of LiDAR technology requires fewer operators, reducing the risk of workplace accidents when data acquisition involves multiple personnel.

3D tunnel modelling can be applied to mining tunnels, road tunnels/underpasses, underground railways, and so forth.

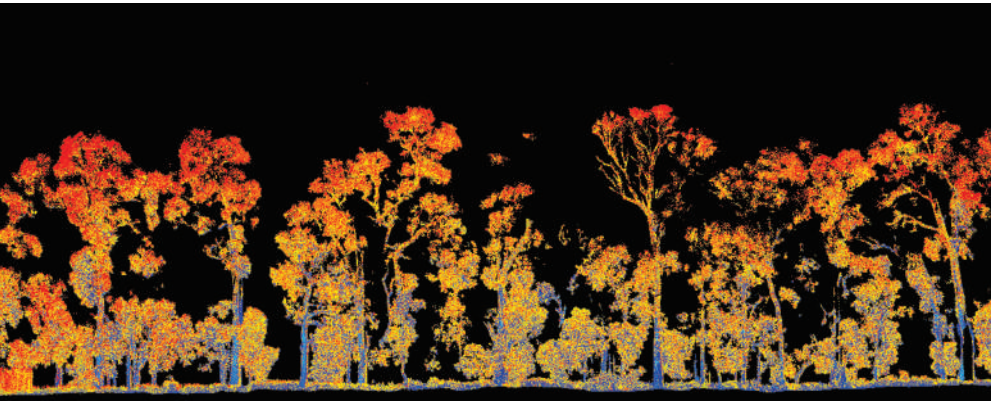
.



BUILDING AND AREA

LiDAR technology is highly effective for use in 3D modelling of buildings and areas. Implementation of modelling can be carried out on various buildings and historical sites to create digital twin data for inventory purposes and building preservation.

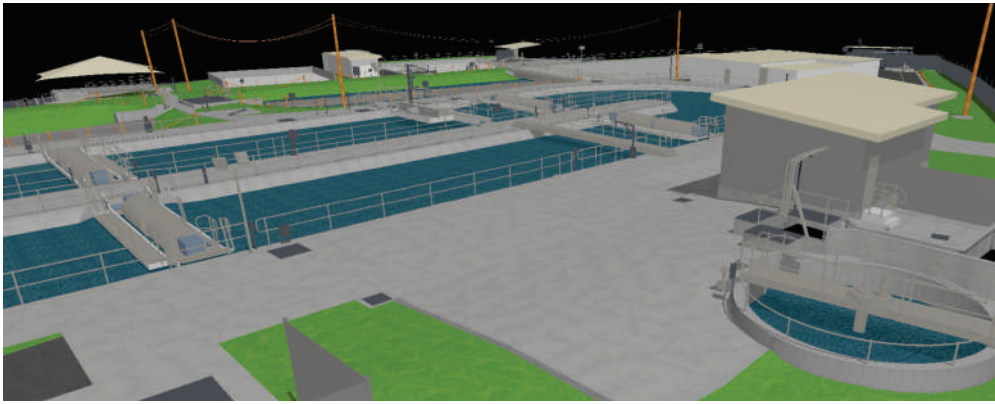
On a broader scale, 3D modelling can be applied to areas, including both urban and forested regions, to obtain detailed 3D data.



FORESTRY AND PLANTATION

The use of LiDAR in the forestry and plantation industries has had a significant positive impact on preserving natural ecosystems, producing more detailed topographic data, measuring tree dimensions, analyzing forest drainage, providing insights into vegetation density in forests, monitoring deforestation rates in forested areas, serving as a reference for measuring surface carbon levels, supplying data for land suitability assessments, and creating digital twin data for 3D modelling of factory building conditions.

