



Al Amakin for Engineering Consultancy

Specialized in Surveying, Mapping and Aerial Photography



Address:

Al Amakin for Engineering Consultancy
Emirates Islamic Building,
Office No: 803, 8th Floor
Hamad Bin Abdulla Road |Fujairah| UAE.
Contact Details: +971 50 261 7097

Email: - salesamakin@gmail.com, amakinsurveyworks@gmail.com

مختصون في المسح الجوي والأرضي وتحليل البيانات ورسم الخرائط



Introduction



Al Amakin is a 100% United Arab Emirates based company, accredited provider of Aerial, Land Survey AutoCAD, 3D Laser Scanning, BIM & Geospatial solutions for the acquisition, management, integration and dissemination of geospatial data and construction consultancy work. Al Amakin provides end-to-end solutions to the Aeronautics, Defense, Government, Infrastructure, Natural Resources Oil & Gas, Mining Transportation, Real estate, Construction and Utility sectors.

Al Amakin gather and collaborate with the highly qualified and experienced professionals to serve. As each individual gathered experience across diverse geospatial and construction industries, in disciplines like terrestrial solutions, land & as built surveys, AutoCAD (2D&3D) services, 3D laser scanning, BIM & geospatial solutions and systems integration. Our qualified teams have developed a reputation for skilled project management, technical expertise, service quality, capacity and customer service. Our multi-disciplinary project teams pull resources from each specialty to deliver single-window solutions to clients.



Drone Services



Conventional Survey



3D Laser Scanning



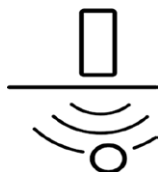
GIS Mapping Services



CAD & BIM Services



Consultancy Services



Underground Utility Survey



Marine Survey



Specialised in surveying, mapping and aerial photography.

Contributing Sectors

Al Amakin is always ready to contribute our services and for to challenge with stand in the present competitive market. We as an organization targeting into these verticals listed below.



Why Choose Al Amakin?

- **Honesty, Integrity and Trust**

This is integral to every practice and decision in the business. Our reputation depends on it.

- **Client Orientation**

Great relationship with our client is key to success. We work closely with our client so that we can fully understand and respond to their needs.

