

ENGINEERING HORIZONS GROUP

Bringing Technology To Your Horizons



Engineering
Horizons



ENGINEERING HORIZONS GROUP



A Technology Solutions Company

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Engineering Horizons is an established company defining advanced technical solutions for clients globally, the company was originally formed in 2006 as a UK registered entity, more recently in 2019 and 2021, the company has established its Iraq and UAE registered entities that allow us direct access to the lucrative Iraqi and GCC markets.

The company has access to a number of extremely talented and industry-recognized individuals that allow Engineering Horizons to provide truly world-class service. While we do not own our own products, our strengths are in harnessing the best of the technologies available on the market and applying these in the best way to obtain the most optimal solutions for our clients.

We have worked in the following countries:

- Italy
- The UK
- Egypt
- Libya
- Angola
- Turkey
- Jordan
- Iraq
- UAE
- Qatar
- Kuwait
- Canada



Message From The CEO

Our goal is to achieve technical excellence for our clients and customers, this can only be achieved through our people. Pushing the technological boundaries is achieved through having motivated and skilled staff.

Our industry is moving more and more into the digital space, with digital oilfield technology, automation, big data and data science taking over, we want to ensure that our clients stay ahead of the competition.



Engineering Horizons is an international upstream oil and gas services company providing technical expertise and cost-effective technology solutions to clients globally. We have an internationally experienced culturally diverse and highly skilled team of professionals who are determined to provide innovative and efficient solutions to our clients and help them to achieve their objectives.

Our core business has been consultancy and training which have proved to be extremely important and valuable to obtain our recognized status, trust in clients, and recognition for our capabilities. Our move into the middle east through the opening of our UAE and Iraq offices has been a key step forward to further open new avenues for the business including Digital and Technology deployments as well as the sale of Quality Products, but with the core business remaining to be consultancy and training in the fields of Petroleum/Reservoir Engineering with an extra focus on Artificial Lift.

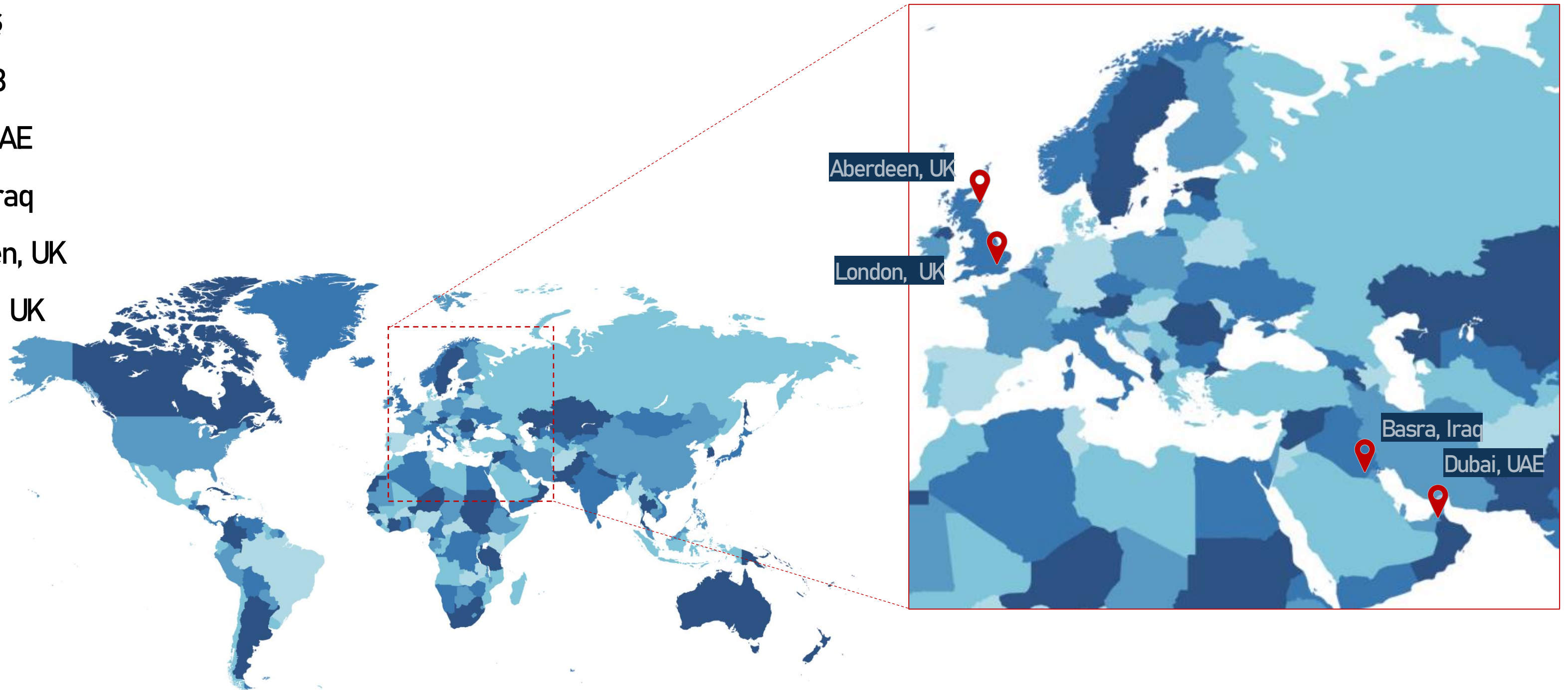
Our strategy is to have key partnerships and relations with world-class suppliers that can provide us with the products that are unique within the industry to allow us to provide the most appropriate technology solutions for our clients.

