

# Overview of In-depth Services



DESIGNING SOLUTIONS / PROGRAMMING FOR SUCCESS

Presented to NOC



ETAP

L'Entreprise Tunisienne  
d'Activités Pétrolières



# Agenda

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## Creation & Leadership

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In-depth Services was created early 2016, registered in Tunisia as a service company in the hydrocarbon sector. Headquartered in Tunis and serving customers in North Africa.

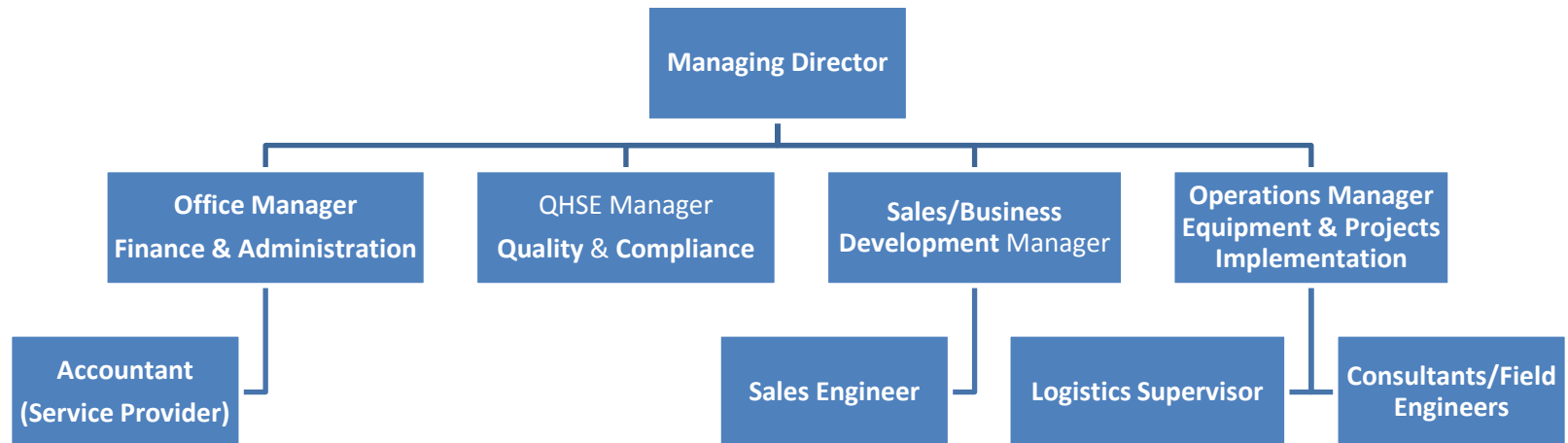
Our mission at In-depth Services is to deliver a state of the art and value services to help our customers meeting their technical and commercial objectives safely.

We take seriously our responsibility to deliver quality service and maintain our core values in all of our business activities.