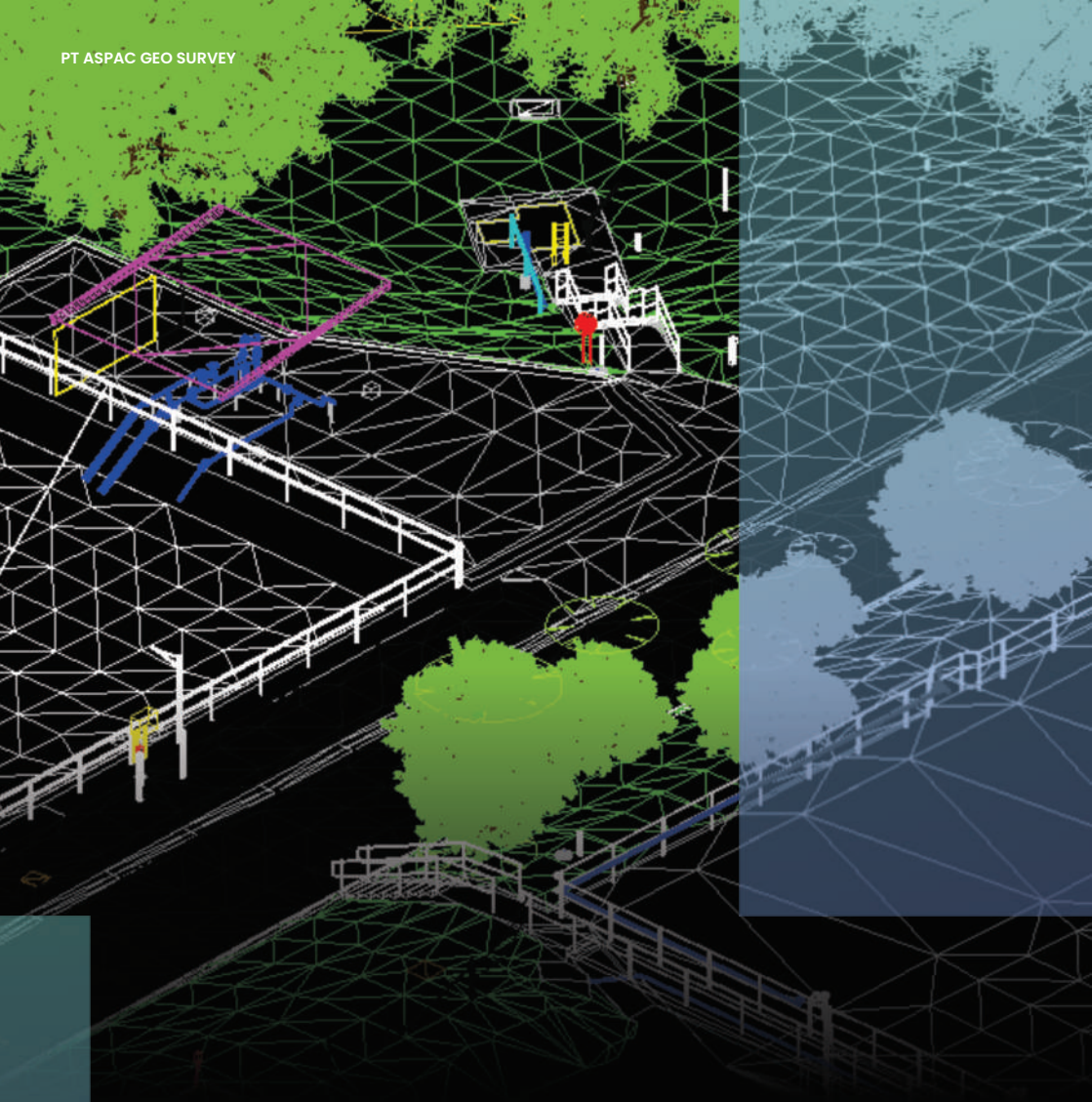
This is an example of how technology can be utilized to address environmental challenges while simultaneously improving operational efficiency.



BIM

BIM (Building Information Modelling) is a project management system that encompasses all information related to the aspects of a building, which is then projected into a 3-dimensional model.

The use of LiDAR can offer numerous advantages when applied in BIM. With the complex requirements of 3D data, LiDAR is capable of rapidly and accurately generating data, thereby enhancing the effectiveness and efficiency in BIM.



WHY CHOOSE US

Specializing in LiDAR

We have chosen to exclusively focus on LiDAR data processing because we believe that to be the best, you must specialize. This means not only being experts in this field but delving into every aspect of it. You can trust us to deliver excellent results in LiDAR data processing.

Extensive Experience in the Industry

With over 5 years of experience in this industry, we have encountered various challenges and complex projects. We have successfully overcome different issues and completed highly diverse projects across various sectors with our business partners.

Flexibility in Project Execution

We understand that each project has unique requirements. Therefore, we have an adaptable approach to meet your specific needs. We collaborate with you to understand your goals and design the most suitable solutions to achieve them.

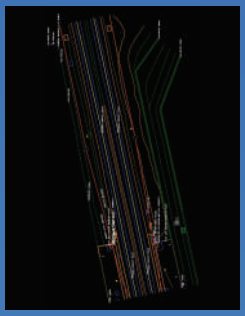
Efficiency for You

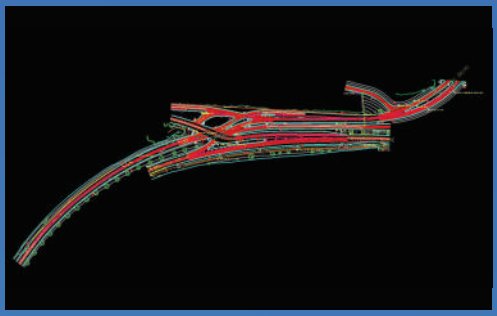
We can optimize every aspect of our services to provide efficiency without compromise. This means faster turnaround times, lower costs, and better results for our business partners.

