



DUTA BASIS DATAPRIMA  
*Experience Excellence*

# COMPANY PROFILE



#### OFFICE

Jl. RC Veteran Raya no.1 4th Floor  
Pesanggrahan, Jakarta Selatan 12330  
Telp : +62 - 21 7486 2522  
Fax : +62 - 21 745 1637

#### WORKSHOP AND WAREHOUSE

Jl. Rajawali III Blok HD5A no. 4  
Bintaro Jaya, Sektor 9  
Tangerang Selatan, Banten 115229

#### PROJECT DRAFTING STUDIO

Ciputra BizPark Comercial Estate  
Jl. KH Wahid Hasyim ( Kopo )  
Blok A1 - 10 no. 455 Bandung 40277  
Telp : +62 - 22 544 3307

Website : <http://www.dutabasis.com>  
E-mail : [dutabasis@dutabasis.com](mailto:dutabasis@dutabasis.com)

#### Terrestrial Survey Mapping UAV Aerial Mapping 3D Laser Scanning:

Asbuilt drawing/Digital Twin  
Intelligent 3D Model  
Stock pile volume calculation  
Tank volume calculation (tank calibration)

#### Engineering Support Asset / Inventory Data App



DUTA BASIS DATAPRIMA  
*Experience Excellence*

# COMPANY PROFILE

Terrestrial and Aerial Mapping ● 3D Laser Scanning : Asbuilt Drawing/ Digital Twin, Stock Pile Volume Calculation  
- Tank Volume Calculation ( Tank Calibration ) ● Engineering Support ● Asset / Inventory Data App  
Intelligent Modelling Topographic ● Hydrographic ● Mini Lidar ● Uav/Drone ● Pointcloud Process  
Civil Engineering ● Rent Survey Equipment ● Survey Service



## TENTANG KITA

### KATA PENGANTAR

PT Duta Basis Dataprima, berpengalaman lebih dari 25 tahun, berdiri pada tahun 1996 dengan bidang awal pekerjaan Survei dan Pemetaan yang kemudian diperluas dengan beberapa bidang usaha lain, yaitu: 3D Laser Scanning, Building Information Modelling (BIM), as-built drawing, Aerial Photogrammetry, dan Engineering

Dengan dukungan tenaga ahli yang berpengalaman, serta dibekali dengan peralatan yang mutakhir, PT Duta Basis Dataprima siap memberikan solusi untuk membantu penyelesaian pekerjaan anda.

## ABOUT US

### PREFACE

*PT Duta Basis Dataprima, with more than 25 years of experience, was established in 1996 with the initial core business of Surveying and Mapping which was later expanded to several other business fields: 3D Laser Scanning, Building Information Modeling (BIM), as-built drawing, Aerial Photogrammetry, and Engineering*

*support by Our experienced personnel, strong management practices, and state-of-the art equipment are our strength to support your projects.*





## VISI DAN MISI

### VISI

Membidik tujuan untuk menjadi partner utama di dalam pemetaan dan engineering, dan menjadi partner jangka panjang yang paling dipercaya dalam memberikan solusi dan kualitas jasa terbaik.

### MISI

Memberikan kualitas dan pengalaman kepada pelanggan dengan penyediaan jasa engineering dan jasa survei pemetaan dalam bidang infrastruktur, industri, dan energi.

## VISION AND MISSION

### VISION

*Aims to be number one choice in mapping and engineering support, and becoming the most trusted and long term partner, by providing best solution and best quality of support.*

### MISSION

*Delivering value and experience to our customer with a provision of excellent engineering and mapping survey services of infrastructure, industrial, and energy projects*





## CORE VALUE

### ● *Creative and Innovative*

*We at Duta Basis Dataprima believe creativity and innovation is a crucial part in solving problems. We encourage ourselves to apply creativity and innovation thus, to be brave, to be curious, constantly strive to exceed expectations.*

### ● *Collaboration*

*We believe that collaboration, mutual respect, active discussion and most importantly a commitment towards excellence contributes to the overall performance of our company. Everybody plays their own role, unique to each discipline of expertise.*

### ● *Compliance*

*We value integrity, doing the right thing when nobody watching and act with honesty and focus.*

### ● *Embrace Change*

*We as a company understand that the world's changing at an unbelievably rapid pace, the refore we embrace the uncomfortable phases of change. We strive to improve and evolve constantly.*

### ● *Breathe*

*We as a company aims for sustainable workplace, we strive to take care of each other, providing a safe and pleasant environment for everyone to be part of this company.*

## NILAI UTAMA PERUSAHAAN

### ● Kreatif dan Inovatif

Kami percaya bahwa kreatifitas dan inovasi adalah bagian yang sangat penting dalam proses penyelesaian masalah. Kami mendorong tim kami untuk berani, untuk memiliki rasa ingin tahu yang tinggi, serta secara konsisten mencoba untuk melampaui ekspektasi.

### ● Kolaborasi

Kami meyakini bahwa kolaborasi, saling menghormati, diskusi aktif, serta komitmen berkontribusi kepada performa perusahaan secara keseluruhan. Dengan setiap individu, setiap tim, memiliki peran yang unik untuk setiap disiplin dan keahlian.

### ● Kepatuhan

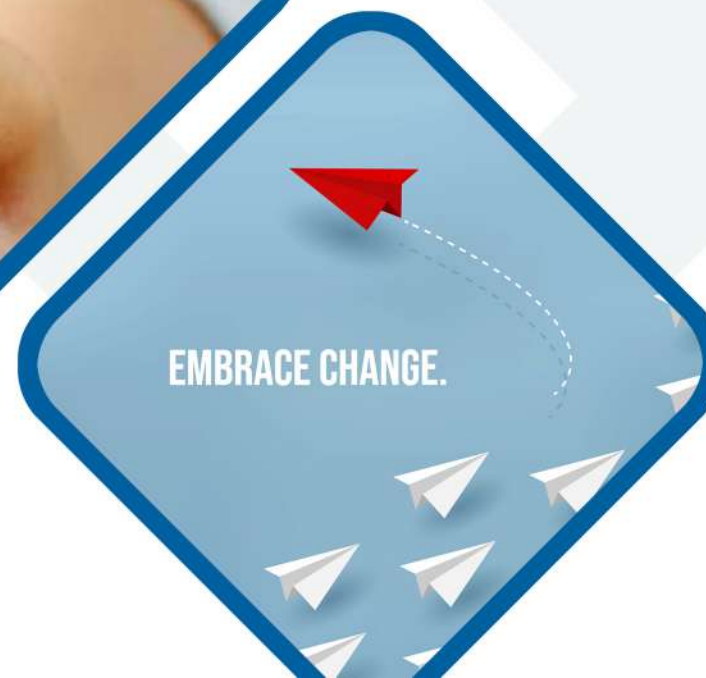
Kami menghargai penuh integritas, melakukan hal yang benar pada setiap pekerjaan kami dan berlaku dengan jujur dan dengan perhatian penuh.