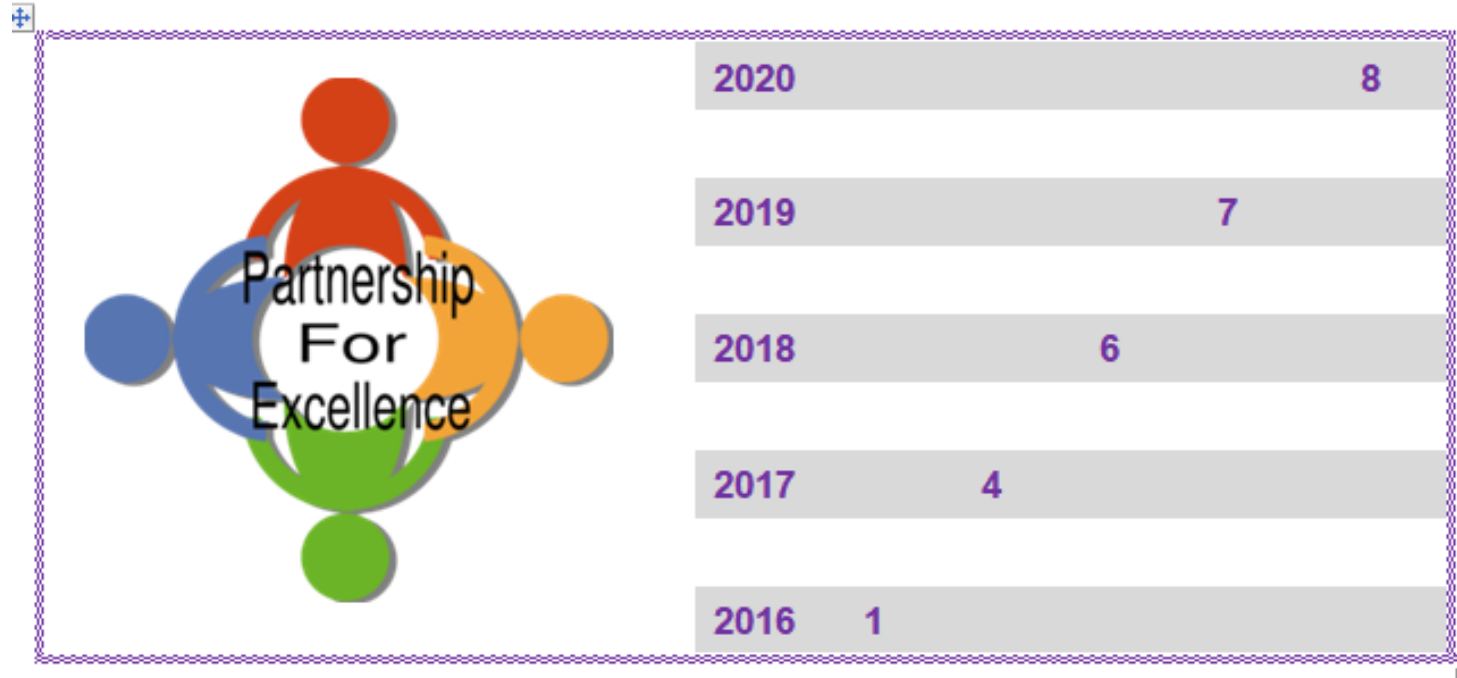
The company is led by Mr Mohamed CHAHTOUR our managing director.

Mohamed have more than 25 years of international experience in the Oil & Gas industry with multi-disciplinary skills in drilling, operations and business development.

# Organization Chart



## Constantly Growing Partnerships



# Our Services

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At In-depth Services, we serve NOCs and IOCs as well as other companies in the energy sector, offering them consultancy technical services, admin and logistics support.

## ❖ Optimization

We propose experienced engineers/consultants to analyse the data, design BHA, select appropriate drill-bits and optimize drilling & coring parameters; in order to enhance performance and improve operational efficiency.

## ❖ Warehousing

We offer adequate yard space to accommodate equipment, consolidate and dispatch tools to operational sites.

## ❖ Logistics Support

We provide office space, admin services, local representation and support onshore.

## ❖ Oilfield Equipment

In-depth Services have signed exclusive agent agreements with international service companies offering the following oilfield equipment and services: *'Drill-Bits', 'Casing Accessories', 'Well Monitoring Downhole Gauges', 'Reservoir Characterisation & Core Lab Analysis', 'Laboratory Equipment', 'Paraffin Removal Tool', 'Mining Equipment' and 'Flexible Hose Assemblies & Fittings'.*

# Optimization



*Our data bank includes but not limited to Engineers, Geologists, Supervisors, QHSE Representatives*

We propose experienced engineers/consultants to write new programs & implement procedures in order to enhance performance and improve operational efficiency.

Based on the requirements of the client for various positions, In-depth Services will identify appropriate consultants through either any one or a combination of means such as external advertising, in house search of existing data bank and headhunting.

We initiate the search process based on Qualification, Experience, Age, Essential Qualifications, Preferential Qualifications and Skills.