Engineering Horizons Offices

Locations

Since 2008

- Dubai, UAE
- Basra, Iraq
- Aberdeen, UK
- London, UK





Engineering Horizons has been ISO certified for its official offices in :

- Basra, Iraq Office – Engineering Horizons for Oil Services Company

ISO 9001:2015

Quality Management Systems

ISO 14001:2015

Environmental Management Systems

ISO 45001:2018

Occupational Health & Safety
Management Systems

- Dubai, UAE – Engineering Horizons FZCO

ISO 9001:2015

Quality Management Systems

ISO 14001:2015

Environmental Management Systems

ISO 45001:2018

Occupational Health & Safety
Management Systems

■ Subsurface & Surface Consultancy Services

Petroleum/Reservoir/Production/Corrosion/Electrical/ Instrumentation/Control
Systems Engineers (+300yrs experience)

■ Fire and Gas Detection Systems / Fire Alarm systems

Authorized Partner and Distributor of Prudent Solutions WLL
Det-Tronics product reseller for Iraq

■ Authorized Product Distributors

Specialized technologies
Quality Oilfield Products

■ Shipping And Logistics

Transportation and shipping of all oilfield products
Door to door service from worldwide locations to Iraq

■ Digital Transformation Technology / Solution Provider

Turnkey Solutions
Project Management Consultants

■ Wellsite And Field Services

Competent trained Iraqi National Engineers
Mentoring of junior staff

■ Training And Mentoring

Specialized instructors in Petex software and Artificial Lift

Subsurface & Surface Consultancy Services

Petroleum Production Engineering

Our production engineers use the latest technology and software alongside extensive experience-based knowledge. We have worldwide experience of different production systems, onshore, offshore, deepwater, and HPHT to support the optimization of your asset value.