### ● Merangkul Perubahan

Kami memahami bahwa dunia berubah dengan sangat cepat, sehingga kami sebagai perusahaan harus bisa merangkul ketidaknyamanan di dalam perubahan. Kami berusaha untuk menjadi lebih baik dan berkembang dengan konsisten.

### ● Berhenti Sejenak

Kami sebagai perusahaan berusaha untuk menjadi tempat berkarya yang mendukung, menyediakan tempat yang aman dan lingkungan yang nyaman kepada semua untuk menjadi bagian dari perusahaan ini



EMBRACE CHANGE.



## OUR SERVICE



### Mapping

- Terrestrial Mapping
- Aerial photogrammetry
- Bathymetric Mapping



### As-Build Drawing

- Industrial plant
- Equipment & Piping plant
- Factory building & process plant
- Architectural building
- Civil object
- PFD, P&ID, Isometric Piping, plot plant
- BIM as-built drawing



### Engineering Support

- FEED
- Mechanical Engineering
- Piping & pipeline design
- Process Engineering
- Civil Structure analysis



**SAFETY  
FIRST**

### Safety

- SAFE Chart
- HAZOP / HAZID



### Inspection

- Stock pile volume calculation
- Storage tank calibration
- Dimension control
- Retrofit design



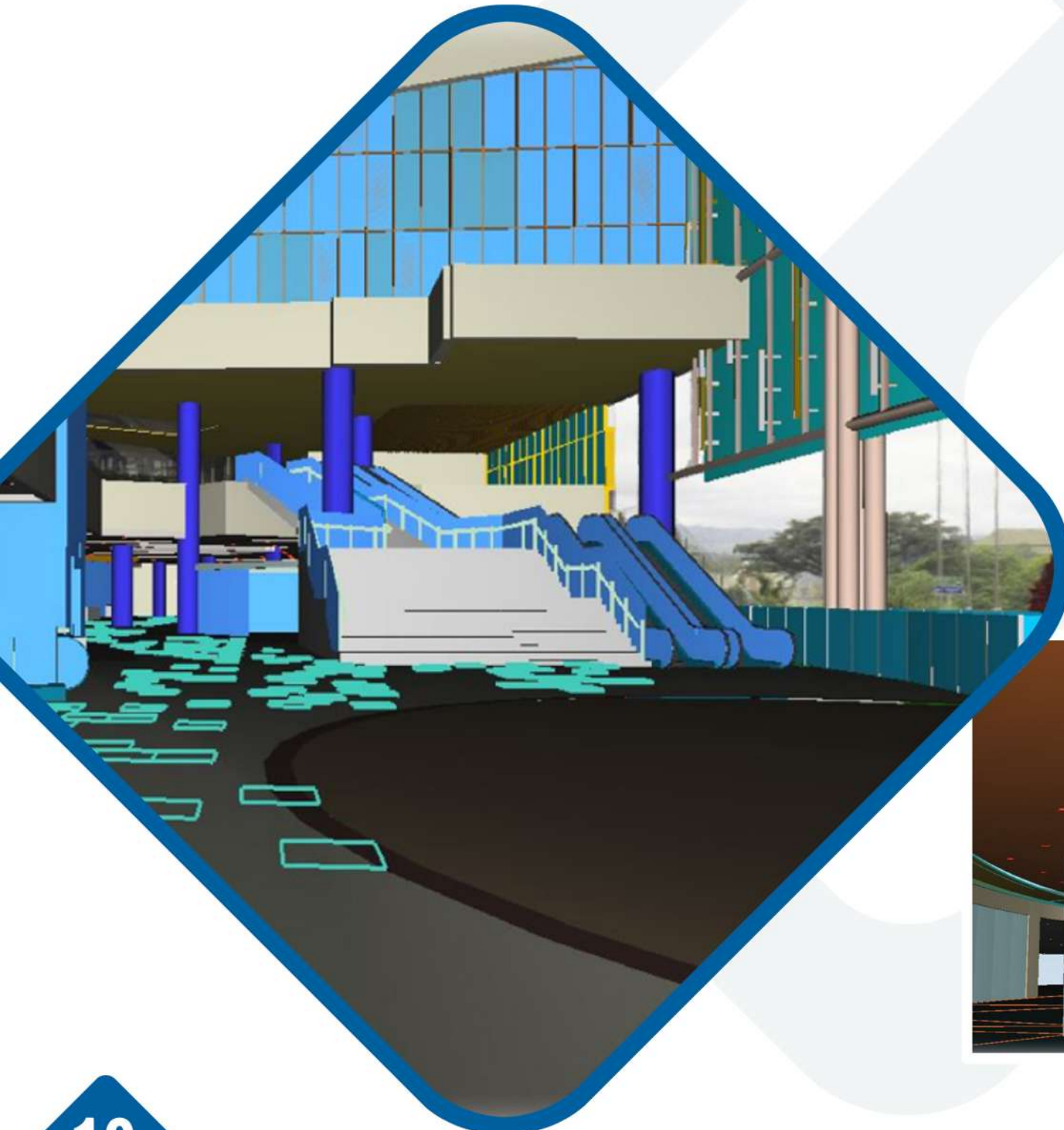
### Asset / Inventory Data App





## BUILDING AND INFRASTRUCTURES

3D As Built Survey for AEON Mall Property at Sentul City



### Client / Owner

Mapronesia / Aeon Mall Sentul City

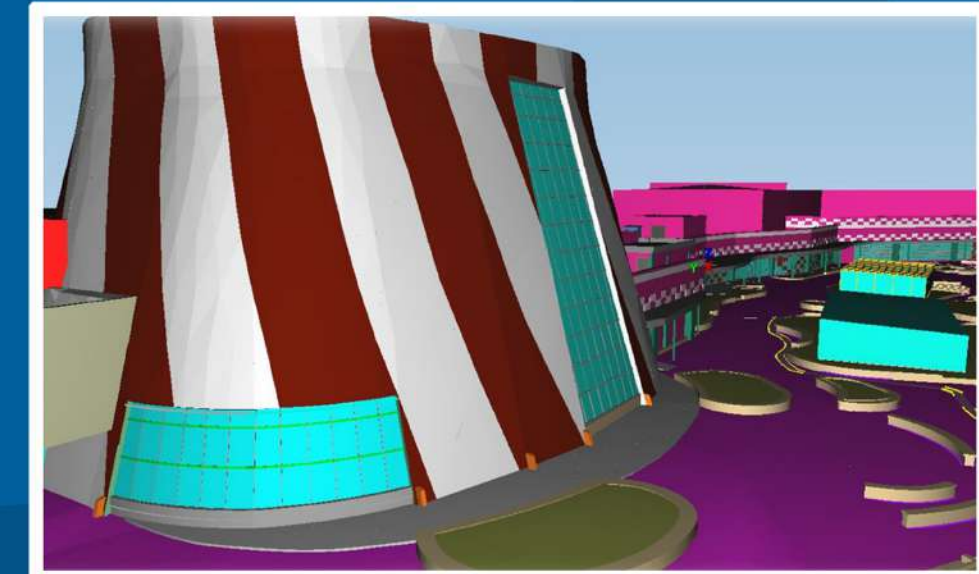