# Warehousing



*Equipment storage, mob/demob  
to/from offshore & desert locations*

We offer adequate yard space to accommodate equipment, consolidate and dispatch tools to operational sites.

Our warehouses are located in Sfax the industrial city. Most of the service companies & workshops are located in Sfax, thus, we can maintain & service the equipment while being cost-effective.



## Logistics Support

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Our office is located in Tunis the capital with less than 10 minutes from Carthage International Airport.

We provide office space, admin services, local representation and support onshore.

*Business trips organisation, Client Visits, Representation during tendering process and contract execution*

## Oilfield Equipment – Casing Accessories

We offer the provision of range of Cementing Equipment, manufactured by our partner NeOz Energy:

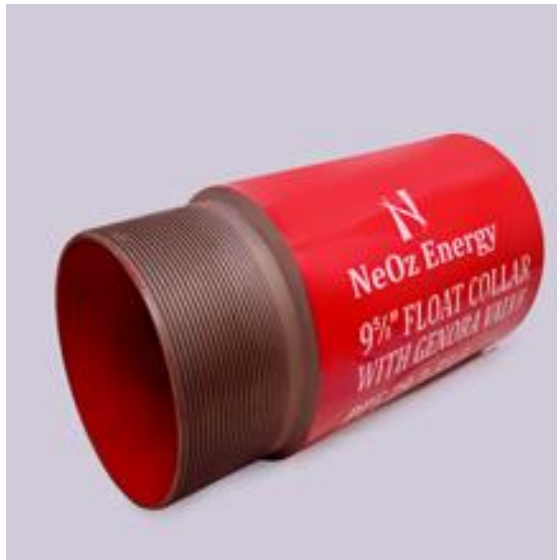
### ❖ Casing Centralisers



# Oilfield Equipment – Casing Accessories

## ❖ Float Equipment

NeOz manufactures high quality Float Equipment designed and tested as per the API Recommended Practices 10F. Float Equipment are available from sizes 4-1/2" till 36" in various API grades seamless pipe with regular as well as special Threads.



## Oilfield Equipment – Casing Accessories

### ❖ Cement Plugs

- NeOz top and bottom cementing plug have a firm wiping action and designed to provide a sure seal against the casing wall to prevent mixing of cement slurry and displacement fluid.
- These PDC drillable plugs are available in Standard and Non Rotating type design.
- NeOz cementing plugs are to be used with NeOz Float Equipment for a proper cementing job.



## Oilfield Equipment – Drill Bits

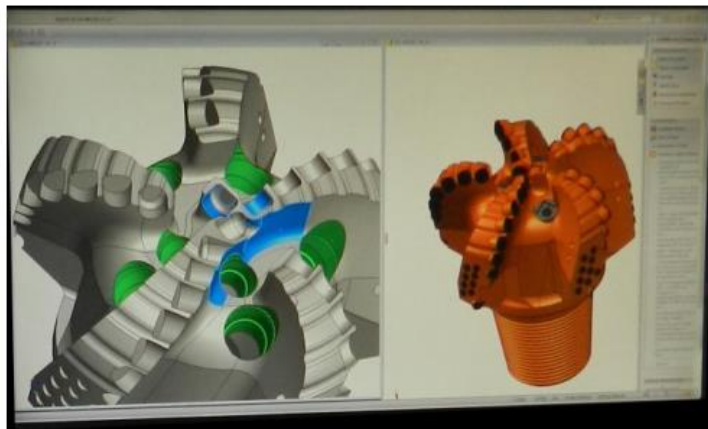
- Unique PDC Bits, conventional Milled Tooth and TCI Bits from prominent vendor.
- State of the art facilities, systems, processes and products.
- Exceptional Team Research, Engineering, Manufacturing, Sales and Support.
- The manufacturing process sets the bar for quality and reliability, producing the best PDC drill bits and innovative drilling tools in the oil and gas industry.



