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 hole and cased hole operations including gravel packs below fracture pressure and high rate water packs above fracture pressure
- Incorporates data handling tools and advanced analysis techniques to understand complex 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, gravel packs and high rate water packs
- **Placement Techniques** – Facilitates design and analysis of circulation and injection treatments below and above fracture pressure including water packs, slurry packs, shunted packs and high rate water 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