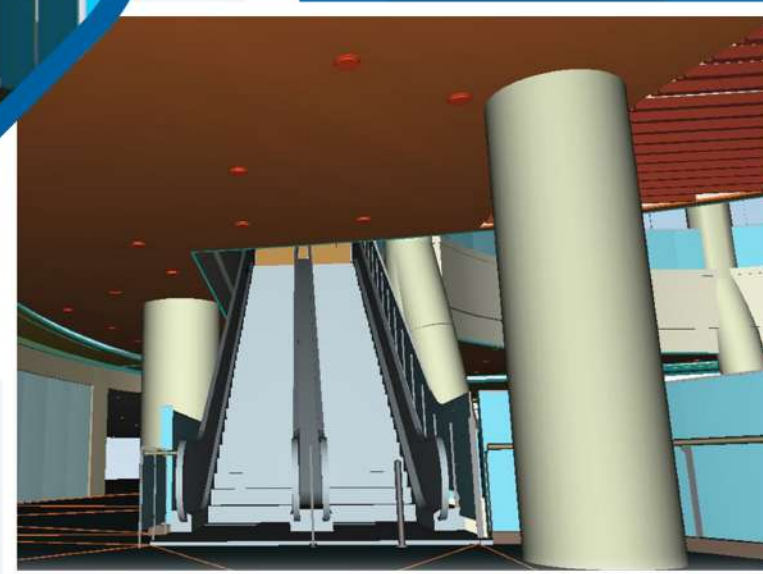
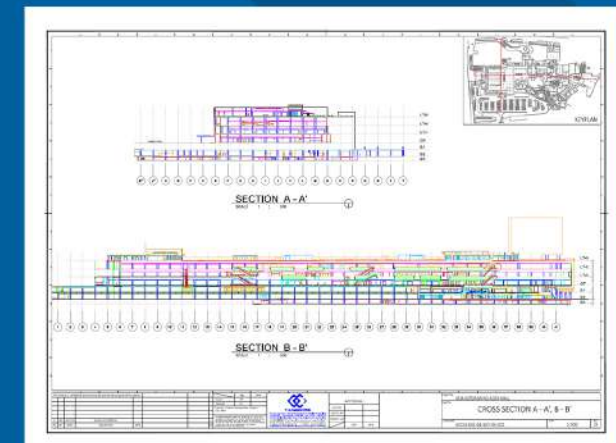
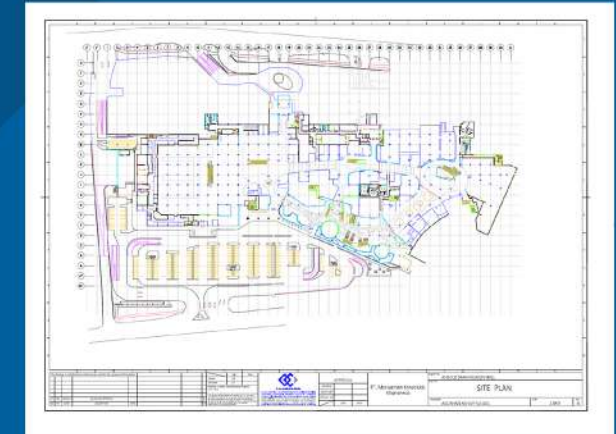
### Location

AEON Mall Sentul City, Bogor, West Java, Indonesia

### Project Desc.

Provide 3D Point Cloud Data use Terestial Laser Scanning Survey Method

Produced As Built 3D Model , As Built Drawing (Plan, View, & Section)





## BUILDING AND INFRASTRUCTURES

### Client / Owner

PT.BAMKO Karsa Mandiri / Westin Hotel & Resort

### Location

The Westin Resort Nusa Dua, Bali, Indonesia

### Project Desc.

Provide 3D Point Cloud Data use Terestial Laser Scanning Survey Method & Aerial Photography.

Produced As Built 3D Model , As Built Drawing (Plan, View, & Section), Orthophoto Map

### 3D As Built Survey for WESTIN Resort Property





## BUILDING AND INFRASTRUCTURES

Client / Owner

HDV Royal Haskoning / Heinz ABC

Location

Heinz ABC Processing Plant,  
Karawang Plant,  
West Java, Indonesia

Project Desc.

Provide 3D Point Cloud Data use Terrestrial Laser Scanning Survey Method & Aerial Photography.

Produced As Built 3D Model , As Built Drawing (Plan, View, & Section), Orthophoto Map



3D As Built Survey for Heinz-ABC Processing Plant





## BUILDING AND INFRASTRUCTURES

Client / Owner

UCS/ Angkasa Pura II

Location

Halim Perdana Kusuma Int. Airport, Jakarta,  
Indonesia

Project Desc.