 Volgaburmash

## Oilfield Equipment – Drill Bits

- PDC drill bits are engineered to engage a wide range of drilling formations and applications while delivering smooth, consistent torque.
- This technology company offers flexibility to design application specific bits and technology in a performance driven environment.
- Volgaburmash and Uralburmash are Russia's largest companies producing rock-cutting tools.





## Oilfield Equipment – Memory Gauges

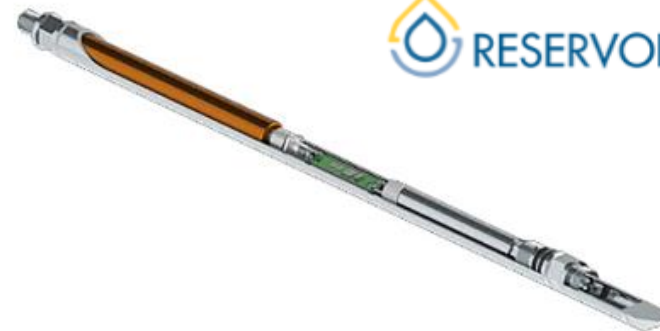
We also offer the provision of range of Memory Gauges, permanent and real time well monitoring systems. With an international reputation for creating innovative products, Reservoir Group engineers, manufactures, and services high-quality, durable memory gauges to deliver reliable production data – improving reservoir performance.

- ❖ Quartz Permanent - Available with 0.75", 1.25" and 1.5" outside diameters and a selected range of pressure and temperature specifications up to 200°C and 30KPsi



### Premier Quartz ›

More accurate and robust gauge for long duration surveys.



### QM200L ›

Provides high accuracy data in hostile well environments up to 200°C.



## Oilfield Equipment – Paraffin Melting Tool

The PMT (Paraffin Melting Tool) is designed to be conveyed on all forms of wireline (Slickline, Braided Line & E-line). The system utilizes heat as well as a cutting system to remove the paraffin from the production tubing wall and bring tubing back to full drift.

*Benefits of this system include:*

- Tubing is cleaned to full drift, unlike current method.
- Reduction in maintenance time and frequency
- Well able to produce at full production string capacity
- Allows logging and well servicing tool string to operations to be performed as designed.
- No old paraffin left in the tubing, extending the time it takes for the paraffin to build back up.



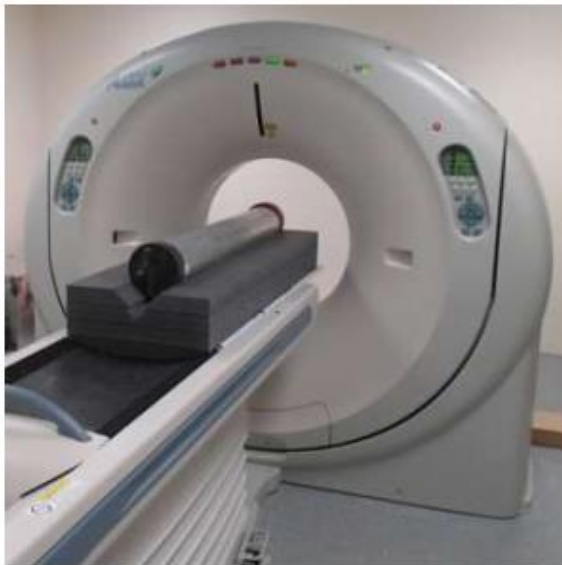


## Our Services – Lab Analysis & Reservoir Characterisation

As Representative for ALS Petrophysics, we provide key value added laboratory and wellsite services in relations with the cores samples.

At the well site, ALS is involved with the core processing, handling and stabilization.