Our technical team can carry out a vast array of Production Engineering tasks including:

- Production monitoring and reporting
- Inflow and Outflow performance management
- Surface facility constraints management and debottlenecking
- Surveillance and logging campaigns
- Completion design
- Intervention design and execution
- Water shut offs; various techniques
- Waterflood management
- Dumpflooding techniques
- Produced water reinjection
- Metering and crude quality control
- Production Chemistry – Scale and corrosion monitoring and control
- Water in oil management
- Flow Assurance
- Well Integrity and WMS



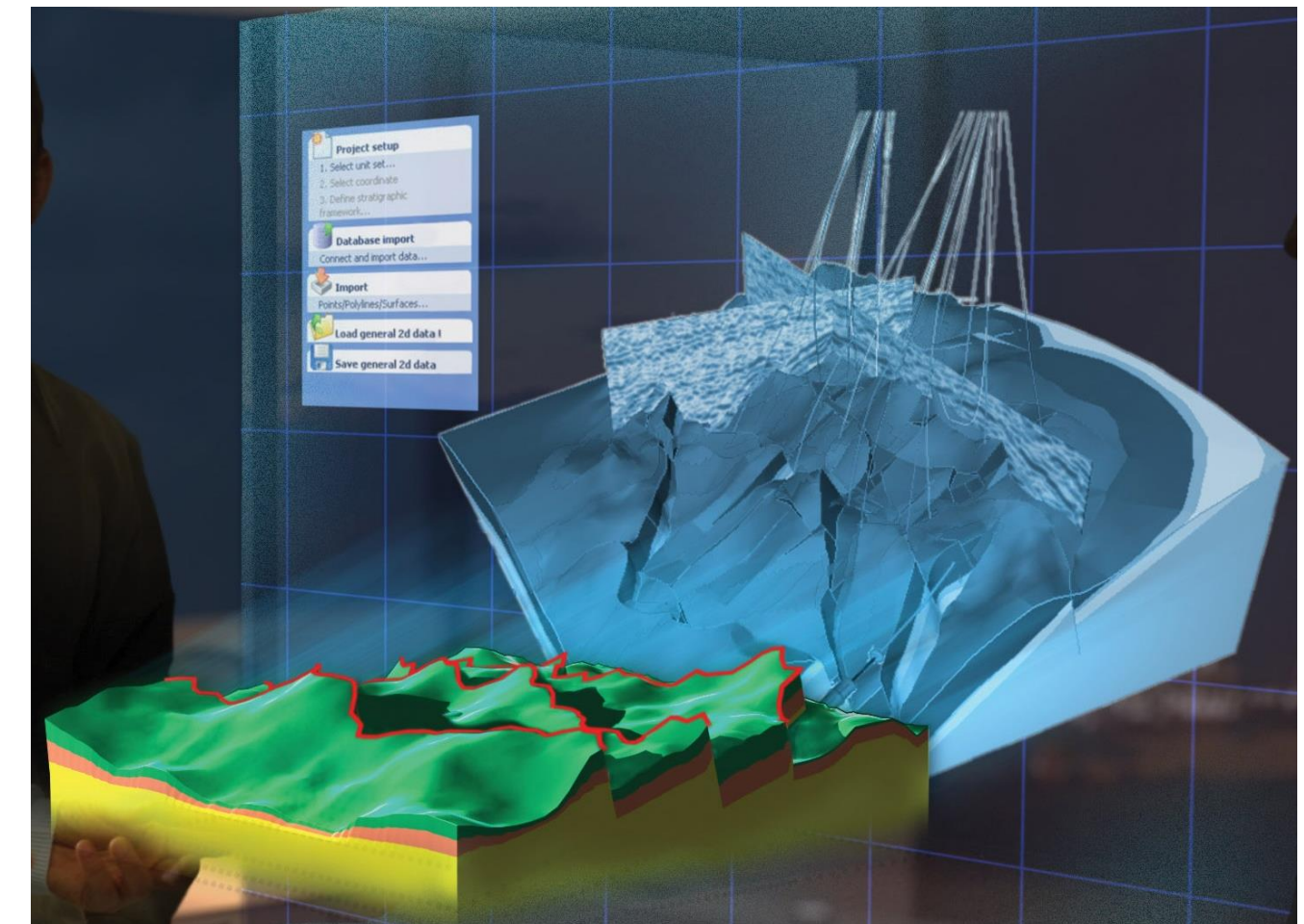
Subsurface & Surface Consultancy Services

Reservoir Engineering

Our reservoir engineers use the latest technology and software alongside extensive experience-based knowledge. We have worldwide experience of different geological settings and drainage mechanisms to support optimization of your asset value.