Provide 3D Point Cloud Data using Terrestrial  
Laser Scanning Survey Method

Produced As Built 3D Model , As Built Drawing

### 3D As Built Survey for Halim Perdana Kusuma Int. Airport





## ENERGY PROCESSING PLANT

### 3D As Built Survey for RU VI Balongan Plant



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#### Client / Owner

LAPI ITB/ Pertamina RU IV Balongan

#### Location

*Pertamina Refinery Unit VI Balongan, Indramayu,  
West Java, Indonesia*

#### Project Desc.

**Provide 3D Point Cloud Data using Terestial  
Laser Scanning Survey Method.**

**Produced As Built Semi Intelligent 3D Model**



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## ENERGY PROCESSING PLANT

### 3D As Built Survey for BOB BSP – Pertamina Hulu Plant



#### Client / Owner

BOB BSP – Pertamina

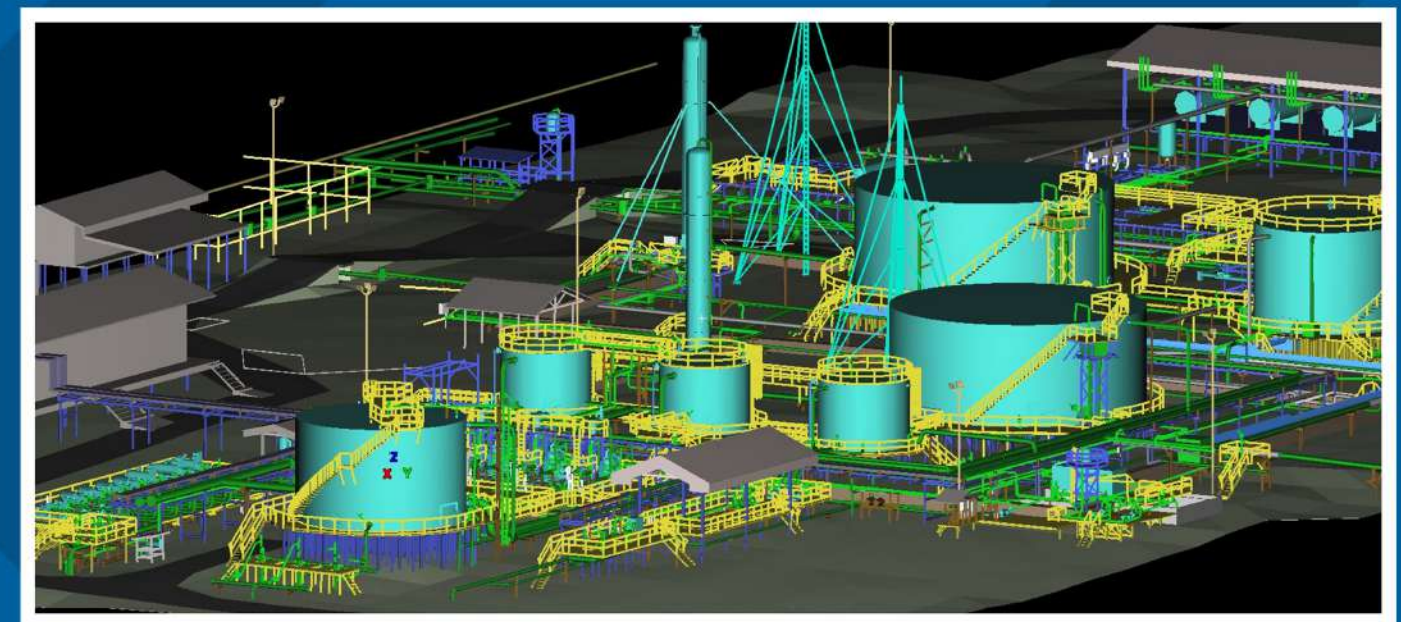
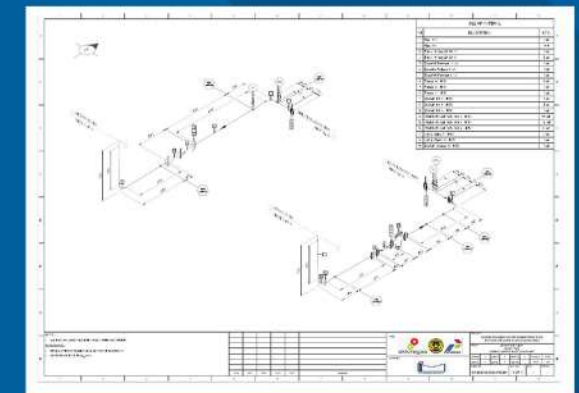
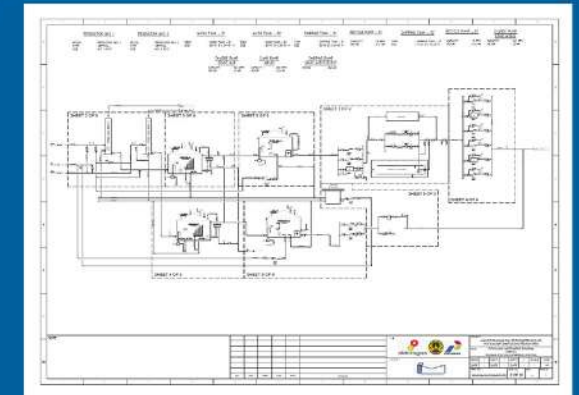
#### Location

Gathering Station Zamrud, Pusaka, Kasikan,  
Pedada, Osam, Terantam at Riau, Indonesia

#### Project Desc

Provide 3D Point Cloud Data using Terestial  
Laser Scanning Survey Method.

Produced As Built 3D Model, As Built Drawing  
(PFD, P&ID, Isometric, Piping Plan)





## ENERGY PROCESSING PLANT

### 3D As Built Survey for PGE Kamojang & Lahendong Plant



#### Client / Owner

Pertamina Geothermal Energy, Kamojang & Lahendong Plant

#### Location

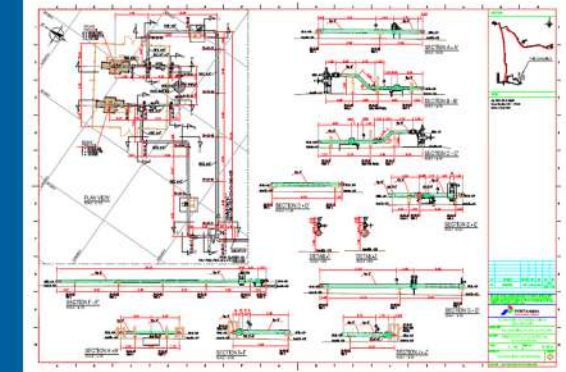
PGE Kamojang Plant, Garut, West Java, Indonesia  
PGE Lahendong Plant, Manado, North Sulawesi, Indonesia

#### Project Desc.

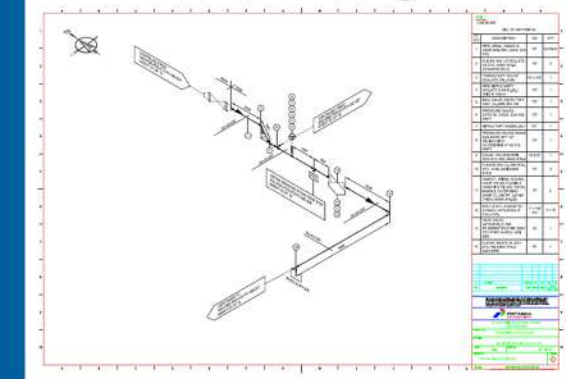
Provide 3D Point Cloud Data use Terrestrial Laser Scanning Survey Method.

Produced As Built 3D Model, As Built Drawing (PFD, P&ID, Isometric, Piping Plan, Alignment Sheet )

