

# **EXPERT PETROLEUM SERVICES**

**COMPANY PROFIL**

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At Expert Petroleum Services, we are a leading provider of comprehensive solutions in the petroleum industry, offering expertise in various services and representing international companies. With a commitment to excellence and innovation, we strive to exceed client expectations, drive industry progress, and contribute to sustainable development.

## Our Mission :

Delivering premium services in the petroleum industry through innovation, reliability, and exceptional service in the mature field monitoring and unconventional reservoir solutions.

## Our Vision :

Is to be the forefront leader technology provider in the petroleum industry, driving with advanced training and innovation, and excellence globally.





**eFS Financial services**

**eLS Logistics services**

**ePTM Petroleum Training  
Manpower**



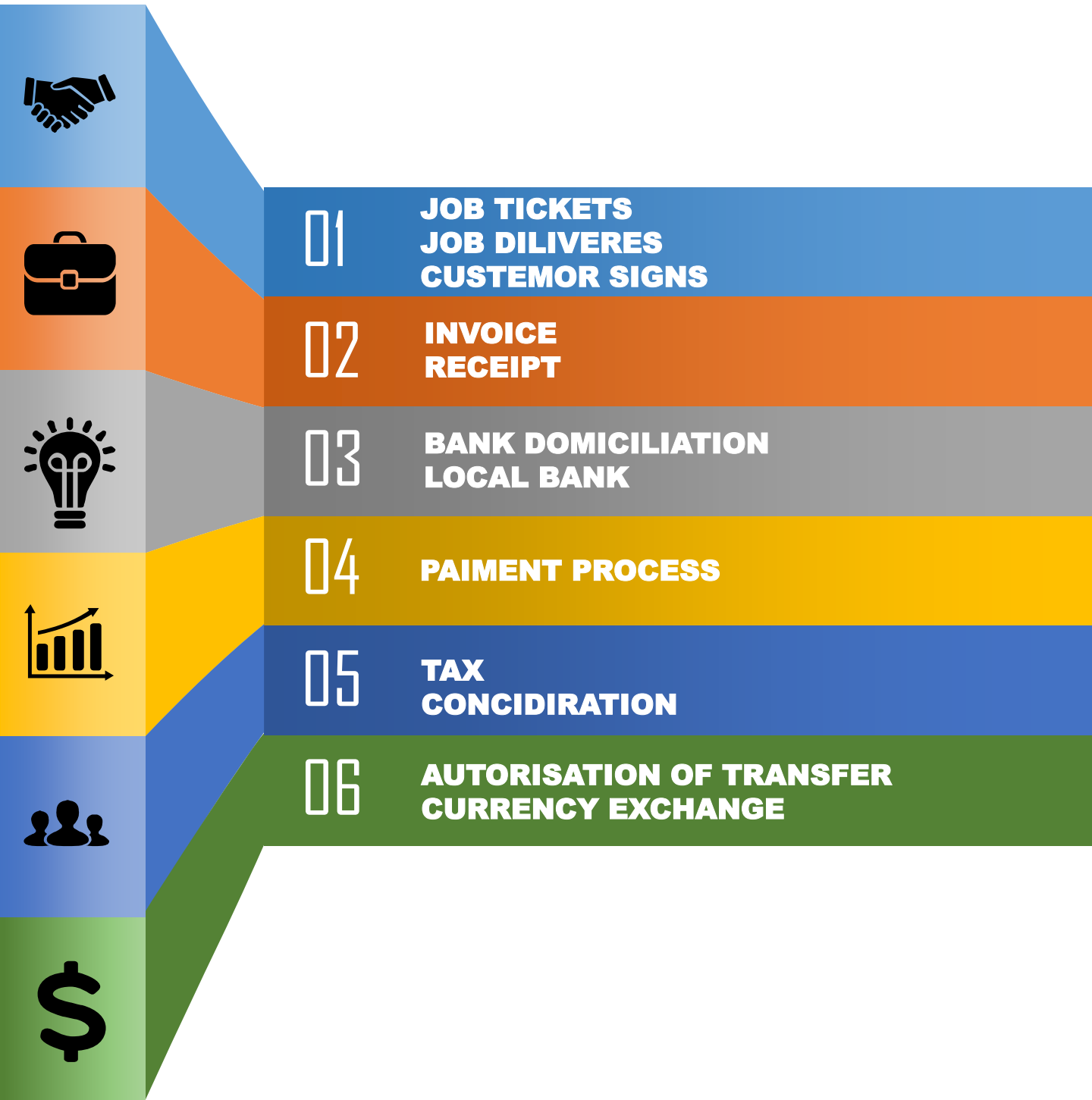
**Well Integrity Candidates  
Diagnostics**

