



2026

COMPANY PROFILE

Vision Brings Meaning to Maps

GEOTECHNICAL · SURVEYING · GEOINFORMATICS · LABORATORY ·
ENGINEERING · CONSTRUCTION

A Kuwait-based engineering services firm operating across the GCC since 2004 — delivering integrated geo-solutions to the upstream energy, infrastructure, defence, and built-environment sectors.

2004

ESTABLISHED

2,000+

CONTRACTS DELIVERED

55

SERVICES

5

ISO CERTIFICATIONS



General Trading & Contracting Company W.L.L.

WWW.VISIONKUWAIT.COM

Contents

VISION INTERNATIONAL · 2026

01	ABOUT OUR COMPANY	04
02	QUALITY & ACCREDITATIONS	05
03	STRATEGIC PARTNERS	06
04	SERVICES & PLATFORMS	07
05	SERVICE ARCHITECTURE (7 SECTORS / 55 SERVICES)	08
06	SURVEYING & SPATIAL DATA SERVICES	09
07	GEOTECHNICAL & SUBSURFACE INVESTIGATION	10
08	DRILLING & WELL SERVICES	11
09	ENGINEERING, DESIGN & CONSTRUCTION	12
10	LABORATORY, TESTING & INSPECTION	13
11	EQUIPMENT, RENTAL, MANPOWER & DIGITAL PLATFORMS	14
12	SPECIALIZED SAFETY & RISK SERVICES — LAND & MARINE	15
13	AVIATION & AIRPORT INFRASTRUCTURE	16
14	MAJOR CLIENTS	17
15	SAMPLE PROJECTS	18
16	MAJOR PROJECTS · AVIATION	21

About Our Company

LAND · MARINE · AERIAL — ESTABLISHED 2004

Vision International is a Kuwaiti engineering services firm established in 2004, delivering integrated geo-solutions on land, at sea, and from the air — across geotechnical investigation, land and marine surveying, geoinformatics, laboratory testing, engineering design, civil works, and specialized safety services. Over more than two decades we have grown from a focused survey practice into a full-spectrum engineering partner serving the upstream energy, infrastructure, aviation, marine, defence, and construction sectors throughout Kuwait and the GCC.

2004

ESTABLISHED

2,000+

CONTRACTS DELIVERED

55

SERVICES ACROSS 7 SECTORS

5

ISO CERTIFICATIONS

Capability & Reach

Our survey capabilities include 3D laser scanners, vehicle-mounted mobile-mapping systems, underground utility detectors, bathymetric instrumentation, and unmanned aerial systems. Our in-house geotechnical investigation fleet and ISO 17025-accredited laboratory deliver site characterization to international standards. Vision integrates engineering with IT to deliver enterprise solutions in GIS, BIM, and document management, and is registered with the Kuwait Central Authority for Information Technology (CAIT).

Land & Marine Capability

Onshore, Vision deploys MPW-registered survey crews, geotechnical drilling rigs, and an ISO 17025 laboratory. Offshore, we operate single-beam and multibeam echosounders, side-scan sonar, sub-bottom profilers, magnetometers, and CTD instrumentation from RHIBs to sea-going vessels, and deliver marine geotechnical boreholes, vibrocoring, and seabed CPT from jack-up platforms and barges — giving clients a single contractor for the full shoreline-to-seabed scope of ports, refineries, outfalls, and coastal infrastructure. Both land and marine operations are supported by in-house IMAS-qualified UXO/EOD teams, allowing survey, subsurface, and ordnance clearance to be delivered under one mobilization.

Sectors Served

Our clients are drawn from the oil & gas sector, the Directorate General of Civil Aviation and the Kuwait International Airport programme, ports and coastal infrastructure, the Ministry of Electricity and Water, the Ministry of Public Works, the Kuwait Municipality, Homeland Security, the Military, and the construction sector. The company and its partners have participated in numerous GIS and survey projects across the Gulf region.

Airport & Aviation Experience

Since 2016 Vision has provided continuous survey, subsurface, and geotechnical support to Kuwait International Airport — from control-network establishment for the new Terminal II, through utility investigation and as-built laser scanning, to geotechnical works for the Airport Surveillance Radar building and precision positioning of navigation-aid antennas for the operating airport.

Quality & Compliance

Vision operates under five integrated certifications: ISO 9001 (Quality), ISO 14001 (Environment), ISO 45001 (Occupational Health & Safety), ISO 20000-1 (IT Service Management), and ISO/IEC 17025 (Laboratory Competence — accredited by the International Accreditation Service (IAS), an ILAC-MRA signatory) — supported by an HSE-led culture and continuous staff certification.



Quality & Accreditations

FIVE ACTIVE CERTIFICATIONS

Vision International operates under five active management-system and accreditation certificates covering quality, environment, occupational health & safety, IT service management, and laboratory competence — independently audited and continuously maintained.