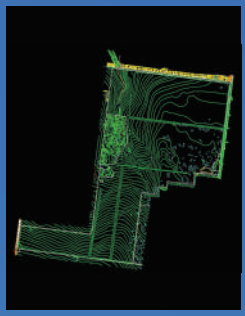
Pre and Post Project Support

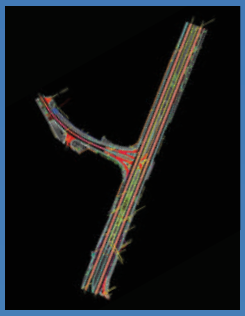
Ensuring business partner satisfaction is our top priority. We are always ready to provide any necessary support, including technical consultations, issue resolution, and, of course, the required improvements for each project.

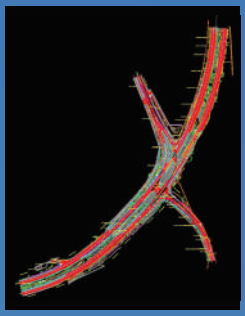
PART OF HUNDREDS OF PROJECTS WE HAVE COMPLETED

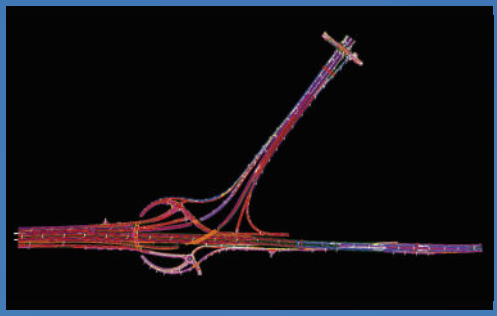


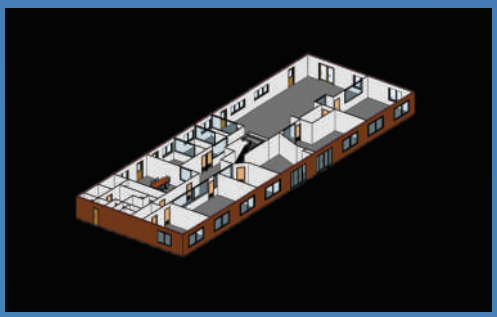


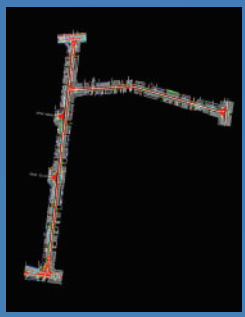


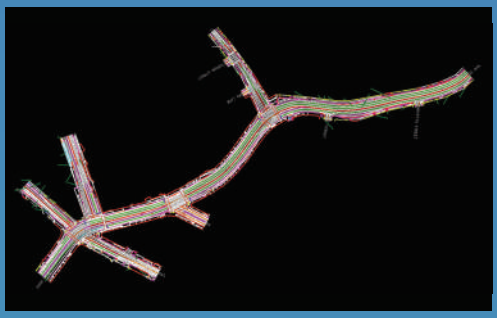


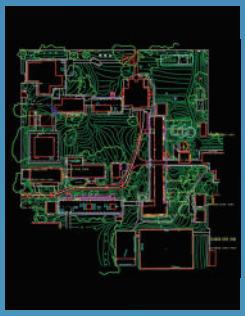
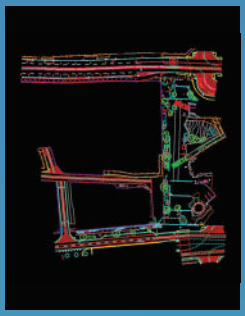


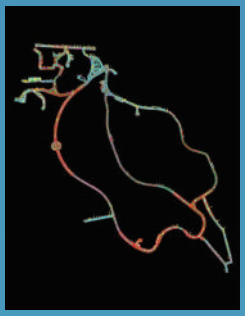
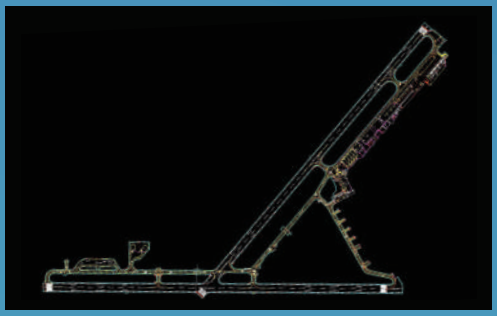


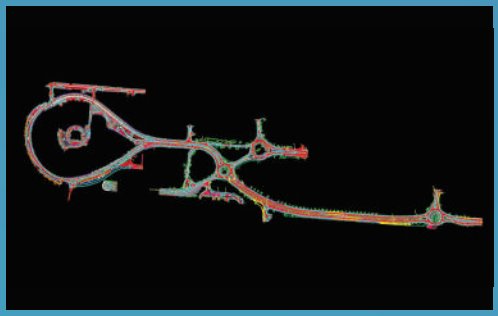








PART OF HUNDREDS OF PROJECTS WE HAVE COMPLETED

PT. Aspac Geo Survey
The Icon Business Park BSD Block F No. 8, Sampora,
Kec. Cisauk, Tangerang, Banten 15345

ASPAC Geo Survey
www.aspacgeosurvey.com
admin@aspacgeosurvey.com