**Unconventional G&G and ShaleGas**

**LINQX FRACPRO Software  
Frac Wellsite Services**

**Mature Field Monitoring**

## Financial services



## Logistics services





## Well Integrity Management System

**WIMS**

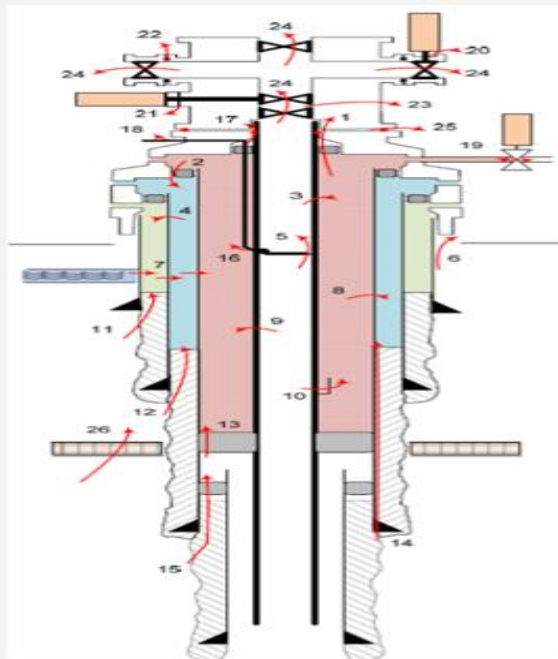
Integrity Dynamics  
CheckPoint Simulator

Cased Hole Wireline Noise Logging  
MTD MFC Corrosion Inspection

Distributed Fiber Optics  
DTS DAS

Remedial Planification  
Casing Patch , BISN Repair

**26**  
Potential  
failure paths



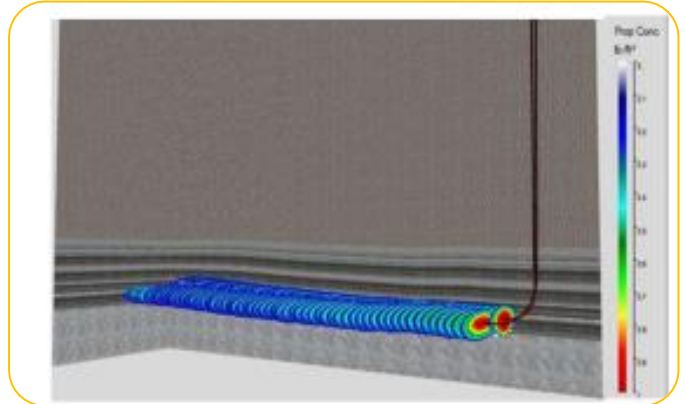
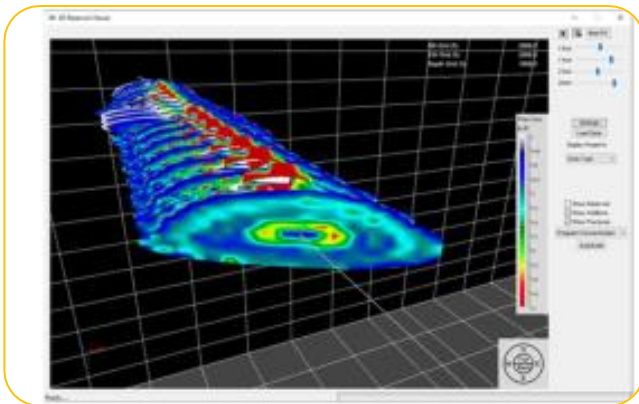
## Frac Wellsite Services

# Software Package

FracPro 2023 introduces significant improvements and new features to enhance hydraulic fracturing operations. Key updates include:

**Enhanced Functionality:** Improved real-time behavior for common database and ball-drop sleeve jobs, the addition of well names to program captions, setup plot titles templates, and the ability to generate reports during model runs.