ISO 9001:2015

QUALITY MANAGEMENT SYSTEMS

CERT. NO.	23RN12FE
VALID FROM	11 Dec 2025
VALID TO	17 Dec 2026

ROYAL IMPACT CERTIFICATION LTD.
(RICL) · UAF ACCREDITED



ISO 14001:2015

ENVIRONMENTAL MANAGEMENT SYSTEMS

CERT. NO.	23RN12FF
VALID FROM	11 Dec 2025
VALID TO	17 Dec 2026

ROYAL IMPACT CERTIFICATION LTD.
(RICL) · UAF ACCREDITED



ISO 45001:2018

OCCUPATIONAL HEALTH & SAFETY

CERT. NO.	23RN12FG
VALID FROM	11 Dec 2025
VALID TO	17 Dec 2026

ROYAL IMPACT CERTIFICATION LTD.
(RICL) · UAF ACCREDITED



ISO 20000-1:2018

IT SERVICE MANAGEMENT SYSTEMS

CERT. NO.	23RN12FH
VALID FROM	11 Dec 2025
VALID TO	17 Dec 2026

ROYAL IMPACT CERTIFICATION LTD.



ISO/IEC 17025:2017

TESTING LABORATORY COMPETENCE

CERT. NO.	TL-1465
EFFECTIVE DATE	15 Jun 2026
ACCREDITED SCOPE	Geotechnical soil testing · Concrete

Strategic Partners

TECHNOLOGY & EQUIPMENT ALLIANCES

The forming of strategic partnerships gives us a competitive advantage and access to a broader range of resources and expertise. Our partnerships offer clients distinctive skill-sets and product lines that set us apart from the competition.

Trimble

AUTHORIZED GEOSPATIAL
PARTNER

Autodesk

BIM & CAD PLATFORMS

Esri

GIS SOFTWARE STACK

AVEVA

PLANT 3D & ASSET
MANAGEMENT

DELAIR

LONG-RANGE UAV SYSTEMS

ClearEdge3D

POINT CLOUD MODELING

SuperMap

GIS SOLUTIONS PARTNER

MDA Geospatial

EARTH OBSERVATION IMAGERY

Odoo

ENTERPRISE ERP & WORKFLOW

GMS GöçMakSan

DRILLING EQUIPMENT

Torc Star

BOLTING & HYDRAULIC TOOLS

Milwaukee · SPIT

POWER & CONSTRUCTION
TOOLS

Partner relationships span authorized resale, technical support, software platform integration, and field equipment supply across geospatial, engineering, and tooling categories.

Services & Platforms

TECHNOLOGY STACK

Vision delivers solutions on industry-leading platforms — combining proven commercial software with open-source frameworks and custom-developed tools. Our engineers and developers are certified across the platforms below.

Trimble

GEOSPATIAL · SURVEY ·
SCANNING

Autodesk

CIVIL 3D · REVIT · PLANT 3D

Esri

ARCGIS PRO · ENTERPRISE ·
ONLINE

QGIS

OPEN-SOURCE GIS

GeoServer

OGC WEB SERVICES

AVEVA

E3D · LFM · PLANT

ClearEdge3D

EDGEWISE · VERITY

.NET

CUSTOM DEVELOPMENT

Microsoft

AZURE · SQL SERVER

Oracle

ENTERPRISE DATABASE

Linux

SERVER INFRASTRUCTURE

Zebra

ASSET TRACKING · RFID

Service Architecture

7 SECTORS · 55 SERVICES

Vision's complete portfolio is structured into seven core service sectors covering the full lifecycle from subsurface investigation and survey, through engineering design and construction, to laboratory testing, equipment supply, and specialized risk services. Across all seven sectors, Vision delivers to airport, oil & gas, utility, municipal, and defence clients under a single quality system — enabling one contractor to cover survey, subsurface, laboratory, and geospatial scope without interface risk.

01 Surveying & Spatial Data Services

9 services

- Land & Cadastral Surveying
- Hydrographic Survey
- UAV Aerial Survey & LiDAR Mapping
- 3D Laser Scanning
- Mobile Mapping
- Underground Utility Detection
- Setting-Out & Construction Survey
- Photogrammetry
- Geodetic & Control Networks (VRS)

02 Geotechnical & Subsurface Investigation

7 services

- Onshore Geotechnical Investigation
- Offshore & Marine Geotechnical
- Geophysical Surveys
- Slit Trenching & Test Pitting
- In-Situ Testing (CPT · SPT · DCP)
- Pile Integrity & Load Testing
- Environmental Site Characterization

03 Drilling & Well Services

3 services

- Soil Boring & Coring
- Water Well Drilling
- Monitoring Well Installation

04 Engineering, Design & Construction

16 services

- Foundation Engineering & Design
- Structural Assessment
- Geotechnical Engineering Reports
- Civil Works · Roads · Earthworks
- BIM & 3D Modelling
- Geoinformatics & GIS Solutions
- Land Management Systems
- Application Development (Web · Mobile)
- Spatial Data Conversion
- Document Management Solutions (DMS)
- Enterprise GIS Integration
- Smart Governance Enablement
- GIS Consulting & Roadmap
- Managed GIS Services (24×7)
- Cartography & Map Production
- Remote Sensing & Image Processing

05 Laboratory, Testing & Inspection

8 services

- Soil & Aggregate Testing
- Concrete Testing
- Asphalt Testing
- Chemical & Environmental Testing
- NDT — Non-Destructive Testing
- Calibration Services (ISO 17025)
- Tank Calibration & Verticality
- Materials Inspection

06 Equipment, Rental, Manpower & Digital Platforms

11 services

- Equipment Sales (Trimble & Partners)
- Equipment Rental
- Professional Manpower Supply
- Technical Training & Certification
- Vision Connect Platform
- Fleet Management System
- VRS Network Subscription
- Software OEM & Licensing
- Field Controller Software
- Spare Parts & Consumables
- Maintenance & After-Sales Support

07 Specialized Safety & Risk Services

1 service

- UXO / EOD — Land & Marine · Survey · Clearance · Risk Education

Surveying & Spatial Data Services

MAPPING THE WORLD

Using the latest survey technology — reflectorless theodolites, robotic total stations, survey-grade GPS/GNSS, 3D laser scanners, vehicle-mounted mobile-mapping systems, ground-penetrating radar, electromagnetic detection, single-beam and multibeam echosounders, and unmanned aerial platforms — we deliver accurate, economical solutions across all aspects of land, marine, aerial, and airport surveying.

LAND & TOPOGRAPHIC SURVEY

Cadastral surveys, boundary verification, route surveys, and as-built drawings — supported by MPW-registered crews.

HYDROGRAPHIC & BATHYMETRIC SURVEY

Single-beam and multibeam echosounders, side-scan sonar, sub-bottom profilers, magnetometers, CTD units — deployed from inflatable RHIBs to sea-going vessels.

3D LASER SCANNING & MOBILE MAPPING

High-density point clouds for buildings, terminals, plants, tanks, bridges, and roadways — registered to project control with sub-millimetre accuracy and delivered as as-built 3D/BIM models.

CAD & CARTOGRAPHY

In-house draughting, professional cartography, and software development supporting end-to-end deliverable production.

GEODETIC & CONTROL NETWORKS

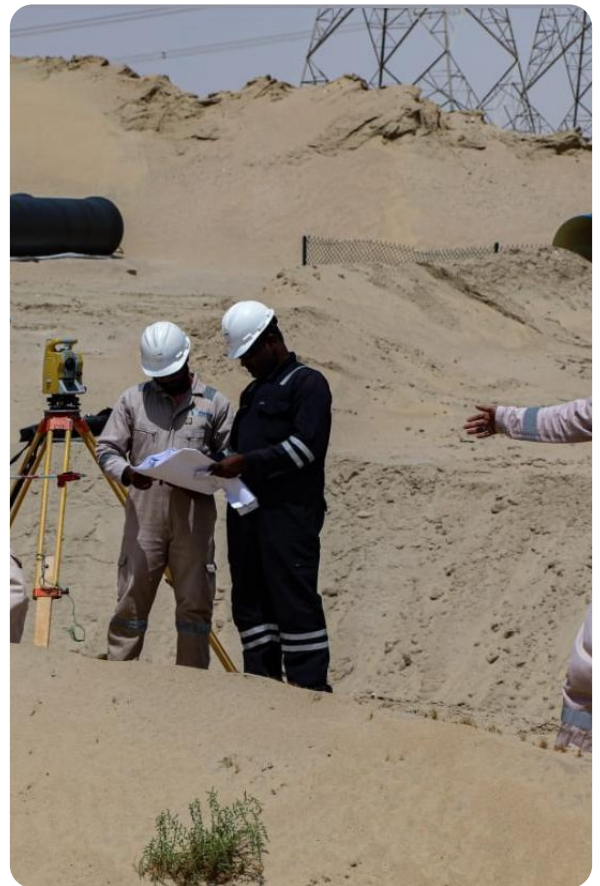
Establishment and measurement of primary and secondary survey control networks tied to the Kuwait VRS — including the control network for the New Kuwait International Airport — and DGPS precision positioning for critical infrastructure such as navigation and surveillance antennas.

UAV AERIAL SURVEY & LIDAR

Sub-5cm orthomosaics, DSM/DTM generation, stockpile volumetrics, and wide-area corridor mapping using fixed-wing and multirotor platforms.

UNDERGROUND UTILITY DETECTION

Combined GPR and EMD investigation, Quality Level B-A surveys, slit trenching verification, and clash-prevention mapping for excavation works in congested and security-controlled sites.



Geotechnical & Subsurface Investigation

FOUNDATIONS BEGIN HERE

Geotechnical investigation and exploration are the foundation of every construction project — design inputs require precise knowledge of soil and rock conditions. Vision operates a fleet of drilling rigs equipped to ASTM standards, supported by experienced engineers who deliver complete site characterization and foundation recommendations for refineries, tank farms, housing, and airport facilities.

ONSHORE INVESTIGATION

Boreholes, SPT, undisturbed sampling, cone penetration testing, dynamic cone penetrometer testing, plate-load testing, and packer tests.

GEOPHYSICAL SURVEYS

Seismic refraction, MASW, electrical resistivity, and downhole/crosshole methods for subsurface modeling.

ENGINEERING ANALYSIS

Bearing capacity, foundation type recommendations, settlement prediction, slope stability, subgrade characterization for pavement design, and seismic site response analysis.

OFFSHORE & MARINE

Marine boreholes, vibrocore, seabed CPT, and offshore site characterization from jack-up platforms.