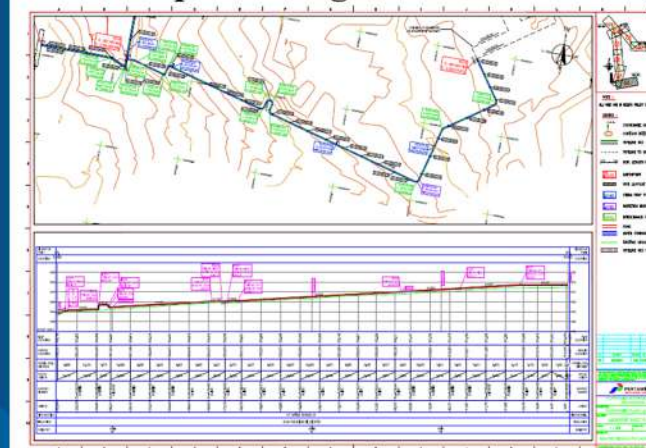
#### Piping Plan & Section



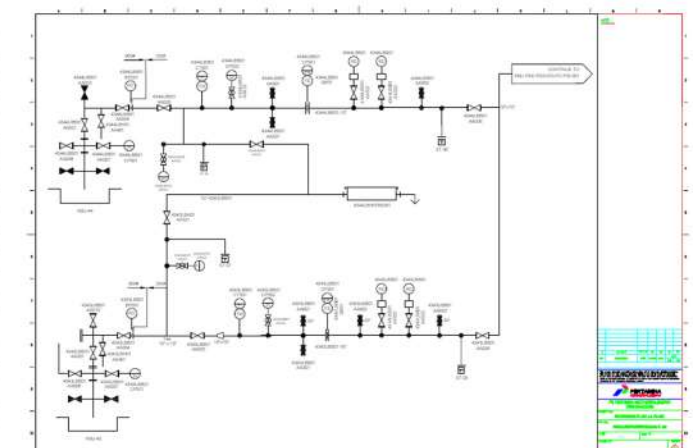
#### Isometric Drawing



#### Piperun Alignment Sheet



#### P&ID





## VESSEL AND BWTS

### 3D As Built Survey for CINTA NATOMAS Vessel



#### Client / Owner

PT. Elnusa (Cinta Natomas Vessel)

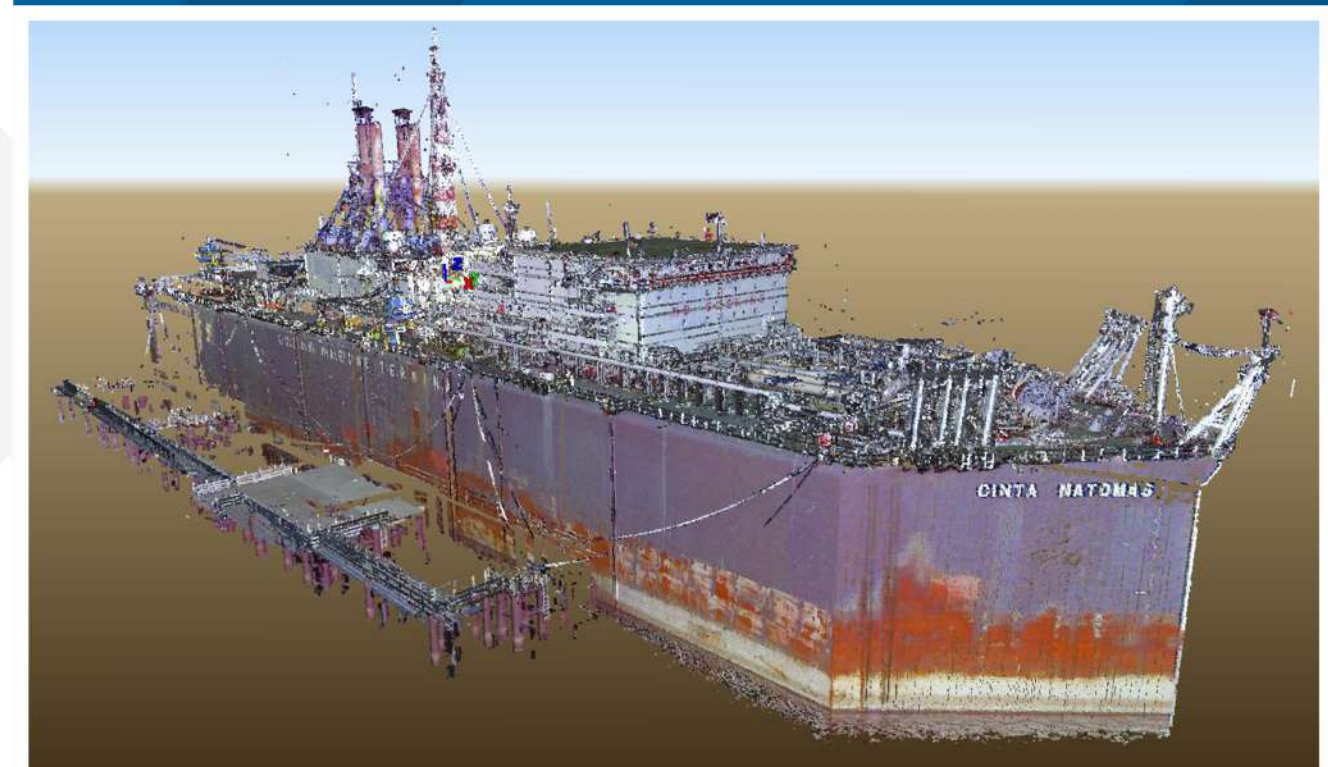
#### Location

Berthing at Celukan Bawang Seaport, Bali,

#### Project Desc.

Provide 3D Point Cloud Data use Terestial Laser Scanning Survey Method.

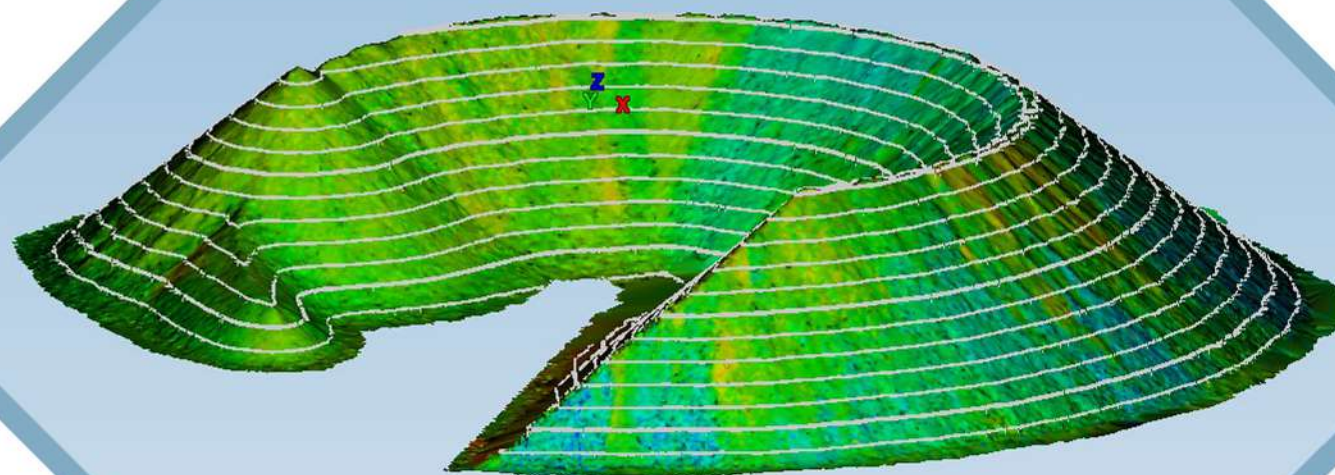
Produced As Built 3D Model, As Built Drawing