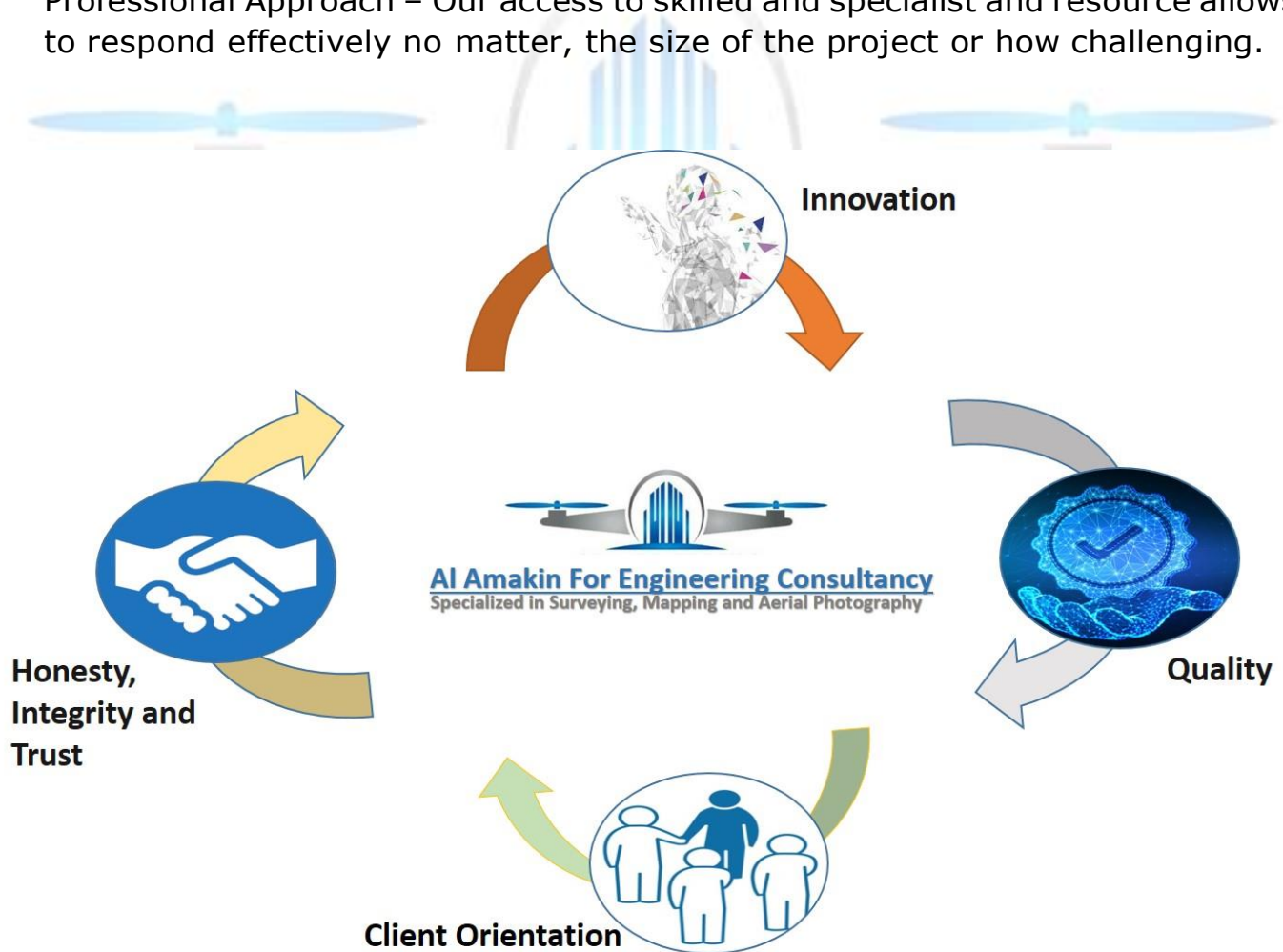
- **Innovation**

Our innovation is what sets us apart, whether we're offering unique product or challenging.

- **Quality**

We're committed to quality at every level of the business.

Professional Approach – Our access to skilled and specialist and resource allows us to respond effectively no matter, the size of the project or how challenging.



Director Message

I have established Al Amakin company with a global vision and aspiration. After gathering the knowledge and experience in the field of survey, geospatial, geology and civil consultancy. Our main aim serves the nation with an honest, integrity and trust with a quality deliverable.

We are start-up and growing. Our promising professional team and latest technology meet our client requirements in order to service both stable and growth markets, within existing or new customers.

Each day is a new day, dawned with new challenges appearing on the horizon to be scaled, along with our team of professionals and experts take these challenges as targets and successfully achieve them accordingly up to the meet our esteemed customer needs.



Again, I am proud that Al Amakin is 100% United Arab Emirate company and seeking a constant growth along with our nation.

AL AMAKIN SERVICES

Drone Services

Al Amakin implements the latest in cutting edge technology in combination with a highly skilled team of personnel to enhance capabilities and deliverables for our clients. UAV (Unmanned Aerial Vehicle) or Drone technology, has change the traditional way of inspection and data collection. This technology will reduce this time drastically and also require a smaller workforce.



We offer photogrammetry which generates data for point clouds, orthophotos and 3D models with great accuracy. We have, as on date, surveyed a large number of building structures, utilities, mining projects, construction progress documentation heritage & archaeological areas and environmental projects using UAVs.



Acquisition



Upload



Photography



Analytics



Business Insight



Specialised in surveying, mapping and aerial photography.

Drone Applications

- Topographic 2D & 3D Mapping
- Mining Mapping
- Utility Mapping
- Urban Mapping
- Heritage & archaeological Mapping
- Agricultural Mapping etc.

