



— 2026 COMPANY PROFILE

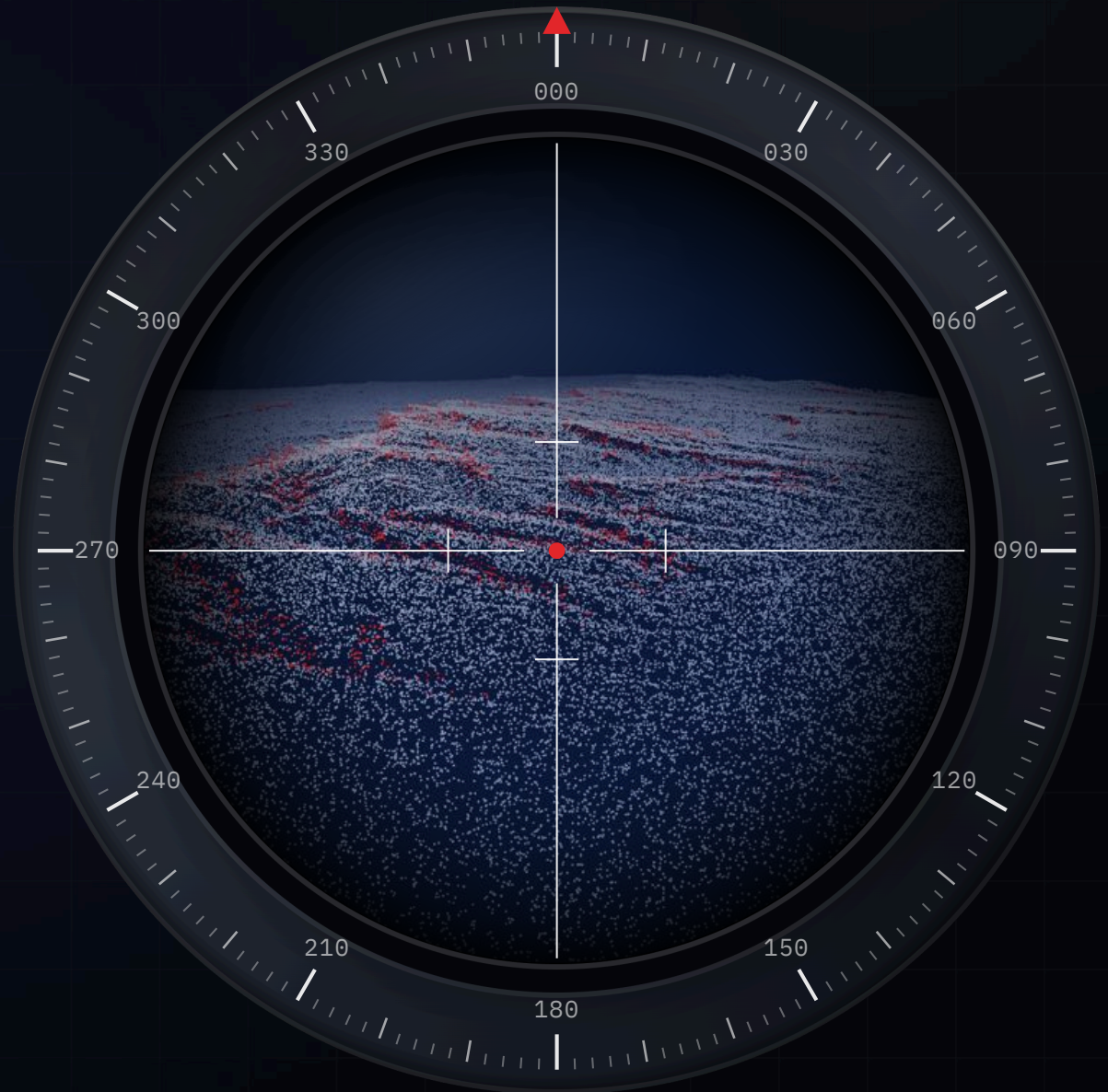
# Invest in Precision

For over a decade, we've delivered geomatics and geospatial solutions across the Kingdom of Saudi Arabia — accurate, consistent, and always on time.