Once the core samples are received at the Lab, ALS offers different services including Routine and Scal analysis: *Whole Core Scanning, Petrology Core Analysis, Unconventional, Geochemistry, Palaeontology and Storage.*



## Our Services – Lab Analysis & Reservoir Characterisation



## Our Services – Core Laboratory Analysis



Cleaning & Extraction via Dean Stark, Retort, Soxlet, and multiple solvents

Steady and Unsteady State permeability measurements with multiple gasses

Grain & Bulk Volume and Grain Density Measurements

NMR

Electrical Properties; PcRI via porous plate. SCAL programme design and management

GRI+ Crushed Shale Analysis

## Our Services – **Laboratory Equipment**

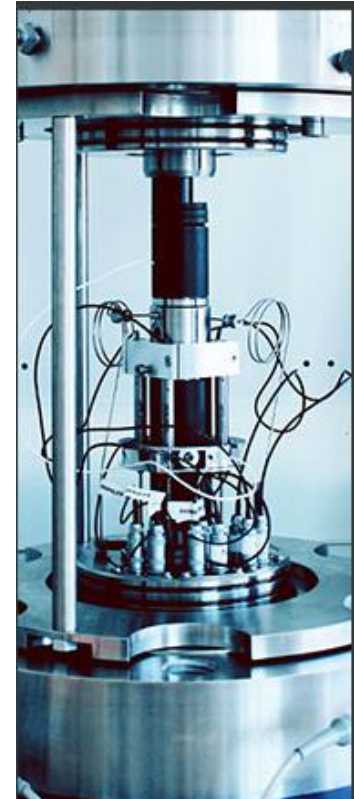
### In-depth Services is Partner with ACEI Services



*L'esprit d'équipe*

ACEI  
Electronique et instrumentation  
6 bis rue Jean Zay  
64000 PAU – France  
[www.acei-services.com](http://www.acei-services.com)

Over the years, ACEI has broadly diversified its activities in France and abroad. Indeed, certified ISO 9001, ACEI now offers its customers (oil companies, chemical industry, service companies, military sites, etc.) a wide range of services:



## Our Services – **Laboratory Equipment**

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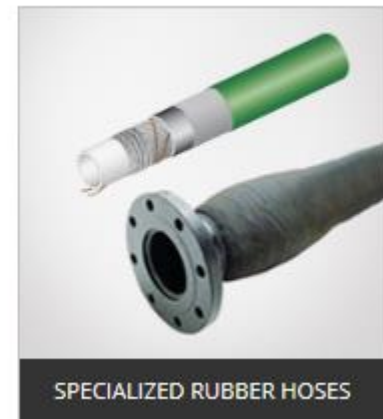
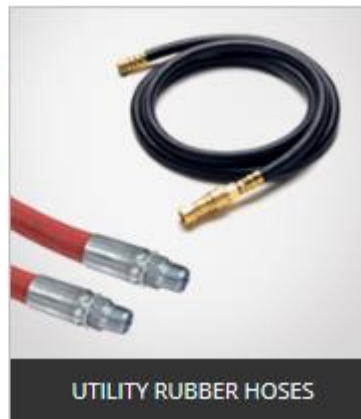
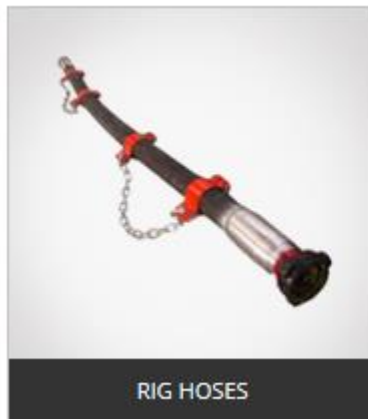
- Preventive and curative maintenance, proposal and implementation of corrective actions on all laboratory equipment.
- Technical assistance mechanical, electronic, instrumentation / regulation, acquisition systems and software.
- Metrology, needs analysis, set up and management of instruments, calibration planning according to current standards (API, ISO). Evaluation of measurement uncertainties and risks associated with decisions. Calibrations and checks. Advice and support.
- Study, integration, installation, commissioning and configuration of laboratory equipment (measuring chains, control loops, pressure stations ...). Design and development of specific laboratory and field equipment





## Our Services – Flexible Hose Assemblies and Fittings

As Representative for JRE Private Limited, we supply quality hose and fittings solutions to multiple industries. JRE is pioneer in the field of flexible hose assemblies with its in house modern technology to produce the finest quality product for any application and industry. JRE has a wide range of hoses and hose fittings ranging from 5 mm to 400 mm dia. And with a pressure range upto 20,000 psi working pressure. JRE is very well known within India and in the world market with a proven track record for quality, design and customer's satisfaction.