**Fixes and Improvements:** Addressed issues from the FracPro 2022 version, including selective fracture simulation for multiple perforations, stress shadow considerations, 3D view enhancements for multiple fractures, and remote license activation.





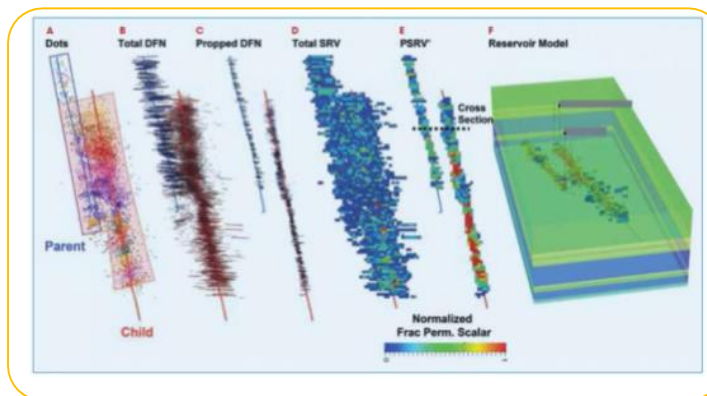
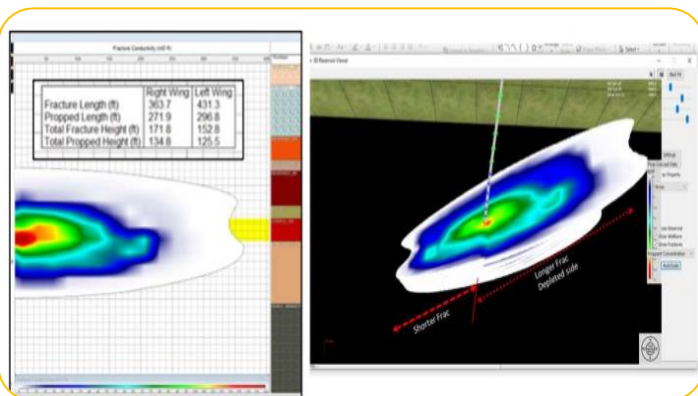
## Frac Wellsite Services

# LINQX FRACPRO Software

### New Features:

- ❖ ISIP Calculation Method: Additional method considering wellbore storage and fracture complexity.
- ❖ Closure Pressure Calculation: New method using rock compliance.
- ❖ Asymmetric Fracture Simulation: Considering parent and child well interactions.
- ❖ Log Processing Capability: Enhanced log processing for better rock properties estimation.

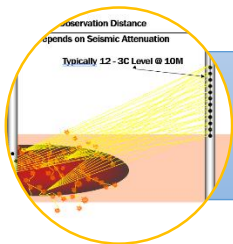
These updates aim to provide more accurate simulations, better user experience, and enhanced operational efficiency.



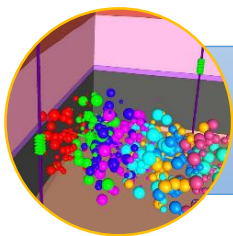
## Mature Field Monitoring

### Expert Microseismic Technology

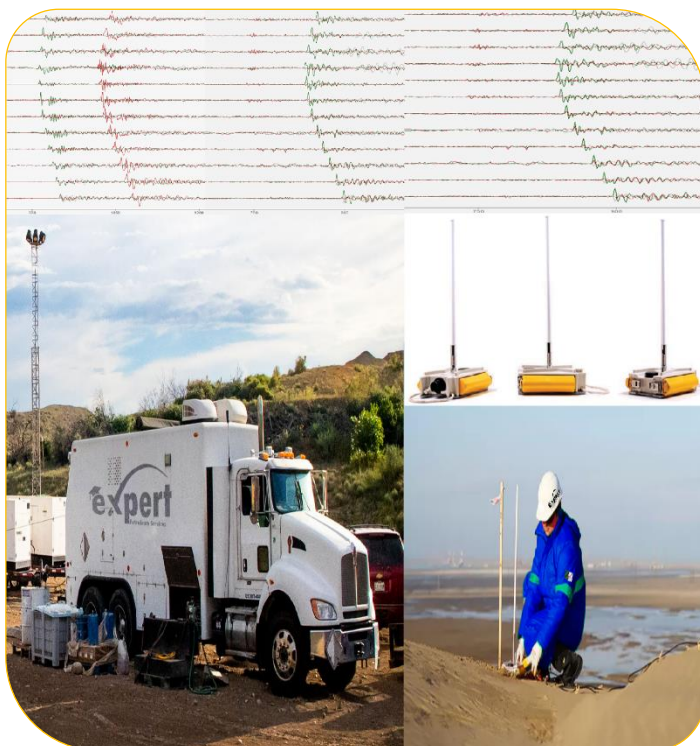
- ❖ Down Hole & Surface
- ❖ Frac monitoring