Our technical team can carry out a vast array of Reservoir Engineering tasks including:

- Classical reservoir engineering
- Numerical reservoir modeling
- Production forecasting
- Decline curve analysis
- Welltest design and interpretation using advanced PTA
- SCAL & RCAL core analysis
- Development planning, optimal well placement for vertical, deviated and horizontal wells
- Reservoir fluid analysis (PVT) including equation of state, flow assurance
- Well design optimization
- Economic modelling
- Reserves evaluation to SEC standard



Digital Transformation Technology / Solution Provider

The Deployment Of The Digital Oilfield Solution Involves Several Components: the installation of the instrumentation and connectivity system; a data management platform for both real-time and adhoc data; the development of engineering models and workflows; an Exception-Based Surveillance engine (EBS) and a friendly user interface integrating the entire system. Optimization and Automation of tasks and routines that Petroleum Engineers normally execute can now be done through engineering workflows. These workflows are executed at specified time intervals. This increases the accuracy and reliability of the routines as real-time data is used to feed the calculations.

Surveillance By Exception:

The principal behind Surveillance by Exception is that important information is brought to the users attention ahead of less important data. Due to the large size and number of wells in most oilfields, implementing surveillance by exception is a key feature.

Indeed this becomes more important with many hundreds of wells producing and injecting continuously.



Authorised Product Distributors

The supply and sale of world class products is key ensuring our customers can achieve the desired performance and targets that they set. We ensure that we offer the most appropriate products at the best prices to our clients. Our ethos is to ensure that the products are 'fit for purpose' and achieve all the requirements set by the client. We do not recommend or push products from specific vendors or suppliers, our goal is to put the client's needs 'first'.



Products and Services We Provide As An Authorised Distributor

Authorised Service and Product Distributor

Engineering Horizons has several relationships with global distribution companies.

This allows Engineering Horizons to be a worldwide authorised distributor for their services and products.

And More...



Engineering Horizons Offers

Products and Services Supply



Wellsite and field services

We have fully trained local staff that are ready to execute various services including surveying, product installation, servicing, and maintenance. We offer world class service at affordable prices, the Iraqi market has changed, and price does matter, so let us take care of your assets.



Shipping and logistics

Shipping your products to Iraq can be a worrisome and a laborious task, we at Engineering Horizons have the knowhow, and the local knowledge to ensure your goods are delivered safely and in a timely fashion. We take care of your shipments and we have all the necessary documentation including Iraqi Importers card, importers licence and CMC licence to ensure that whatever you need to ship, we can manage it.



Training and mentoring

Engineering Horizons offers training courses in many disciplines within the petroleum engineering domain. The courses (theoretical and/or practical) are held by petroleum engineering experts with strong academic basis and years of experience in oil and gas industry. In addition to the standard available courses, we can also run other Oil & Gas related courses on demand. We also have standing agreements with global training companies and we can call upon their expertise for courses that we do not normally run internally.



Services We Provide Through Our Exclusive agency agreements

Engineering Horizons has several agreements in the form of partnerships, MOU, and letters of authorization from OEMs.

That allows Engineering Horizons to be the exclusive agent and the one and only provider for their services and product in Iraq.



Our International Clients

Engineering
Horizons

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Due to that Engineering Horizons has gained several international clients from all over the world.

And More...



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Why Engineering Horizons

- Diverse Company with extremely experienced and competent staff
- Our people have managed these projects
- We have the in-house expertise and lessons learned
- Client specific solutions – we do not market or sell a specific technology or product from a specific manufacturer or vendor
- We embed ourselves and work with the client's experts to deliver the most optimised product at the best price
- Our aim is to deploy the technology and support the client but to essentially help the client to create their own experts for the future

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BRINGING TECHNOLOGY TO YOUR HORIZONS