## STOCK PILE VOLUME CALCULATION

### 3D As Built Survey for SBI Stock Pile



#### Client / Owner

Sucofindo / Solusi Bangun Indonesia

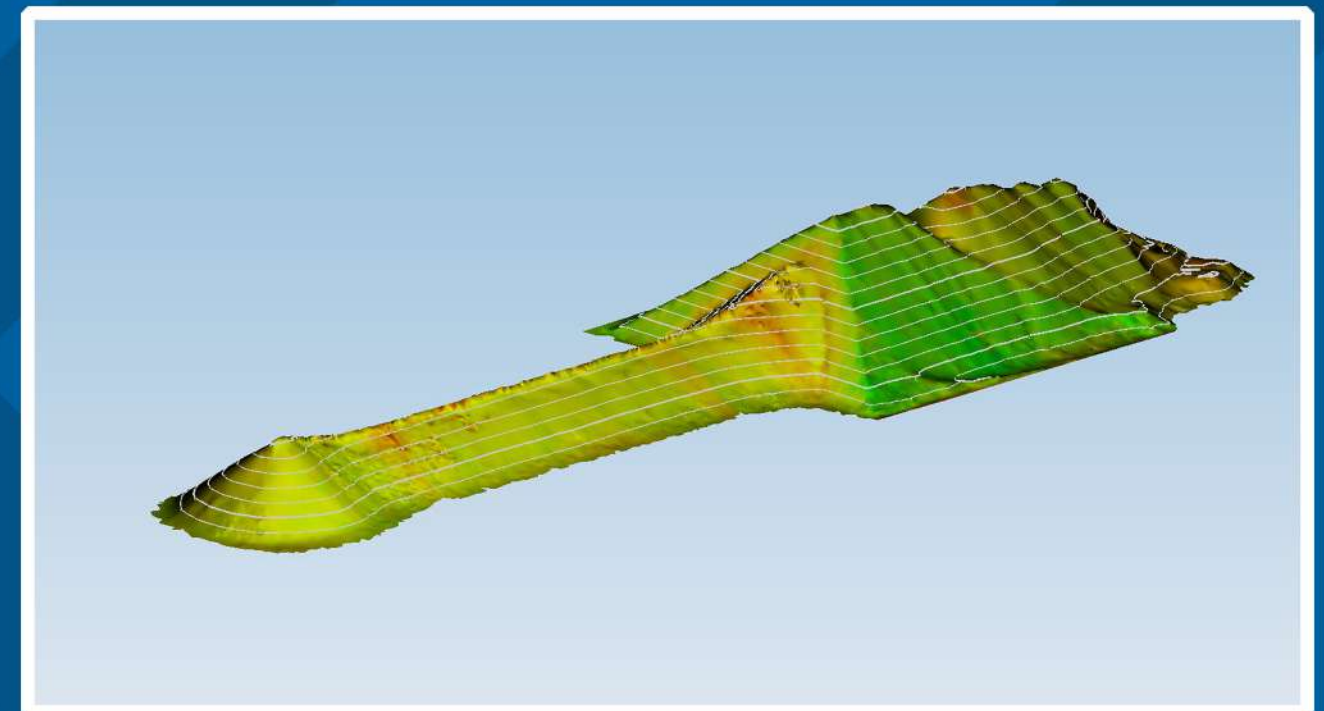
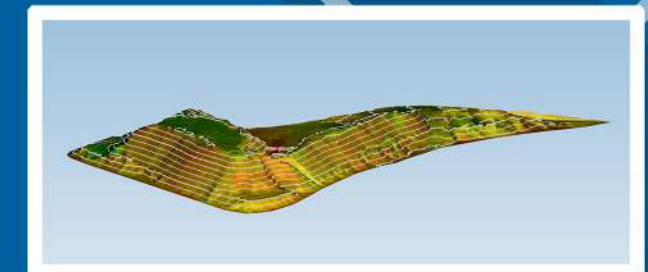
#### Location

Solusi Bangun Indonesia Processing Plant,  
Narogong, West Java, Indonesia

#### Project Desc.

Provide 3D Point Cloud Data use Terrestrial  
Laser Scanning Survey Method for Volume  
Calculation

Produced Volume Calculation Report





## CONSTRUCTION SURVEY SERVICES

Client / Owner

Agincourt Resources

Location

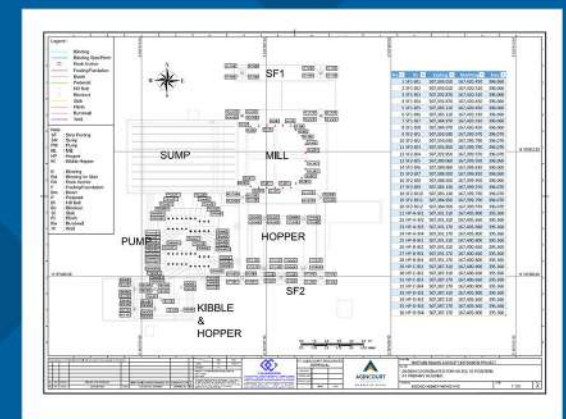
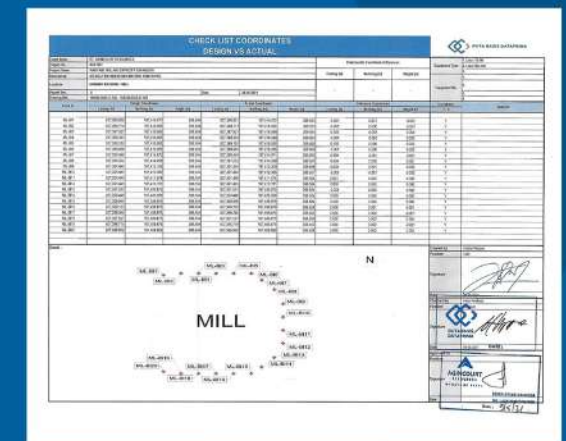
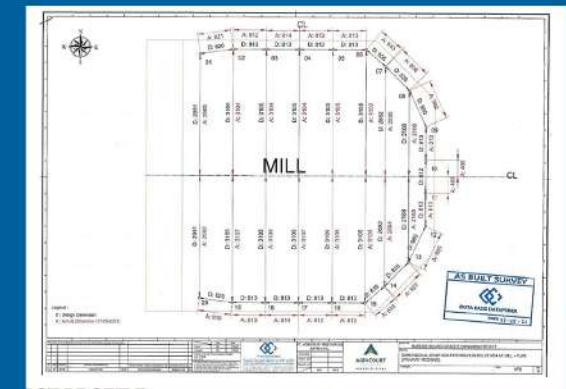
Martabe Gold Mine, PT. Agincourt Resources,  
Batang Toru, North Sumatera, Indonesia

Project Desc.