## Our Services – Flexible Hose Assemblies and Fittings



PTFE HOSES



HYDRAULIC HOSES



QUICK COUPLINGS



DRY BREAK COUPLINGS



BREAK AWAY COUPLINGS



API COUPLERS



METALLIC BELLOWS



RUBBER BELLOWS

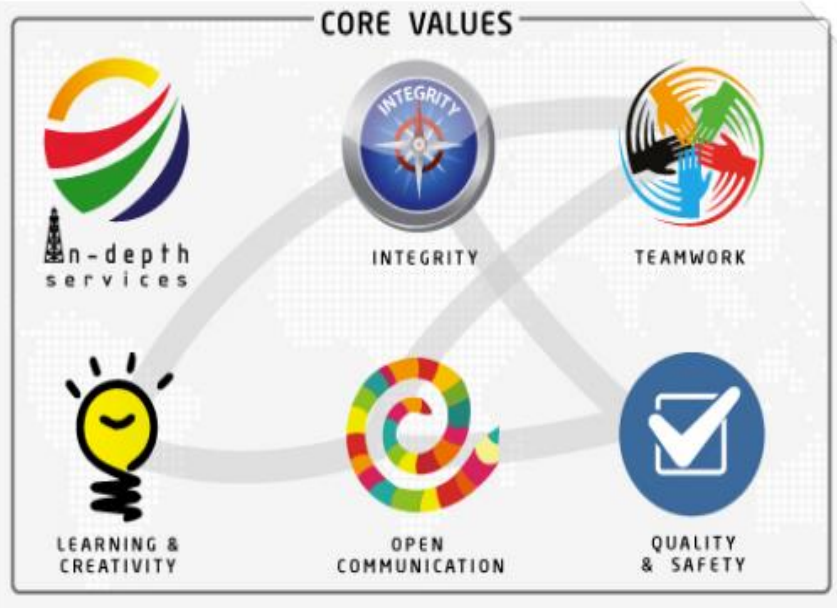
## Our Services – Mining Equipment

As Representative for TransTechnoMarket 'TTM', we make a speciality out of supplying mining machinery. TTM has partnership relations with the largest manufacturers of mining machinery from Russia and CIS countries that allows us to offer potential customers a wide range of different equipment to perform any task in the field of mining. We provide quality mining machinery ranging from haul trucks, wheel loaders to drilling rigs and mining consumables such as drill bits.





# Core Values



The In-depth Core Values are the basis for establishing a common culture for the company. Our Core Values are: Integrity, Teamwork, Open Communication, Learning & Creativity and Quality & Safety. We take our responsibility seriously to provide best solutions and safely deliver successful projects.

- **INTEGRITY**
  - Act honestly with the highest ethical standards and honor our commitments to customer and community. Do the right think right.
- **TEAMWORK**
  - We work together and encourage everyone in the team to actively participate as we are committed to common goals. We value the diversity of our workforce.
- **OPEN COMMUNICATION**
  - Listen carefully to better understand customer's requirement, communicate clearly and concisely while accepting diverse opinions for constructive debate.
- **LEARNING & CREATIVITY**
  - Learn and continuously develop ourselves and others, thing big and design innovative solutions. Have a positive impact on performance and achieve excellence.
- **QUALITY & SAFETY**
  - Committed to quality work and strive to exceed customer expectation. Commitment to HSE is the platform of our success.

# Contact Us



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WEBPAGE: <http://www.indepth-services.com/>

## Questions - Let's talk

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Thank You