SLIT TRENCHING & TEST PITS

Mechanical excavation for utility verification, fault-line investigation, and shallow soil profiling.

ENVIRONMENTAL CHARACTERIZATION

Contaminated land investigation, soil and groundwater sampling, and environmental compliance reporting.



Drilling & Well Services

SUBSURFACE ACCESS

Vision operates a multi-purpose drilling fleet — from compact track-mounted geotechnical rigs through truck-mounted core drills to higher-capacity water-well rigs. Our crews are certified to international standards and operate under strict HSE protocols across both routine and complex sites.

SOIL BORING & CORING

Auger drilling, rotary mud drilling, rock coring (NQ/HQ/PQ), and continuous SPT/CPT sampling for geotechnical investigation.

WATER WELL DRILLING

Shallow and deep water-well construction, casing installation, gravel-pack and grouting, and pumping/yield testing per MEW specifications.

MONITORING WELL INSTALLATION

Environmental monitoring wells, piezometer installation, multi-level sampling, and long-term groundwater monitoring infrastructure.



Engineering, Design & Construction

DESIGN · BUILD · OPERATE

Vision's engineering division combines geotechnical, structural, civil, and software engineering to deliver integrated solutions — from foundation design and structural assessment, through civil works execution, to enterprise BIM and GIS platforms. Our consultants and developers translate field data into working systems that operate over the asset lifecycle.

FOUNDATION & STRUCTURAL ENGINEERING

Foundation design, structural condition surveys, retrofit recommendations, and seismic assessments.

BIM & 3D MODELLING

As-built BIM from laser scans of terminals, plants, and structures; model integration with O&M and asset-management systems; clash-detection workflows; and handover-ready models for facility operators.

LAND MANAGEMENT

Land valuation support, parcel mapping, land-records data integration, and e-governance enablement.

CIVIL WORKS

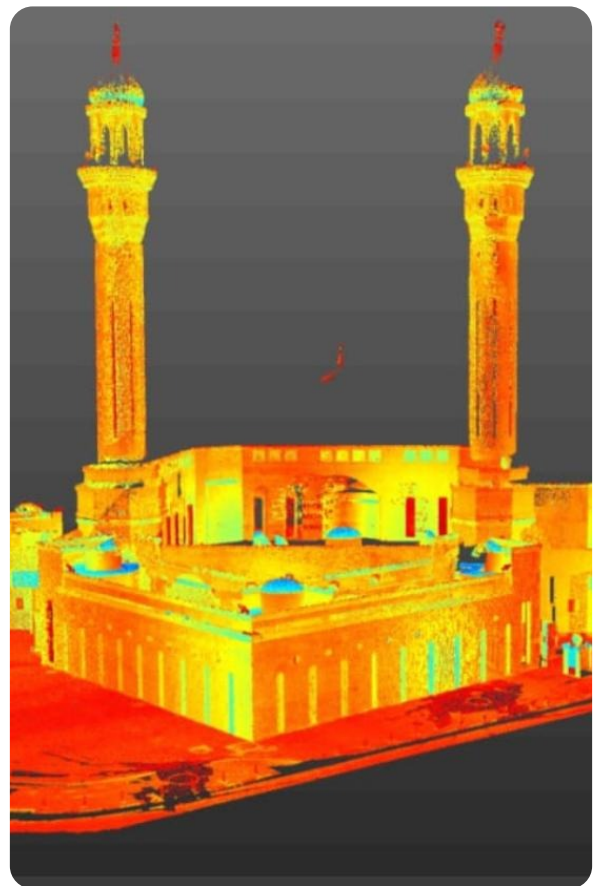
Earthworks, road construction, drainage, and supporting infrastructure across oil & gas, MPW, and KOC sites.

GEOINFORMATICS & GIS

Enterprise GIS architecture, spatial workflow design, application development, and managed services with 24×7 helpdesk.

SPATIAL DATA & CARTOGRAPHY

Image processing, satellite imagery interpretation, vectorization, cartography, and basemap production at any scale.



Laboratory, Testing & Inspection

ISO 17025 ACCREDITED

Our ISO 17025-accredited laboratory delivers materials testing, environmental analysis, and calibration services. The lab supports both Vision's own field operations and external clients across construction, oil & gas, aviation, and government sectors — under formal accreditation and with documented chain-of-custody.

SOIL & AGGREGATE

Classification, density, compaction, CBR, shear strength, consolidation, permeability, and gradation testing.

CHEMICAL & ENVIRONMENTAL

Soil chemistry, water-quality analysis, contaminated-land assessments, and environmental compliance reporting.

CALIBRATION

Survey instrument calibration, weighing equipment, force/torque, temperature, and dimensional metrology.

CONCRETE & ASPHALT

Compressive and flexural strength, slump, mix design verification, Marshall stability, asphalt extraction, and core testing for buildings, roads, and airfield pavements.

NDT

Ultrasonic testing, radiographic testing, magnetic particle, dye penetrant, and concrete NDT (Schmidt hammer · UPV).

TANK CALIBRATION

3D laser-scanned tank capacity tables, verticality and ovality verification, and storage-tank API certification support.



Accredited scope (IAS TL-1465) covers geotechnical soil testing and concrete compressive strength to ASTM/BS methods; further tests are performed to ASTM/BS methods under the same quality system.

Equipment, Rental, Manpower & Digital Platforms

END-TO-END RESOURCE PROVISION

Beyond services, Vision is an authorized equipment provider, manpower supplier, training partner, and digital platform operator. Clients can procure, rent, staff, train, and subscribe — all through a single integrated relationship.

EQUIPMENT SALES

Authorized Trimble dealer for Kuwait — total stations, GNSS, scanners, machine control, plus partner brands GMS, Torc Star, Milwaukee, SPIT.

PROFESSIONAL MANPOWER

Skilled survey, geotechnical, lab, and drilling crews on contract — vetted, certified, and managed end-to-end by Vision.

VISION CONNECT PLATFORM

Cloud-based fleet management and field-data platform — vehicle tracking, fuel optimization, driver behavior, real-time monitoring.

EQUIPMENT RENTAL

Short and long-term rental of survey instruments, drilling rigs, scanners, and UAVs — with technical support and consumables included.

TRAINING ACADEMY

Esri and Trimble certified trainers — GIS Foundation, ArcGIS Advanced, Cartography, Geo-data Management, ArcGIS for Server.

VRS NETWORK

Virtual Reference Station network coverage across Kuwait, with 24×7 corrections service for high-precision GNSS users.



Specialized Safety & Risk Services

UXO & EOD — LAND & MARINE

Vision's UXO/EOD specialists are qualified to International Mine Action Standards (IMAS) and deliver explosive ordnance risk mitigation on land and at sea — across construction, infrastructure, oil & gas, port, and coastal projects where unexploded ordnance from past conflicts remains a working hazard.

LAND UXO SURVEY & CLEARANCE

Magnetometer-based survey, target investigation, intrusive clearance, and verified hand-back of UXO-clear ground across desert, oilfield, and urban sites.

RISK MITIGATION PLANNING

Site-specific UXO risk assessment, contractor briefing, and integrated SHE management plans for high-risk areas.

STANDBY EOD SUPPORT

Standby EOD specialists during high-risk operations such as trenching, piling, earthworks, and marine construction in legacy battlefield areas.

CROSS-SECTOR INTEGRATION

Coordination with KOC, KNPC, MoD, MPW, DGCA, and US military stakeholders on multi-disciplinary projects.

MARINE UXO SURVEY & CLEARANCE

Towed and vessel-mounted magnetometer surveys, side-scan sonar and sub-bottom profiling for seabed target detection, target investigation, and clearance certification for dredging, pipeline, jetty, and outfall corridors.

RISK EDUCATION

Toolbox-talk delivery, on-site briefings for operators and surveyors, and IMAS-compliant awareness training.

COMPLIANCE & REPORTING

Documentation packages compliant with IMAS and MoD requirements — survey records, clearance certificates, and audit trail. Team qualifications and clearance records are available to clients on request.



Aviation & Airport Infrastructure

SURVEY · SUBSURFACE · GEOTECHNICAL · TESTING — AIRSIDE & LANDSIDE

Vision supports airport authorities, EPC contractors, systems integrators, and aviation consultants with the field data that airport design, construction, and handover depend on. Since 2016 our crews have worked continuously inside Kuwait International Airport — across three main contractors and both the construction and operational phases — under airside access, security, and permit-to-work protocols.

AIRSIDE & LANDSIDE TOPOGRAPHIC SURVEY

Runways, taxiways, aprons, terminal precincts, and landside roads and car parks; geodetic control networks tied to the Kuwait VRS and established to the airport's primary datum.

3D LASER SCANNING & AS-BUILT BIM

Terminal buildings, hangars, and airside structures captured as registered point clouds and delivered as as-built 3D/BIM models for design verification, ORAT handover, and O&M — as delivered for Terminal II.

GEOTECHNICAL INVESTIGATION

Boreholes, SPT, CPT, DCP, and plate-load testing for terminals, radar and navaid buildings, airfield pavements, and support facilities; subgrade characterization and foundation recommendations.

UXO/EOD CLEARANCE

Survey and clearance of airport expansion land prior to earthworks, with IMAS-compliant documentation.

PRECISION POSITIONING FOR NAVAIDS & SURVEILLANCE

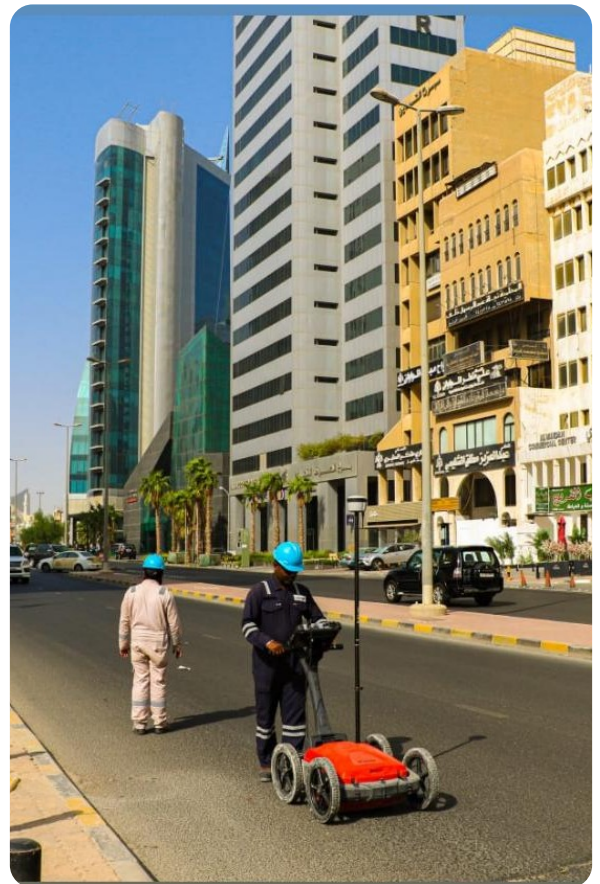
DGPS survey and repositioning of GPS, MLAT, and radar antennas to the tolerances required by system suppliers — delivered for ADB SAFEGATE at Kuwait International Airport.

SUBSURFACE UTILITY INVESTIGATION

GPR/EMD utility mapping and slit trenching before any excavation within airport boundaries — Quality Level B-A deliverables aligned to the airport's utility register.

MATERIALS TESTING & QA/QC (ISO 17025)

Soil, aggregate, asphalt, and concrete testing for airfield pavement and building construction, with documented chain-of-custody.



Major Clients

PUBLIC & PRIVATE SECTOR

The Company works closely with clients and owners from both the private and public sectors in Kuwait. Recent and ongoing engagements include:

GOVERNMENT & PUBLIC AUTHORITIES

- Directorate General of Civil Aviation (DGCA)
- Ministry of Public Works (MPW)
- Ministry of Electricity and Water (MEW)
- Kuwait Municipality
- Public Authority of Roads and Transportation (PART)
- Public Authority of Agriculture Affairs and Fish Resources (PAAF)
- Public Authority for Industry (PAI)
- Public Authority for Housing Welfare (PAHW)
- US Army Corps of Engineers

OIL & GAS

- Kuwait Oil Company (KOC)
- Kuwait National Petroleum Company (KNPC)
- Kuwait Integrated Petroleum Industries Company (KIPIC)
- Joint Operations, Wafra (KGOC)
- China National Petroleum Corporation (CNPC)

AVIATION & AIRPORT CONTRACTORS

- Limak İnşaat Kuwait SPC
- Limak Holding
- ADB SAFEGATE
- Alghanim International General Trading & Contracting Co. W.L.L.

EPC, ENGINEERING & CONSULTING

- Fluor Daniel Consultants B.V.
- AMEC / Amec Foster Wheeler
- Parsons Brinckerhoff International
- Halcrow Group Limited
- Pan Arab Consulting Engineers (PACE)
- SSH
- Michael Baker Jr. Inc. USA
- ROLTA Middle East
- Arabian Consulting Engineering Centre Co.
- Larsen & Toubro Limited (L&T)
- Daelim Industrial Co., Ltd.
- GS Engineering & Construction Corporation
- S.K. Engineering & Construction
- Consolidated Contractors Company (Kuwait) WLL
- Combined Group Contracting Company (K.S.C.C)
- WINTECO Corporation
- Arabi Enertech
- China Petroleum Engineering & Construction (CPECC)
- T D Williamson Middle East

CONTRACTING & SERVICES

- Kharafi National K.S.C. (Closed)
- Gulf Spic
- Gulf Rocks Company
- HOT Engineering and Construction Co.
- O & G Engineering Co. W.L.L.
- Almeer Technical Services Co. W.L.L.
- ALMEN
- Al-Essa Medical and Scientific Equipment Company
- Instruments Installation and Maintenance Company (IMCO)
- Touristic Enterprises Company
- Ahmadiya Contracting and Trading Company
- F&K Ibrahim Al-Shuwayer & Partners
- Al-Musairie National General Trading and Contracting Company
- Mezyad G Al-Ghanim Contracting Establishment
- Hally Trading & Contracting Corp.
- Emirates Dutch Star Engineering L.L.C.

Sample Projects

01 — KUWAIT INTERNATIONAL AIRPORT, KIPIC, KUWAIT MUNICIPALITY

01 Kuwait International Airport · Terminal II — 3D Laser Scanning & As-Built Modelling

CLIENT: Limak İnşaat Kuwait SPC

OWNER: Ministry of Public Works / DGCA

SECTOR: Aviation

STATUS: Completed

Under agreement with Limak İnşaat Kuwait SPC, Vision carried out 3D laser scanning of completed areas of the new passenger Terminal II at Kuwait International Airport, producing a registered point cloud and an as-built 3D model for design verification and handover. Scanning was executed inside a live construction site under airport security and permit-to-work protocols, with point clouds registered to the terminal's project control network and processed in Trimble Business Center.

02 KIPIC — GIS Project

CLIENT: Kuwait Integrated Petroleum Industries Company (KIPIC)

SECTOR: Oil & Gas

DURATION: 3 Years

Development of KIPIC facility management system and supporting KIPIC departments with the required GIS services — including spatial analysis, data management, GIS software development, GIS training and GIS technical support.

03 Kuwait Municipality — Parcel Handover

CLIENT: Kuwait Municipality

SECTOR: Government, Kuwait

STATUS: Completed

Vision succeeded in automating the delivery of lands to Kuwaiti citizens for Kuwait Municipality. Multiple technologies achieved coordinate accuracy of less than 2mm, eliminating manual error. The change moved from manual paper process to a computer-based workflow using the Kuwait Municipality VRS, robotic total stations, GPS, and Esri ArcGIS, plus a custom Geospatial solution implementing the full workflow.

Sample Projects

02 — FLEET MANAGEMENT, KOC, CPECC

04 Fleet Management System

CLIENT: Fleet tracking software

SECTOR: GPS

STATUS: Completed

GPS Tracking & Fleet Management System. Hardware and software components monitor key vehicle activity parameters and provide means to control drivers — accessible on a secure web-based platform. Designed for various-sized businesses across all transport types, with a user-friendly application monitoring fleet, drivers, and time. Mobile apps available for vehicle tracking on the go.

05 KOC Smart 3D Model

CLIENT: Kuwait Oil Company (KOC)

SECTOR: Oil & Gas

DURATION: 6 Months

Pilot project for 3D laser scanning and 3D modelling of one of the KOC facilities — developed and integrated with the internal asset management system, GIS systems, and Electronic Work Order Platform. Used Trimble SX10 laser scanner, Trimble Business Center, Trimble EdgeWise, Autodesk Plant 3D, and Bentley OpenPlant 3D. Scope included asset database design, integration planning, and outputs validation across 4D, 5D, and 6D dimensions.

06 3D Scanning & Processing

CLIENT: China Petroleum Engineering & Construction (CPECC)

SECTOR: Oil & Gas

DURATION: 2 Months

3D laser scanning for 3 KOC facilities for disposal water treatment — WARA Project in Kuwait Oil Company. Project deliverable was Point Cloud format processed using AVEVA LFM Server, with high-density point cloud and bubble view in AVEVA E3D format. Equipment: Trimble SX10 Laser Scanner, Trimble TX8 Laser Scanner, Trimble Business Center, and LFM Server.

Sample Projects

03 — KNPC TANKS, WAFRA MOBILE SCANNING

07 KNPC Laser Scanning & Verticality Measurement

CLIENT: KNPC

SECTOR: Oil & Gas

DURATION: 2 Months

The project was developed to capture point cloud data for one of the under-construction facilities for KNPC. The purpose was to develop a 3D scan and perform verticality calculation for steel structure.

08 KNPC — 3D Laser Scanning for Tanks Calibration

CLIENT: KNPC

SECTOR: Oil & Gas

DURATION: 1 Month

3D laser scanners to capture very accurate, factual information. Captured data was analyzed in the office to provide simple coordinates of objects, length measurements and diameters, angular or tilt information, shape information (such as roundness), area and volume measurements, and deformation/change in objects over time.

09 Mobile 3D Scanning & Processing — Wafra Project

CLIENT: Joint Operations, Wafra

SECTOR: Oil & Gas

STATUS: Completed

Using Trimble MX2 Mobile Mapping — a vehicle-mounted spatial imaging system combining high-resolution laser scanning and precise positioning to collect geo-referenced point clouds for the roads in Wafra, in addition to the surroundings including terrain, power line transmission towers, conductors, and other artifacts.

Major Projects

AVIATION · KUWAIT INTERNATIONAL AIRPORT

Vision has provided continuous survey, subsurface, and geotechnical support to Kuwait International Airport since 2016 — from control-network establishment for the new terminal, through utility investigation and as-built scanning, to navigation-aid antenna positioning for the operating airport.

AVIATION 01

PROJECT	DGPS Survey — Repositioning of GPS and MLAT Antennas, Kuwait International Airport
CLIENT	ADB SAFEGATE
OWNER	Directorate General of Civil Aviation (DGCA)
PERIOD	2026 – Ongoing

AVIATION 02

PROJECT	Topographic Survey and Geotechnical Investigation — Airport Surveillance Radar (ASR) Building
CLIENT	Alghanim International General Trading & Contracting Co. W.L.L.
OWNER	Directorate General of Civil Aviation (DGCA)
PERIOD	2024 – Completed

AVIATION 03

PROJECT	Subsurface Utility Investigation — KIA New Passenger Terminal II and Car Parking Project
CLIENT	Limak İnşaat Kuwait SPC
OWNER	Ministry of Public Works (MPW) / DGCA
PERIOD	2021 – Completed

AVIATION 04

PROJECT	3D Laser Scanning and As-Built 3D Modelling — KIA New Passenger Terminal II
CLIENT	Limak İnşaat Kuwait SPC
OWNER	Ministry of Public Works (MPW) / DGCA
PERIOD	2019 – Completed

Major Projects

SURVEY · PART 1

SURVEY 01

PROJECT	Topographic Survey & Underground Services for Survey and Engineering Drafting Services
CLIENT	Mezyad G Al-Ghanim Contracting Establishment
OWNER	Joint Operations, Wafra

SURVEY 02

PROJECT	Survey and Establishment of VRS Network within the State of Kuwait
CLIENT	Kuwait Municipality
OWNER	Kuwait Municipality

SURVEY 03

PROJECT	Calibration and Verticality Survey of Storage Tanks
CLIENT	Kuwait National Petroleum Company
CONTACT	Eng. Haider Husain Abdulla Atash
OWNER	Kuwait National Petroleum Company, Shuaiba Refinery

SURVEY 04

PROJECT	In-line Inspection Services for Underground Pipeline and Establishment of Above-Ground Markers
CLIENT	T D Williamson Middle East
CONTACT	Mr. Solomon Koshy
OWNER	Kuwait Oil Company

SURVEY 05

PROJECT	Topographic Survey and Volumetric Survey for Remediation of Contaminated Soil in South and East Kuwait
CLIENT	GS Engineering & Construction Corporation
OWNER	Kuwait Oil Company

Major Projects

SURVEY · PART 2

SURVEY 01

PROJECT	Topographic Survey, Underground Services, Slit Trenching and Geotechnical Investigation for New Local Marketing Depot at Al Matla MAA / SHU Refinery and Matla Depot
CLIENT	AMEC
OWNER	Kuwait National Petroleum Company

SURVEY 02

PROJECT	Topographic Survey, Underground Services, Slit Trenching and Geotechnical Investigation for Replacement of 14 No.'s old Substation, MAA Refinery
CLIENT	AMEC
OWNER	Kuwait National Petroleum Company

SURVEY 03

PROJECT	Topographic Survey, Underground Services and Slit Trenching for Front End Engineering Design (FEED) for 5th Gas Train Project, MAA Refinery
CLIENT	AMEC
OWNER	Kuwait National Petroleum Company

SURVEY 04

PROJECT	Topographic Survey and Field Verification for Preparation of a Consolidated Zoning Code and Zoning Regulations and Urban Planning
CLIENT	SSH
OWNER	Kuwait Municipality

SURVEY 05

PROJECT	Topographic Survey & Underground Survey Slit Trenching Services, Offshore Geotechnical Investigation, Onshore Geotechnical Investigation, Bathymetric and Met-Ocean Survey for Revamp of Sulphur Handling Facilities Project, MAA Refinery, KNPC Al-Ahmadi
CLIENT	Daelim Industrial Co. Ltd.

Major Projects

SURVEY · PART 3

SURVEY 01

PROJECT	Topographic Survey & Underground Survey Slit Trenching Services, Fluid Catalytic Cracker (FCC) Project, MAA Refinery, KNPC Al-Ahmadi
CLIENT	Daelim Industrial Co. Ltd.
OWNER	Foster Wheeler, KNPC

SURVEY 02

PROJECT	Engineering Survey Services — Symphony Hotel Complex
CLIENT	Emirates Dutch Star Engineering L.L.C.

SURVEY 03

PROJECT	Kuwaiti Commander Base at Jahra
CLIENT	Hally Trading & Contracting Corp.

SURVEY 04

PROJECT	Ministry of Electricity and Water Cable Laying and Civil Works for 132kV XLPE Cables Route Survey Works and As-Built Drawings — Establishment of Survey Control Network and Topographic Survey: Phase 1
CLIENT	Consolidated Contractors Company (Kuwait) WLL

SURVEY 05

PROJECT	Engineering Survey Services — Alignment Survey Inside KNPC Mina Abdullah Refinery
CLIENT	Kuwait National Petroleum Company (KNPC) & O&G Engineering

SURVEY 06

PROJECT	Laser Scan Survey — Manpower
CLIENT	BCL — Dubai

Major Projects

GEOTECHNICAL INVESTIGATION

GEOTECH 01

PROJECT	Geotechnical Investigation Services on the sites of Package 2 and Package 3 of the New Refinery Project at Al-Zour in Kuwait, prior to the construction of storage tanks in the two areas
CLIENT	WINTECO Corporation
OWNER	Kuwait National Petroleum Company

GEOTECH 02

PROJECT	Geotechnical Investigation Services at Zone-1 of the Site for Construction of Low-cost Houses at Salmi
CLIENT	WINTECO Corporation
OWNER	Public Authority for Housing Welfare (PAHW)

GEOTECH 03

PROJECT	Geotechnical Investigation and Excavation of Slit Trenches as Consultancy Services for the Supply of Gas Oil from the Shuaiba Tank Farm in Mina Abdulla Refinery (MAB) to the Ministry of Electricity and Water pipelines and pumping facilities for the Refineries at Mina Al-Ahmadi Refinery (MAA)
CLIENT	Amec Foster Wheeler K.
OWNER	Kuwait National Petroleum Company (KNPC) & O&G Engineering

GEOTECH 04

PROJECT	Geotechnical Investigation Services on the site of Upgrading of Existing Export Facilities at North Tank Farm (NTF) and South Tank Farm (STF) at KOC area, Kuwait, prior to the construction of upgradation works in the two areas
CLIENT	Arabi Enertech
OWNER	Kuwait National Petroleum Company (KNPC) & O&G Engineering

GEOTECH 05

PROJECT	Topographic Survey and Geotechnical Investigation — Airport Surveillance Radar (ASR) Building, Kuwait International Airport
CLIENT	Alghanim International General Trading & Contracting Co. W.L.L.