Provide Precision Construction Survey for  
Milling Capacity Expansion Project use Total  
Station & Digital Waterpass

Produced Detail Coordinate Design Drawing &  
Comparison Design & Actual Survey Report

## Construction Precision Survey Services for Milling Capacity Expansion Project





**WILSON WALTON INDONESIA**

**GGPS SURVEY GP 28" TRANSGASINDO PIPELINE SECTION LINE GRISSIK-SARKEAN**

Deskripsi: 111K KONTRAK

101-020

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**KOORDINAT GEOGRAFIK**

Lintang : 5° 21' 37.32847"

Bujur : 103° 29' 28.55862"

Tinggi Elipsoid : 35.537 m

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**KOORDINAT UTM WGS 84 ZONE 48S**

Timur : 333595.304 m

Utara : 9849573.657 m

Elevasi : 25.877 m

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**ALAN SURVEY**

Arah ke Stasiun Booster Sarkean

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**URAIAN LOKASI**

BPA ditanam di samping Stasiun Gas Booster Sarkean

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**KEMUNDURAN MENUNJUK**

Papan Pembertahaan Objek Vital Nasional

**BM6 - AGM22 (10:22:57 AM-10:52:57 AM) (S45)**

Baseline observation: BM6 --- AGM22 (S45)

Processed: 20/02/21 11:31:06 PM

Solution type: Fixed

Frequency used: Dual Frequency (L1, L2)

Horizontal precision: 0.008 m

Vertical precision: 0.012 m

RMS: 0.013 m

Maximum PDOP: 1.860

Ephemeris used: Broadcast

Antenna model: NGS Absolute

Processing start time: 20/02/21 10:22:57 AM (Local: UTC+7hr)

Processing stop time: 20/02/21 10:52:57 AM (Local: UTC+7hr)

Processing duration: 00:30:00

Processing interval: 5 seconds

---

**Vector Components (Mark to Mark)**

From:	Oris	Local	Global
Easting	355256.153 m	Latitude S1°59'40.0840000"	Latitude S1°59'40.0840000"
Northing	9779493.268 m	Longitude E103°41'54.7900000"	Longitude E103°41'54.7900000"
Elevation	29.487 m	Height 39.540 m	Height 39.540 m

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To:	Oris	Local	Global
Easting	362635.650 m	Latitude S2°12'11.5868593"	Latitude S2°12'11.5868593"
Northing	9756420.012 m	Longitude E103°45'53.0287405"	Longitude E103°45'53.0287405"
Elevation	48.069 m	Height 58.541 m	Height 58.541 m

---

Vector	7379.497 m NG Pwd Azimuth	162°18'43" ΔX	-4955.390 m
ΔEasting			
ΔNorthing	-23073.256 m Ellipsoid Dist.	24223.341 m ΔY	-2553.317 m
ΔElevation	18.582 m ΔHeight	19.001 m ΔZ	-23068.152 m

## DGPS Survey for In-line Inspection

Client / Owner  
**PT. Transgasindo & PT. Wilson Walton Indonesia**

Location  
**Pipeline 28" Length 536 KM From Grissik to Duri**

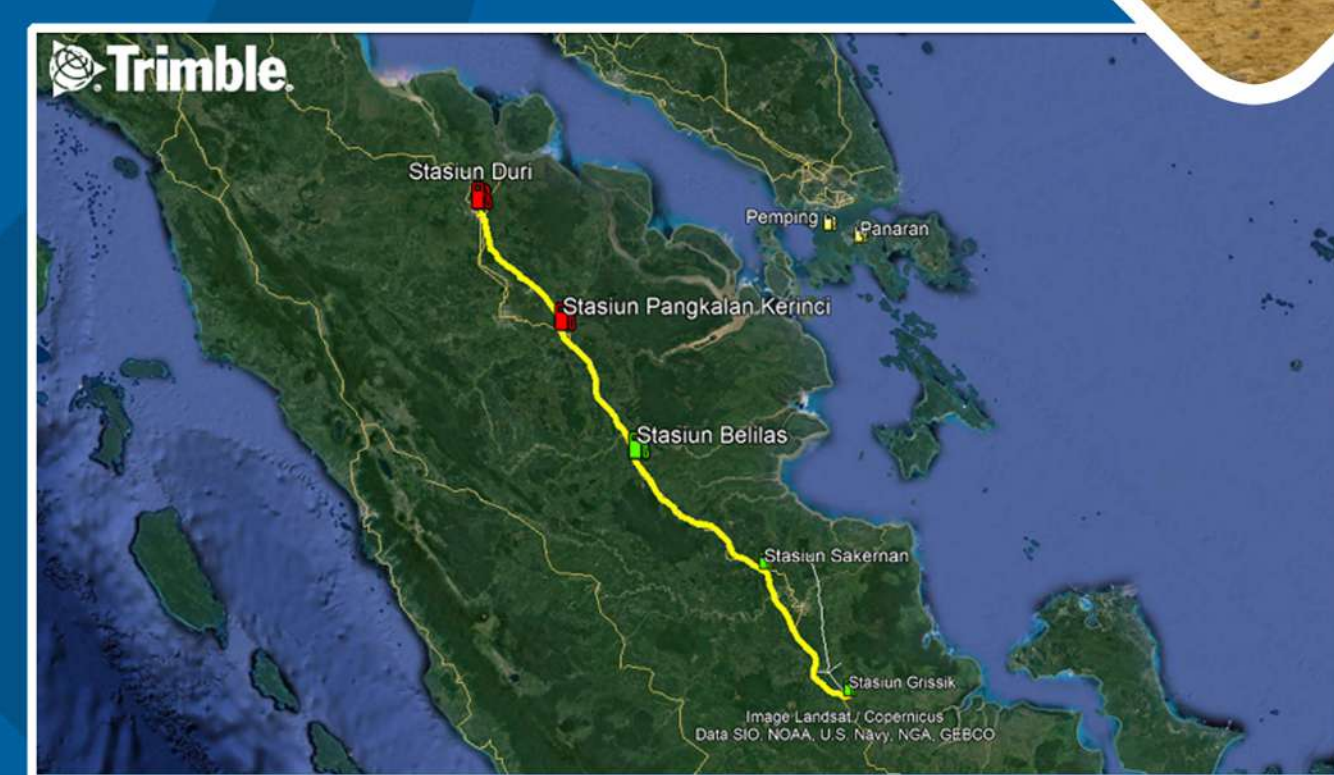
Project Desc.  
**Provide Coordinate XYZ every 1 KM with GNSS Receiver DGPS Survey Method (Produced As Reference Point, As AGM Coordinate, DGPS Report, Documentations**



AGM SITE RECORD (GPS SURVEY)											
Contract Number	0	GPS Equipment Used:	Spheroid		WGS 1984						
Diameter (in)	28	Type	GNSS System								
Line Reference	0	Manufacturer	Spectra								
Run Number	1	Model	Epoch 50 Receiver								
Mobilisation Number	1	Stated Specification	Hz=3mm±0.5ppm V=5mm±0.5ppm								
Client	TGI	Survey Performed By:	Zone		48S						
Launch	Grissik	Name	Scale Factor		0.9996						
Receive	Sarkean	Company	False Easting		500 000						
Run Date	0	Date	False Northing		10 000 000						
			Projection		TM						
			Semi Major		6378137						
			Flattening		298.2572229						
			Datum		SIRG 2013						
			Date		30rd January 2021						