STATION · RIYADH HQ

LIVE

|         |           |
|---------|-----------|
| HZ      | 024°41' N |
| V       | 046°43' E |
| EST.    | 10+ years |
| REGIONS | All 13    |
| SAFETY  | ISO 45001 |

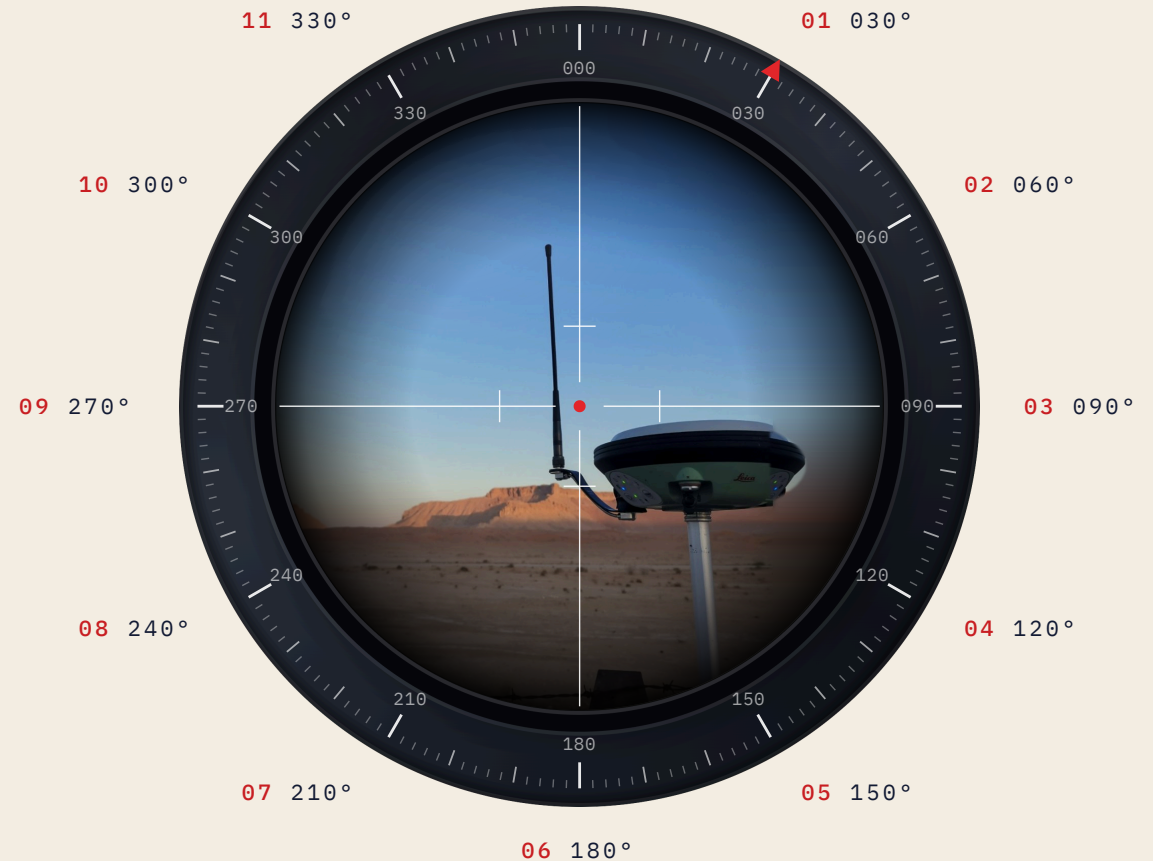


## — 00 CONTENTS

# Set up. Level. Take the reading.

Every section of this profile sits at its own bearing on the instrument ring, the way a surveyor books each observation from one station.

|    |                   |      |    |
|----|-------------------|------|----|
| 01 | Who we are        | 030° | 03 |
| 02 | Key facts         | 060° | 05 |
| 03 | Services          | 090° | 06 |
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RIYADH METRO • TRACK SURVEY

## 01 WHO WE ARE

# Areen Al-Tawaam Areen Geomatics

**Areen Geomatics**, part of Areen Al-Tawaam, is a Saudi establishment based in Riyadh, delivering professional land surveying across the Kingdom for more than ten years: consistent, accurate and on time. Experienced crews, latest-generation Leica and Trimble instruments, advanced software and an accountable team, from the first control point to the final as-built model.

## CREDENTIALS

## CHECKED

## SAFETY

**ISO 45001 certified**

## COVERAGE

**All 13 regions**

## FLEET

**Leica & Trimble**

## CREWS

**Own staff • own instruments**

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01 MISSION & VISION

# We **measure** what the Kingdom builds on.

**MISSION**

To ensure the longevity of our business by delivering premium-quality service, expert consultation and quality-assured products — supported by a team committed to advancing their professional skills.

**VISION**

To be a leading surveying solutions provider, delivering quality projects tailored to client needs with a focus on precision, professional management and value.

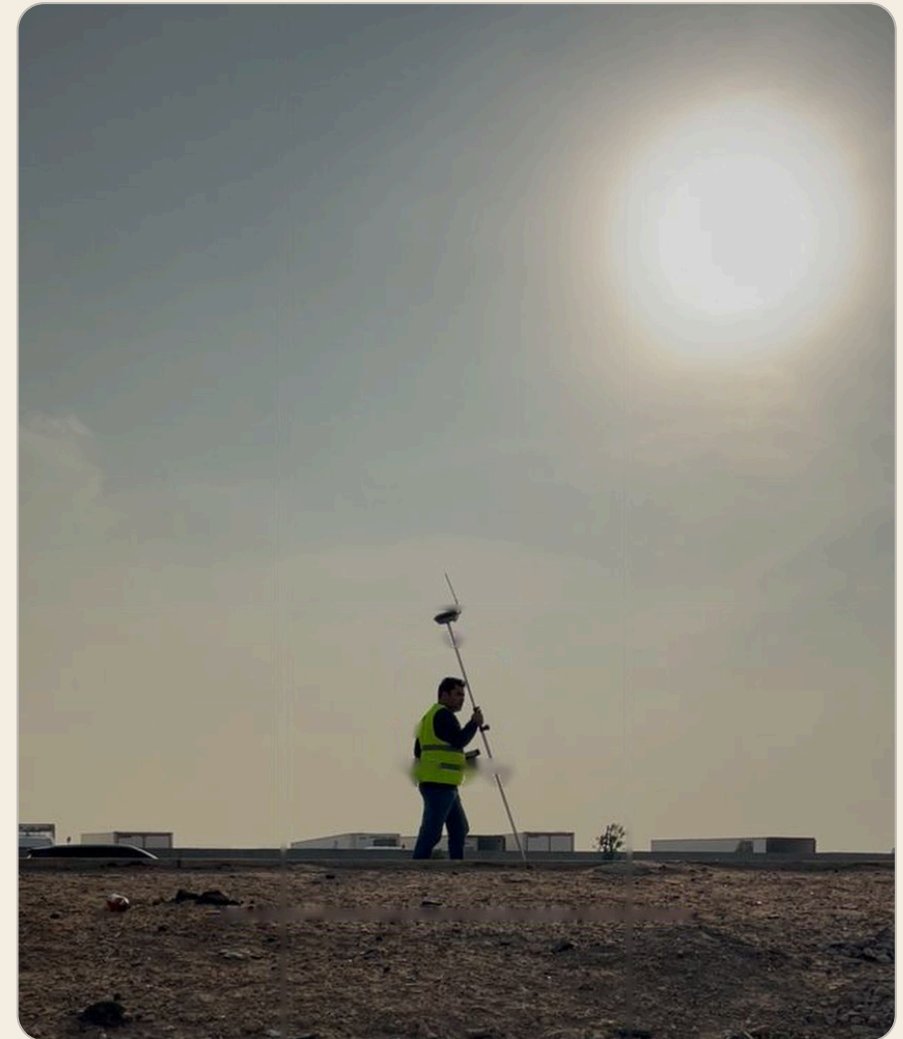
Invest in **Precision** → **Accuracy** → **Quality**

## 02 KEY FACTS

# Read straight from the field book.

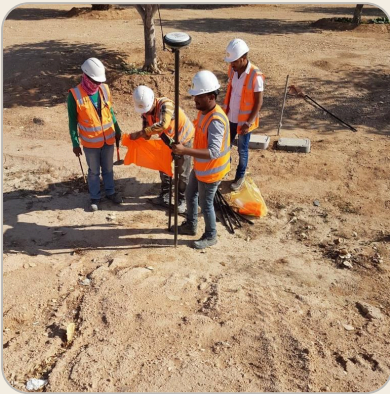
Every figure is measured, logged and checked – the same way our crews run a level line on site.

| STN | READING | REMARK                                                                  | CHK |
|-----|---------|-------------------------------------------------------------------------|-----|
| 01  | 10+     | Years surveying across the Kingdom                                      | ✓   |
| 02  | 04      | Capture methods · scan, GNSS, total station, levelling                  | ✓   |
| 03  | 13      | Regions we mobilise teams to                                            | ✓   |
| 04  | 74 km   | Rail marked for Alstom · SLV                                            | ✓   |
| 05  | 09      | Leica & Trimble instruments                                             | ✓   |
| 06  | 30+     | Clients & partners, from government bodies to international rail groups | ✓   |
| 07  | LOD     | Highest BIM detail we deliver from laser scans                          | ✓   |



GNSS ROVER · FIELD SURVEY

# Eight survey disciplines. **Accountable teams.**



01 / 08

## Boundary (Cadastral) Surveys

Parcel definition, boundary marking and government point checks.

YOU RECEIVE

- + Boundary coordinates
- + Corner marks set on site
- + Survey drawing & report



02 / 08

## Topographic Surveys

Detailed terrain and feature mapping for design and planning.

YOU RECEIVE

- + Topographic drawing (CAD)
- + Spot levels & contours
- + Feature & utility inventory



03 / 08

## Construction (Setting Out) Surveys

Layout and marking of works to design coordinates.

YOU RECEIVE

- + Setting-out marks
- + Check-survey records
- + Daily site support



04 / 08

## As-Built Surveys

A measured record of what was actually built, for handover and BIM.

YOU RECEIVE

- + As-built drawings
- + Deviation reports
- + Revit / BIM updates

# From control network **to BIM model.**



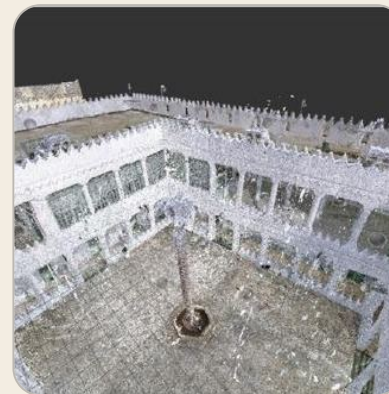
05 / 08

## Control Surveys

Establishing and verifying geodetic control networks.

YOU RECEIVE

- + Control point network
- + Coordinate & level schedules
- + Monitoring reports



06 / 08

## Scan to BIM

3D laser scanning to point cloud and Revit / BIM models.

YOU RECEIVE

- + Registered point cloud
- + 3D / Revit model up to LOD 500
- + Plans & sections



07 / 08

## GIS Applications

Spatial data, mapping and geographic information services.

YOU RECEIVE

- + GIS datasets
- + Thematic maps
- + Spatial data clean-up



08 / 08

## GPR Utility Detection

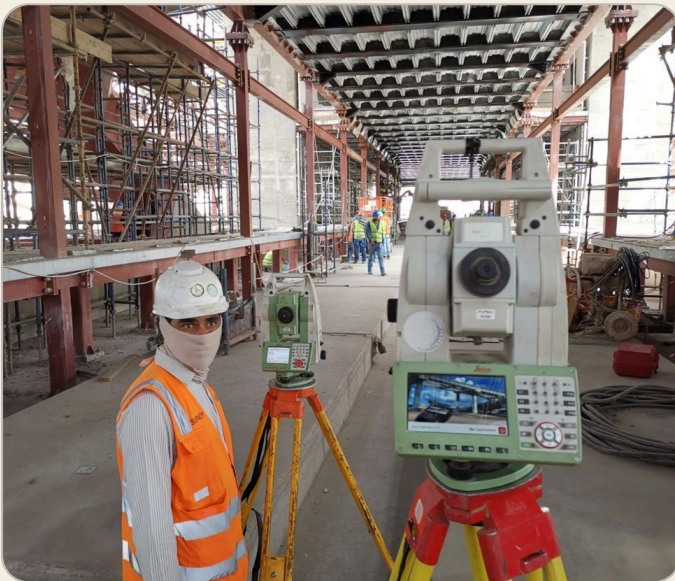
Ground penetrating radar to locate and map buried utilities.

YOU RECEIVE

- + Utility location plan
- + Marked services on site
- + Depth estimates

04 TECHNOLOGY

# Latest-generation instruments, calibrated and field-proven.



LEICA TOTAL STATION

3D LASER SCANNING 01 / 09

LEICA GEOSYSTEMS

## RTC360

3D laser scanner

Used at Erqa Hospital –  
Ministry of Culture

3D LASER SCANNING 02 / 09

TRIMBLE

## X12

Scanning total station

Used at Almurabba Palace

GNSS / GPS 03 / 09

LEICA GEOSYSTEMS

## GS14

GNSS receiver

RTK positioning & control  
networks

GNSS / GPS 04 / 09

TRIMBLE

## R10

GNSS receiver

RTK positioning & control  
networks

TOTAL STATIONS 05 / 09

LEICA GEOSYSTEMS

## TS15

Robotic total station

Setting out & as-built

TOTAL STATIONS 06 / 09

LEICA GEOSYSTEMS

## TS12

Robotic total station

Setting out & as-built

TOTAL STATIONS 07 / 09

LEICA GEOSYSTEMS

## TS06 plus

Manual total station

Setting out & check works

LEVELLING 08 / 09

LEICA GEOSYSTEMS

## DNA10

Digital level

Precise height levelling

LEVELLING 09 / 09

LEICA GEOSYSTEMS

## NA720

Automatic level

Height transfer & checks

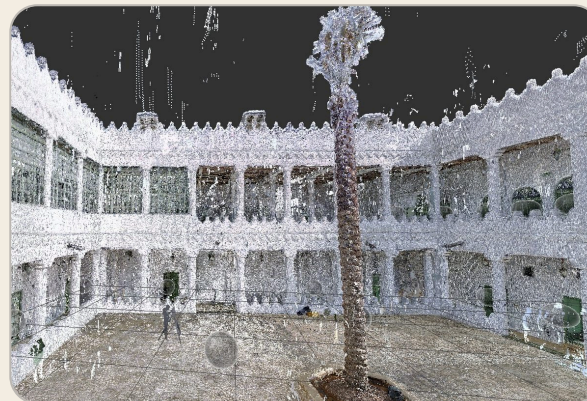
— 05 3D LASER SCANNING

# Millions of measured points. **One model you can build on.**

3D laser scanning turns a building into millions of measured points, then into a Revit model designers can build on — ideal for heritage and renovation.



01 PHOTOGRAPH



02 REGISTERED POINT CLOUD



03 REVIT MODEL

ALMURABBA PALACE • RIYADH • LEICA RTC360 AND TRIMBLE X12 IN AREEN'S FLEET • REVIT MODELS UP TO LOD 500



SITE SURVEY · CONSTRUCTION

## 06 PROJECTS

# Measured on site, delivered to the millimetre.

A selection of flagship work across four sectors. Areen has delivered many more projects than fit in this profile.

000° Rail &amp; Metro

090° Heritage &amp; Government

180° Commercial &amp; Leisure

270° Aviation &amp; Defense

ALMURABBA PALACE — AS-BUILT &amp; SCAN-TO-BIM

FEATURED

CLIENT

Tuya Home

LOCATION

Riyadh

SCOPE

2,800 m<sup>2</sup> historic palace · LOD 500  
Revit model

INSTRUMENT

Trimble X12

SITE AREA

2,800 m<sup>2</sup>

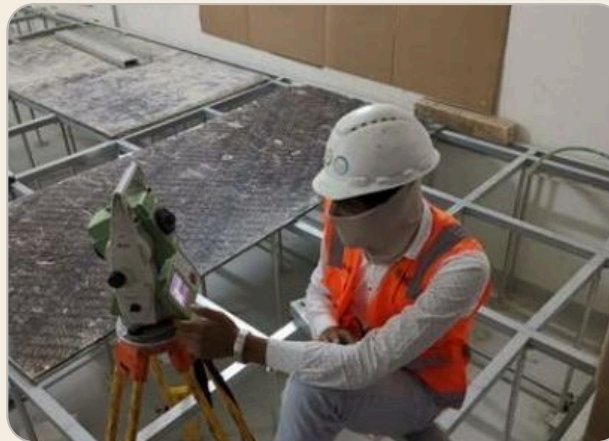


HERITAGE & GOVERNMENT · VISION 2030

## MOC – Erqa Hospital Heritage Modelling

A government hospital in Riyadh being renovated into a cultural centre. Using the Leica RTC360 we produced an accurate point cloud and 3D Revit model – including sections, plans and BIM deliverables – so the designers could work from reality.

| READOUT    | RIYADH                                       |
|------------|----------------------------------------------|
| CLIENT     | Ministry of Culture                          |
| SCOPE      | Point cloud to 3D Revit model · Leica RTC360 |
| INSTRUMENT | Leica RTC360                                 |



RAIL & METRO · VISION 2030

## Riyadh Metro – Control Equipment Marking

Marking in about 60 rooms along the metro lines – stations and depots – including the control machines in SER and CER rooms.

| READOUT | RIYADH                                       |
|---------|----------------------------------------------|
| CLIENT  | Alstom                                       |
| SCOPE   | About 60 rooms of SER & CER control machines |



RAIL & METRO · VISION 2030

## Riyadh Metro – Ultimate Phase Depot (L4 & 6)

Survey works for the Ultimate Phase workshop and maintenance area – surface preparation, foundation setting out, anchor bolts, track slab and track adjustment.

| READOUT | RIYADH                                             |
|---------|----------------------------------------------------|
| CLIENT  | Alstom                                             |
| SCOPE   | Foundations, anchor bolts, track slab & adjustment |



RAIL &amp; METRO · VISION 2030

## Riyadh Metro – Equipment Marking Along 74 km

Comparing and adjusting the scheme plan against the geodetic layout of the rails, then marking equipment locations – axle counters, beacons, point machines and more – along 74 km of the SLV.

| READOUT | RIYADH                                               |
|---------|------------------------------------------------------|
| CLIENT  | Alstom                                               |
| SCOPE   | Axle counters, beacons and point machines on the SLV |



RAIL &amp; METRO · VISION 2030

## Riyadh Metro – Platform Screen Doors

Platform screen door works relied on TJV and CJV coordination; we collaborated with every party to keep each element within the allowable range.

| READOUT | RIYADH                            |
|---------|-----------------------------------|
| CLIENT  | Alstom                            |
| SCOPE   | 28 stations across Lines 4, 5 & 6 |



COMMERCIAL &amp; LEISURE · VISION 2030

## MICE Building – Steel Elements Consultancy

Survey consultancy for Gulf Shade covering the MICE Building steel elements at Qiddiya – as-built verification, installation checks, core marking and inspection with the main contractor.

| READOUT | QIDDIYA                                                  |
|---------|----------------------------------------------------------|
| CLIENT  | Gulf Shade                                               |
| SCOPE   | As-built verification, installation checks, core marking |



HERITAGE & GOVERNMENT · VISION 2030

## Green Riyadh – GPR Utility Detection

Ground penetrating radar (GPR) survey for underground utility detection across East Riyadh, delivered for AJC – WSP as part of the Green Riyadh program.

| READOUT    | EAST RIYADH                                                |
|------------|------------------------------------------------------------|
| CLIENT     | AJC – WSP                                                  |
| SCOPE      | Underground utility detection for the Green Riyadh program |
| INSTRUMENT | <b>GPR</b>                                                 |



COMMERCIAL & LEISURE

## Riyadh Boulevard World – Landscape & Hardscape

Survey services for Buruj Construction Company covering landscape and hardscape works, including utility marking and benchmark verification.

| READOUT | RIYADH                                     |
|---------|--------------------------------------------|
| CLIENT  | Buruj Construction                         |
| SCOPE   | Utility marking and benchmark verification |



AVIATION & DEFENSE · VISION 2030

## Jeddah Airport – Shuttle Metro Extension

Survey works for Alstom's shuttle metro extension at Jeddah Airport, including track alignment checks, clearance and height measurements, and rail marking.

| READOUT | JEDDAH                                      |
|---------|---------------------------------------------|
| CLIENT  | Alstom                                      |
| SCOPE   | Track alignment, clearance and rail marking |



RAIL & METRO · VISION 2030

## Riyadh Metro Line 3 — Monitoring Survey

Monitoring survey including ground control point (GCP) establishment and verification.

| READOUT | RIYADH                                            |
|---------|---------------------------------------------------|
| CLIENT  | Riyadh Metro                                      |
| SCOPE   | Ground control point establishment & verification |



AVIATION & DEFENSE

## King Salman Air Base — Survey Consultancy

Survey consultancy services delivered for Webuild, Bawani and Shihb AlJazira (BSS).

| READOUT | RIYADH                                       |
|---------|----------------------------------------------|
| CLIENT  | Webuild · Bawani · Shihb AlJazira            |
| SCOPE   | Survey consultancy for the BSS joint venture |



AVIATION & DEFENSE

## King Khalid Airport Parking — Monitoring

A precise monitoring task for a critical old parking building at King Khalid Airport, to ensure the safety of the structure.

| READOUT | RIYADH                                               |
|---------|------------------------------------------------------|
| CLIENT  | Samsung C&T                                          |
| SCOPE   | Precise structural monitoring of a critical building |



## COMMERCIAL &amp; LEISURE

## ELM HQ — As-Built Survey, 8 Floors

As-built survey of the existing eight floors for Ram International — structural, architectural and MEP elements for accurate as-built documentation.

| READOUT | RIYADH                                      |
|---------|---------------------------------------------|
| CLIENT  | Ram International                           |
| SCOPE   | Structure, architecture & MEP documentation |



## COMMERCIAL &amp; LEISURE

## Prime Business Resort — Façade Survey

Façade survey for MAS Engineering & Construction Ltd across 67 buildings, including alignment and structural marking.

| READOUT | RIYADH                                               |
|---------|------------------------------------------------------|
| CLIENT  | MAS ECC                                              |
| SCOPE   | Alignment and structural marking across 67 buildings |



## HERITAGE &amp; GOVERNMENT

## Saeed Al-Shuhada Square — Topographic Survey

Detailed topographic survey of the square (175,000 m<sup>2</sup>) for Applus.

| READOUT | MADINAH                                               |
|---------|-------------------------------------------------------|
| CLIENT  | Applus                                                |
| SCOPE   | Detailed topographic survey of 175,000 m <sup>2</sup> |

— 07 AREAS WE SERVE

# All 13 regions. One Riyadh base.

Crews mobilise from Riyadh to every region of the Kingdom. Bearings and distances are measured from our head office.

| Region           | BRG  | DIST     |
|------------------|------|----------|
| ● Riyadh         | HQ   | 0 km     |
| ● Makkah         | 246° | 850 km   |
| ● Madinah        | 270° | 720 km   |
| Eastern Province | 060° | 390 km   |
| Qassim           | 304° | 320 km   |
| Asir             | 212° | 840 km   |
| Tabuk            | 294° | 1,080 km |
| Hail             | 303° | 580 km   |
| Jazan            | 207° | 970 km   |
| Najran           | 198° | 830 km   |
| Al Bahah         | 227° | 750 km   |
| Al Jawf          | 314° | 870 km   |
| Northern Borders | 323° | 890 km   |



## 08 CLIENTS &amp; PARTNERS

Trusted by leading contractors, **operators and consultants.**

Government bodies, international rail groups and Saudi developers build on our data.



# Measuring the ground **Vision 2030** is built on.



Every giga-project, metro line and restored landmark starts with accurate survey data. The **General Authority for Survey and Geospatial Information (GEOSA)** frames geospatial information as an enabler of Vision 2030 in its National Geospatial Strategy, anchored in the UN Integrated Geospatial Information Framework.

01

## A Vibrant Society

### Almurabba Palace

Scan-to-BIM · LOD 500 Revit model · Riyadh

### MOC – Erqa Hospital

Hospital to cultural centre, modelled from a point cloud · Riyadh

02

## A Thriving Economy

### Riyadh Metro with Alstom

74 km SLV marking · platform screen doors · depot · Riyadh

### Jeddah Airport shuttle metro

Extension works · Jeddah

### MICE Building, Qiddiya

A Vision 2030 giga-project · Qiddiya

03

## An Ambitious Nation

### Green Riyadh

GPR utility detection · AJC – WSP · East Riyadh

### Control & geospatial data

Precise control networks feeding BIM and digital twins, in line with GEOSA's national strategy · Kingdom

### ISO 45001

Certified occupational health & safety management · All sites

Areen Geomatics is a private company. References to Saudi Vision 2030 and its programs describe how our work aligns with the national vision; they do not imply official endorsement. Sources: [vision2030.gov.sa](https://vision2030.gov.sa) · [geosa.gov.sa](https://geosa.gov.sa) · [rcrc.gov.sa](https://rcrc.gov.sa)

— 10 HEALTH & SAFETY

# Safety managed as a system.

Our crews work on live metro lines, active construction sites and public squares. ISO 45001 certification means safety is managed as a system — planned, audited and improved — not left to chance.

CERTIFICATION

VALID

STANDARD

**ISO 45001**

SCOPE

Occupational health & safety management

SITES

Live metro lines · construction sites · public squares



ULTIMATE PHASE DEPOT · RIYADH METRO

11 CONTACT

# Let's discuss your project.

Tell us where and what you need measured.  
A surveyor, not a sales desk, replies within  
one working day.

STATION · RIYADH HQ

OPEN

MOBILE · WHATSAPP

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**AREEN**

GEOMATICS عرين جيوماتكس

