Simulate | Evaluate | Optimize

Independent sand control software, consulting and training services
DuneFront offers a full range of sand control software, consulting and training services, encompassing technique selection, design and evaluation, to maximize the reliability of sand control completions.

SOFTWARE

PackPro: A complete software solution for sand control simulation, evaluation and optimization

- Used by most major Operators and Service Companies for in-house simulation and evaluation of sand control completions
- Supports all open and cased hole operations below fracture pressure
- Incorporates data handling tools and the most advanced analysis techniques to understand complex downhole events
- Enables the confirmation of success, or in-depth investigation of failures
- Supported by a global team of engineers with typical response times of less than 24 hours
- Continuously developed and improved to incorporate user feedback

CONSULTING

DuneFront works closely with you to develop optimized solutions for your sand control challenges

- Professional team with over 100 years of sand control experience
- Assist in the selection of the most suitable sand control technique
- Analyze historical data and make recommendations for future optimization
- Assess the latest sand control technology
- Assist in investigating failures, identifying problems and implementing solutions
- Provide impartial advice with the most appropriate recommendations

TRAINING

DuneFront helps you build and maintain in-house sand control expertise

- Designed for diverse audiences, ranging from introductory to advanced level
- Using advanced software to provide visualization of downhole processes and implementation practices
- Interactive teaching with practical projects to translate theory into practice
- Public and customized in-house courses to meet your specific requirements
PackPro integrates advanced modeling and data analysis techniques, providing all the tools needed to design and analyze sand control treatments

- **Complete Solution** – A single software package providing a complete solution for sand control design, evaluation, optimization and reporting

- **User Friendly** - Developed by sand control experts to provide a practical, fast and accurate software with an intuitive and easy to use interface

- **PSD Analysis** – Enables screen and gravel sizing for standalone screen and gravel pack applications, as well as prediction of sand production through standalone screens

- **Pre-Job Design** – Simulation module enables quick comparison of multiple scenarios to optimize treatments and reduce risk by planning for every eventuality

- **Post-Job Analysis** – Evaluation module integrates data handling tools and the most advanced analysis techniques to better understand downhole events

- **Additional Tools** – Built-in calculators, databases and auto scheduling features facilitate quick and easy calculations

- **RIH to POOH** – Supports all open and cased hole operations with any tool position and pumping direction including displacements, step rate tests and gravel packs

- **Placement Techniques** – Facilitates design and analysis of circulation and injection treatments below fracture pressure including water packs, slurry packs and shunted packs

- **Technology** – Supports all commonly used sand control technology including shunt tubes, ICD/AICD screens, isolation packers, pressure attenuators and more

- **Fully Supported** – Dedicated and globally distributed support and training structure with a typical response time of less than 24 hours

- **Continuously Developed** – Developed to meet evolving user requirements and regularly updated to incorporate the latest technology

- **Impartial** – Independent of any service company, equipment supplier or Operator to provide impartial recommendations