Site Number	Distance from Launch	Site Description	GPS Survey Point (SP)	Latitude Degrees	Longitude Degrees	Elevation-EGM2011 (metres)	Z (SP to top of pipe in metres)	Confirm accuracy in 2	Comments	Pipe Centreline Elevation (metres)	All reports/reports to be provided in UTM Coordinates		Elevation Referen
			Pipe Fitting or 8 decimal AGM Position	degrees	degrees	3 decimal	3 decimal				UTM mE	UTM mN	Centre/Top of Pipe
0		L-REDUCER-GRISIK	Pipe Fitting	-2.28829802	103.93527764	35.955	0	0		35.599	381610.068	9747023.039	Centre/Top of Pipe
7		L-BLOCKVALVE-GRISIK	Pipe Fitting	-2.28823436	103.93528341	35.955	0	0		35.599	381610.703	9747036.077	Centre/Top of Pipe
21		L-RICER-GRISIK	Pipe Fitting	-2.28811443	103.93528104	34.947	0	0		34.591	381610.462	9747048.667	Centre/Top of Pipe
905		AGM 1	AGM Position	-2.28274803	103.92807972	30.895	0	0		30.539	380953.723	9747642.109	Centre/Top of Pipe
1903		AGM 2	AGM Position	-2.27851061	103.92139810	40.280	0	0		39.924	380065.761	9748109.899	Centre/Top of Pipe
2902		AGM 3	AGM Position	-2.27378993	103.91380330	31.246	0	0		30.890	379220.769	9748631.586	Centre/Top of Pipe
3895		AGM 4	AGM Position	-2.27122293	103.90524376	34.553	0	0		34.197	378268.664	9748994.212	Centre/Top of Pipe
4895		AGM 5	AGM Position	-2.26785824	103.89728448	35.177	0	0		34.821	377383.240	9749395.514	Centre/Top of Pipe
5844		AGM 6	AGM Position	-2.26401913	103.88925788	50.158	0	0		49.802	376490.282	9749709.255	Centre/Top of Pipe
6876		AGM 7	AGM Position	-2.26063580	103.88059010	32.134	0	0		31.778	375526.056	9750077.024	Centre/Top of Pipe
7885		AGM 8	AGM Position	-2.25722746	103.87218852	38.939	0	0		38.593	374591.194	9750458.631	Centre/Top of Pipe
8852		AGM 9	AGM Position	-2.25328782	103.86442639	35.910	0	0		35.554	373727.842	9750893.501	Centre/Top of Pipe
9885		AGM 10	AGM Position	-2.25152951	103.85648373	30.889	0	0		30.533	372733.162	9751087.111	Centre/Top of Pipe
10864		AGM 11	AGM Position	-2.25067216	103.84654841	43.295	0	0		42.939	371738.372	9751181.110	Centre/Top of Pipe
11872		AGM 12	AGM Position	-2.24980746	103.83752512	38.081	0	0		37.725	370735.793	9751275.911	Centre/Top of Pipe



## CLIENTS TESTIMONIALS

"Service 3D laser scanning yang dilakukan oleh PT Duta Basis ini sangat membantu bagi kami dalam melakukan re-drawing fasilitas pemipaan terpasang kami yang kurang lebih 25 km dengan lebih akurat, detail sampai part terkecil yang terpasang di pipa dan mengupdate keadaan lebih real. Output 3D ini juga dapat merepresentasikan kondisi lapangan terutama sebagai view manajemen kami sehingga tidak memerlukan datang langsung ke lapangan, dan juga kebutuhan asesmen teknis lainnya. PT Duta Basis memiliki SDM yang kompeten di bidang ini, terbukti dari kesesuaian waktu eksekusinya dan memiliki peralatan sendiri secara lengkap untuk kebutuhan 3D ini. Selain itu, pada saat pengerjaan 3D ini, PT Duta Basis juga mampu mengerjakan gambar 2D turunannya baik mulai dari PFD, P&ID, pipe layout, plot plan, alignment sheet, sampai dengan isometric drawing lengkap dengan BoM nya. Sangat direkomendasikan untuk pengerjaan 3D laser scanning."

**Rizali Ghani**  
Senior Analyst Operational & Partnership Risk  
Pertamina Geothermal Energy

"Kami sudah 1 tahun lebih menggunakan team surveyor dan drafter dari Dutabasis, sejauh ini kami puas sekali dan merasa sangat nyaman bekerja sama dengan team Dutabasis. Sebelumnya kami sudah menggunakan perusahaan surveyor lain yang reputable dan sangat berpengalaman dan kami coba ganti dengan team Dutabasis dan hasil yang kami dapatkan jauh lebih memuaskan dibanding dengan perusahaan sebelumnya. Dutabasis memiliki surveyor yang sangat berpengalaman di bidang konstruksi, topografi Dan earth work serta drafting yang juga berpengalaman untuk menampilkan type permodelan yang kami inginkan. Sukses selalu buat Dutabasis, tetap konsisten dengan team team yang berpengalaman Dan attitude yang baik. Salam

**Dede Abdusyawal**  
Senior Project Engineer  
PT Agincourt Resources

"Duta Basis dapat menyelesaikan Pekerjaan 3D Laser Scan untuk 7 unit di RU VI Balongan dengan waktu pengerjaan yang sangat singkat yaitu 2 bulan. Dalam waktu 2 bulan tersebut, mayoritas 3D Model sudah tercapture, memang dengan waktu yang singkat, detail modelling untuk equipment dengan ukuran yang kecil menjadi sangat kompleks dan membutuhkan durasi pengerjaan yang lebih lama. Secara keseluruhan Pekerjaan 3D Laser oleh Duta Basis sudah memuaskan, jika membutuhkan output 3D Model yang detail, diperlukan waktu pengerjaan yang lebih panjang atau dengan menambahkan manpower dalam proyek tsb."

**Alvin H**  
Project Engineer  
PT Kilang Pertamina Internasional

"Pengalaman bekerja sama dengan Duta Basis sangat memuaskan baik dari aspek peralatan yang digunakan dan juga manpower yang ikut dalam proyek. Peralatan yang digunakan up to date dan high spek sehingga dalam proses akuisisi data menjadi lebih efektif dan efisien dan didukung sumber daya manusia yang berpengalaman. Dan tidak kalah penting pada tahap prosesing data, peralatan dan sumber daya manusianya bisa diandalkan. Jika ada proyek mengenai 3D Laser Scanning, PT Duta Basis bisa diandalkan. Terima kasih."

**Afrizal Manaf**  
Piping Engineer  
PT Kilang Pertamina Internasional

*DUTABASIS is a great team in 3D scanning service business. We have worked with them since 2019. they always finish the job at high standard. Fast responding and good communication making sure our complex job much easier. We glad to have DUTABASIS as our reliable partner.*

**Yang Shuo**  
Project Manager  
XHCM / Sardis Shanghai

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