Deliverables

- Digital Elevation Models (DEM)
- Digital Terrain Models (DTM)
- Contours of varying intervals
- Cut and Fill modelling
- Ortho-rectification imagery
- Videos & Images.

Convectional Survey Services

Most of the geospatial solutions lies on the survey data accuracy and we capture or collect the data through survey capability from land. We pull the industrial exporters to capture the data. we provide survey expert team and equipped with land equipment, the Survey team provides accurate and critical layer of data for our survey solutions. The team also capable to delivers surveying services directly to the local, state, and federal governments, and private sector organization involved in engineering, construction, forestry, mining and minerals.



- Land Surveying & Leveling
- Topographic Survey
- Cadastral Survey
- Demarcation Survey
- Setting out Survey
- Earthworks Volumes
- As- Built Survey
- Establishment of Control Station & Bench Marks

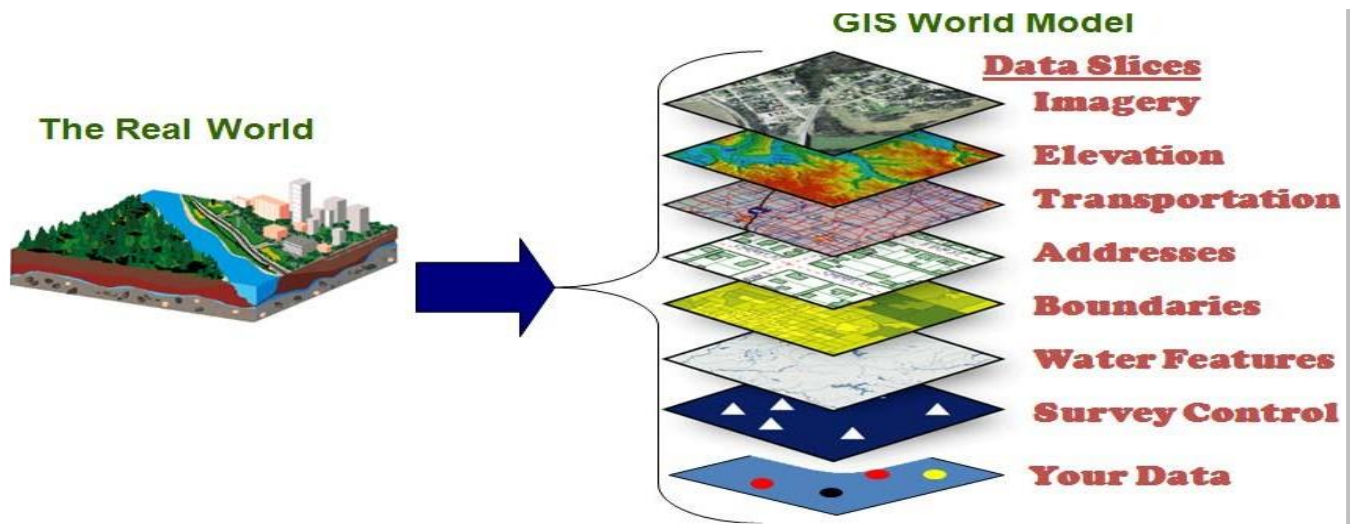


Deliverables:

- 2D .dwg
- Topographic Map
- Contours of varying intervals
- Cut and Fill Calculations
- As-Built Drawings.

GIS Services

We bring and play with the latest technology and best in industry solution and services to our esteemed clients to meet their need with expertise and strategic planning & partners. we have the unique capability to provide key engineering services for planning, execution, as well as operational phase of key public assets project, engineering designs, mining, utilities, all the way to maintenance and support.



GIS is vast variety of subject and many applications related to the different needs. As of now we are steam lined some of the services (Applications) listed below.