Acquisition/  
Processing

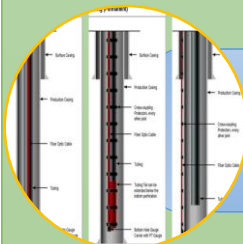


Interpretation/  
Visualisation



### Expert DFO Sensing Technology

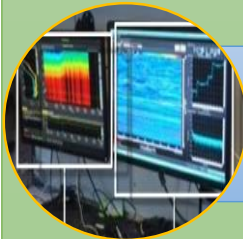
- ❖ Implementation and Continuous Monitoring
- ❖ DFO101 Technical Overview



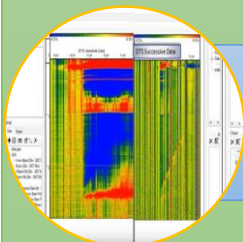
Deployment Options



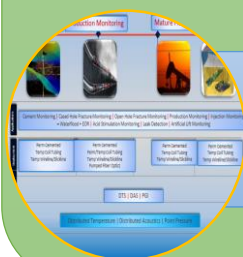
DFO Interrogation Units



Data Collection & Visualization



Data Processing  
and Interpretation



Applications/Products  
& Solutions

# Unconventional & ShaleGas

## Petroleum Engineering



- 1. Exploration/Appraisal
- 2. Well Construction
- 3. Completions
- 4. Production Enhancement
- 5. Abandonment

Sweet Spot	Petrophysics	Well Location	Design	Job Design
Basin/Play	Geo-Chemistry	Well Placement	WH Equipment	Chemicals
Frac Design	Geo-Mechanics	BH Stability	Liners	Equipment
Extension	Reservoir	HTHP	Tubular Design	Post Job Cleanup
		MUD	MLT	Treatment Evaln.
		Infill Drilling		

- ❖ Drilling engineer
- ❖ Coil Tubing Supervisor
- ❖ Well Testing supervisor
- ❖ Engineering geologist
- ❖ Well Testing operator
- ❖ Geochemist
- ❖ HSE Engineer
- ❖ Geophysicist
- ❖ Rig Crew
- ❖ Geoscientist
- ❖ Pipeline Engineer
- ❖ Mechanic Tech
- ❖ Electronic Tech
- ❖ Mudlogger
- ❖ Petroleum engineer
- ❖ Mechanical Engineer
- ❖ Wellsite geologist
- ❖ Process Elec Engineer
- ❖ Company Man
- ❖ Well Head Operator
- ❖ Toolpusher
- ❖ Geologist
- ❖ Frac Supervisor
- ❖ Frac Operator





# Expert Man Power

Oil & Gas Professional Training and Vacancies

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 [facebook.com/expstdz](https://www.facebook.com/expstdz)



## Petroleum Engineering TRAINING

### Technical Training Program TTP

University Student  
Fresh Graduate & Entry Level

- Oil field math
- Drilling and Cementing
- Frac Acid - & Monitoring
- Wireline - Well Testing
- Coiled Tubing
- Well intervention

### Performance Improvement Field and Technical Competen- cies For Experienced Engineer - Consulting Expert

- Frac Job Design Expert
- Formation Evaluation Expert
- Cementing Technical Expert
- Wireline Consultant Open Hole
- Wireline Consultant Cased Hole
- Slickline Supervisor
- Well Testing Field Specialist