Applications

- Topographic 2D & 3D Mapping
- Mining Mapping
- Utility mapping & Heritage Maps.
- Urban Mapping
- Data Conversion Outputs

Outputs

- Digital Elevation Models (DEM)
- Digital Terrain Models (DTM)
- Contours of varying intervals
- Thermal Mapping
- 2D & 3D Mapping

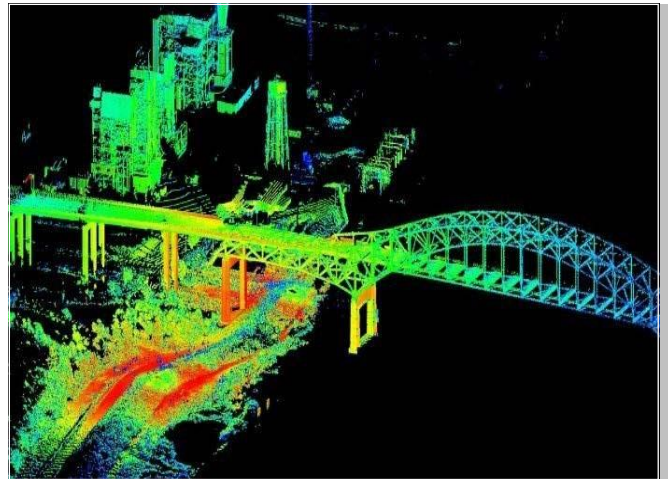


Specialised in surveying, mapping and aerial photography.

3D Laser Scanning Services

We adopt the latest technology to capture the reality which is highly effective method of rapidly capturing as-built information in rich detail. Our digital point cloud is very precise for the recoding accurate measurements and documenting as 3D Models. 3D Laser Scanning has shown itself to be quicker, safer and more accurate than other measurement techniques.

Our expertise professionals bagged an experience and develop relationship with 3D laser scanning and also our scanner suitable for all commercial uses, from high density, low light process plants to larger open industrial spaces. Our scanners can capture up to two million points per second which we transform into detailed colored point clouds.

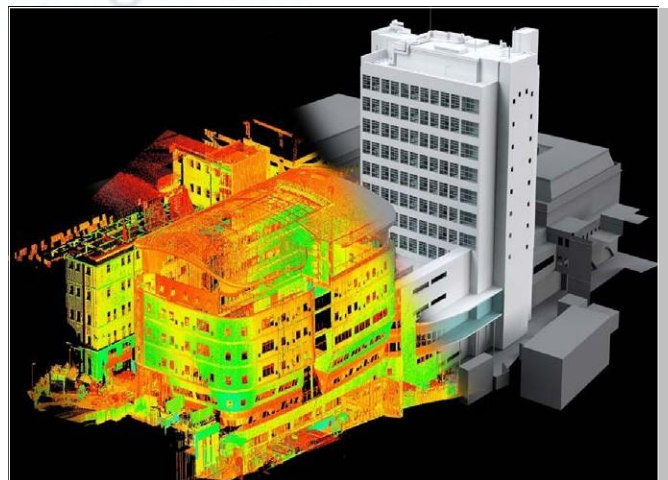


Applications

- Oil & Gas
- Process Plants
- Buildings & Construction – Interior & Exterior
- Ships & Offshore Platforms
- Road & Railside Assets
- Rock & Ground Formations
- Mining & Cliff Faces
- Large Equipment.

Laser Scanning Deliverables

- 3D Point Clouds Data (Raw Data)
- 3D BIM Models
- 2D CAD Drawings (elevations, plan views, section details)
- Volume calculation with Report
- Tank/vessel volumetric information
- Meshing / Surface Models Virtual Walk through.