### Ops Training and Competencies Junior Operators Senior Operators

- General Pressure Pumping
- Cementing Operator
- Fracturing Operator
- Lab Technician
- Wireline Operator
- Well Testing Operator

## EXPS Local Workforce

Drilling engineer  
Coil Tubing Supervisor  
Well Testing supervisor  
Well Testing operator  
Energy engineer  
Engineering geologist  
Geochemist  
HSE Engineer  
Geophysicist

Rig Crew  
Geoscientist  
Pipeline Engineer  
Hydrographic surveyor  
Pipeline Welder  
Mining engineer  
Senior Mechanic  
Mudlogger  
Petroleum engineer  
Wellsite geologist

Company Man  
Toolpusher  
Senior Electrician  
Mechanical Engineer  
Electrical Engineer  
Well Head Operator  
Frac Supervisor  
Geologist  
Frac Operator



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## Technical Training Programs 3T Drilling Systems Simulators

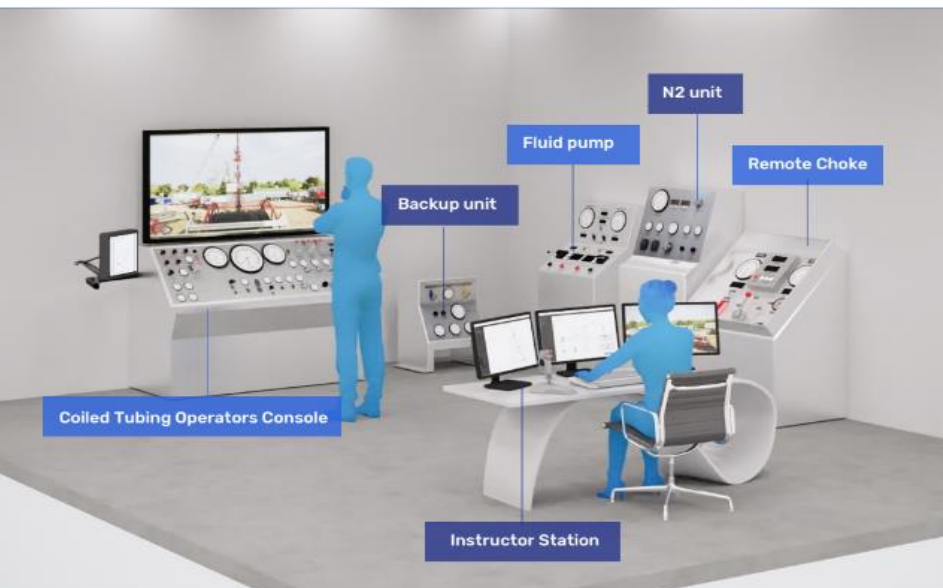
### 1. World-class training

- Instructor-led training
- Web Based Activity
- On-site training
- Live training
- Modular mobile training

### 1. Blend learning technologies

- Video-based training
- E-Learning
- Virtual Reality (VR)
- R3 Micro-Learning
- Augmented Reality

CTS:5000 Typical set-up



The simulator combines physical representations of operator panels used in the field with a real-time graphical representation of the view from inside the cab for realistic and immersive training.

- Main Operators Console
- Mud pump mixing unit controls
- Engine Management Panel
- Nitrogen Pumping Panel
- Backup Unit
- Remote Choke Control Console
- CT Operator's Window
- Instructor Station
- Student Rig/Tool Configuration Station
- 3D Surface Graphics Station
- 3D Downhole Graphics
- CTS-5000 Software
- CTS-5000 Sound System
- Well Control Chart Plotter





## Technical Training Programs 3T Drilling Systems Simulators

### Well Intervention Simulator Range



#### FULL-SIZE **WirelineSIM:5000**

Offers the most realistic well intervention training for braided and slickline operations.



#### FULL-SIZE **CTS:5000**

Accurately recreates coiled tubing operations to support a wide range of scenarios for well intervention training



#### FULL-SIZE **SnubSIM:5000**

offers realistic training for snubbing operations.



#### PORTABLE **MultiSIM**

Deliver real-time training for a wide range of well intervention operations in one advanced portable simulator



# Thank You!

Expert petroleum  
services