CAD & BIM Services

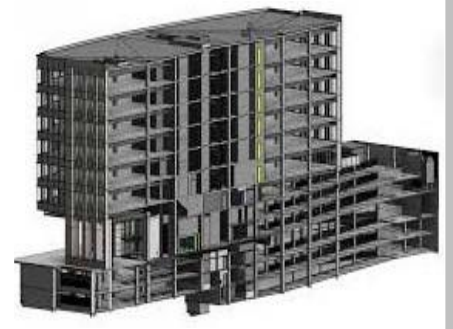
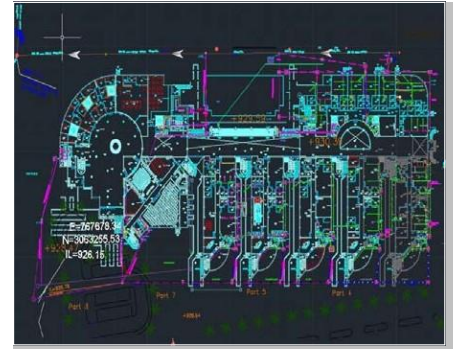
We are the Professionally strong in offering design support services across the industrial architecture, engineering, and construction. Our experienced & skilled team included architects, engineers, interior designers, and CAD technicians. Our senior management encourage to explore latest cutting-edge technology available in the market. With the right mix of talent and domain expertise, in past our team designed a seamless process to offer Architectural CAD and BIM services. We want give a best service to our clients like CAD documentation service, BIM service, Conceptual services, CAD to BIM and MEP services in different applications.

CAD Services

- AS-Built drawings
- AutoCAD MEP
- Structural detailing
- Architectural drafting and design
- pdf to CAD conversion BIM Services

BIM Services

- BIM coordination
- Revit MEP & F
- RevitArchitectural
- RevitStructural
- Energy modelling



Consultancy Services

We do this by solving and simplifying complex problems to help our clients build things with peace of mind. Al Amakin is a multi-disciplined engineering consulting firm. Spire serves a variety of industries and project types. Spire is committed to delivering excellence to contractors, owners, engineers, architects and financial institutions by maintaining the highest standards of quality for consulting services within the oil & gas, commercial, mining and construction industry.

Our Main services are:

- Project Planning
- Construction management Consultancy
- Project Management
- Training and
- Calibration.



Marine Services

Our Team always up for the exploring the new technology in field of navigation and geospatial. we pull the industry experts to our roof. We as a professional we have a strong association in global range. We started from a simple basic hydrographic survey map to final product validation and maintenance. By maintaining the hydrographic standards.



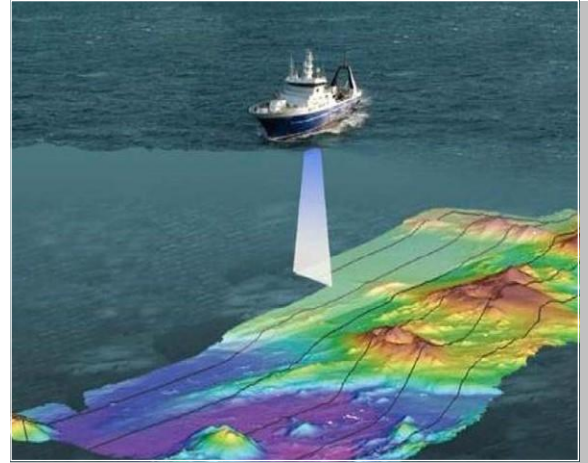
Specialised in surveying, mapping and aerial photography.

Applications

- Satellite Derived Bathymetry (SDB)
- Coastal effective mapping
- Validation and Maintenance
- Tidal Monitoring

Marine Data Deliverables

- Navigational Charts
- Coastal Maps
- Tidal Data
- Thermal Maps



The Importance of Hydrography

- Environmental protection and management
- National marine spatial data infrastructures
- Recreational boating
- Maritime boundary delimitation
- Maritime defense and security
- Coastal zone management
- Marine science

Underground Utility Survey

Al Amakin has always chosen for the latest technology to identify the underground utilities under the qualified professionals. The purpose of an Underground Utility Survey is to produce a three (3) dimensional drawing or site mark up of all underground utilities in a particular area. In a cost-effective manner. Underground Utility Surveys detect all drainage, foul sewer, water main, oil and gas lines, power cables, fiber optic cables, telecom cables and ducting. Our proven professional and technology is supporting the all commercial, Industrial and urban needs.

Application:

- Transport Infrastructure
- Industrial and Commercial
- Oil & Gas
- Private and Residential
- Construction Sites
- Technical Report
- 2D/3D Auto CAD drawings
- Drawings in PDF Format
- Sub Surface Cross Section

Utility Survey output:

