Global Locations

About Petrolink

Petrolink provides wellsite data management, real-time data solutions, engineering analytics and drilling optimization services to the upstream oil and gas industry worldwide. Petrolink offers unmatched security and an independent neutral link across the oilfield, data sources, disciplines and partners to enhance drilling operations' efficiency and safety.

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ROP Optimization

Drill faster, safer and more efficiently with our ROP (rate of penetration) Optimization tool. This state-of-the-art system captures information from the actual well and offset wells in real-time, gains the optimal parameters and applies the best scenario live, while you're drilling. It lets you plan ahead of the bit for any event, so you get the best ROP and the best results in real time.

Benefit from a Real-Time Predictive Roadmap that allows you to:

- Optimize progress (drill faster, within safe parameters)
- Track "drilling risks"
- Correlate in real-time (live and historical)
- Use lessons learned and best practices in real-time
- Plan for better string components

The ROP Optimization tool uses the real-time data such as WOB (weight on bit), RPM (rotation per minute), torque and differential pressure to validate and calibrate rig input values that control safe and optimum operations based on MSE (mechanical specific energy), vibration, string components, rig capabilities and lithology.

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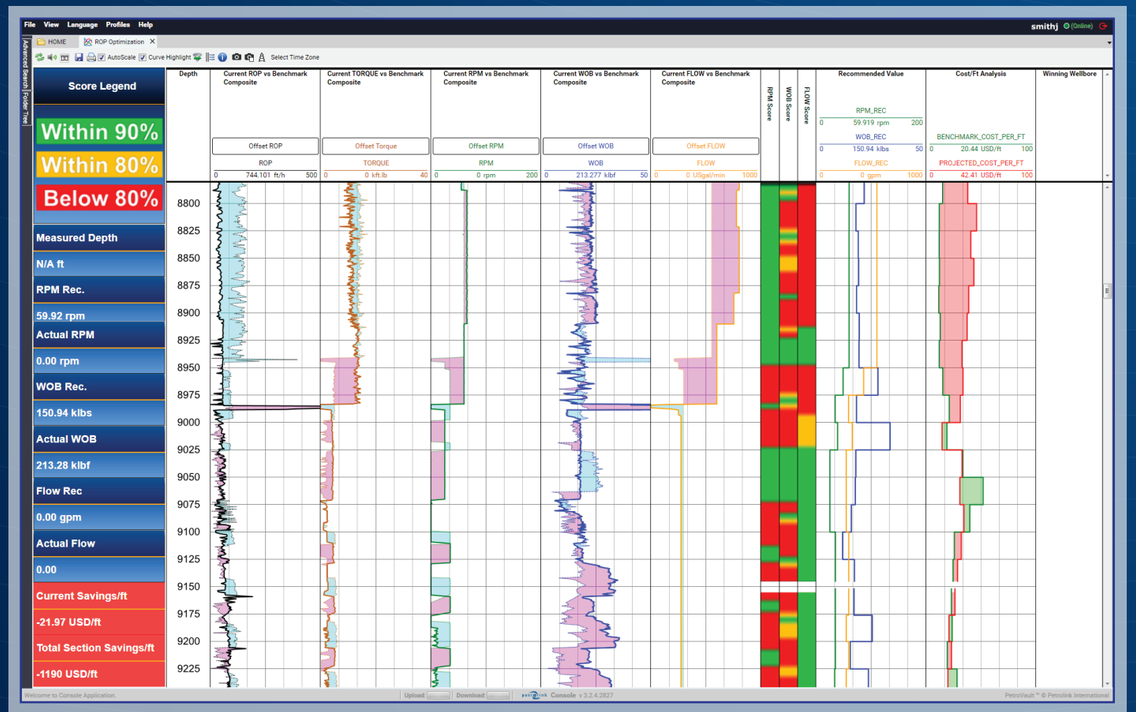
ROP Optimization

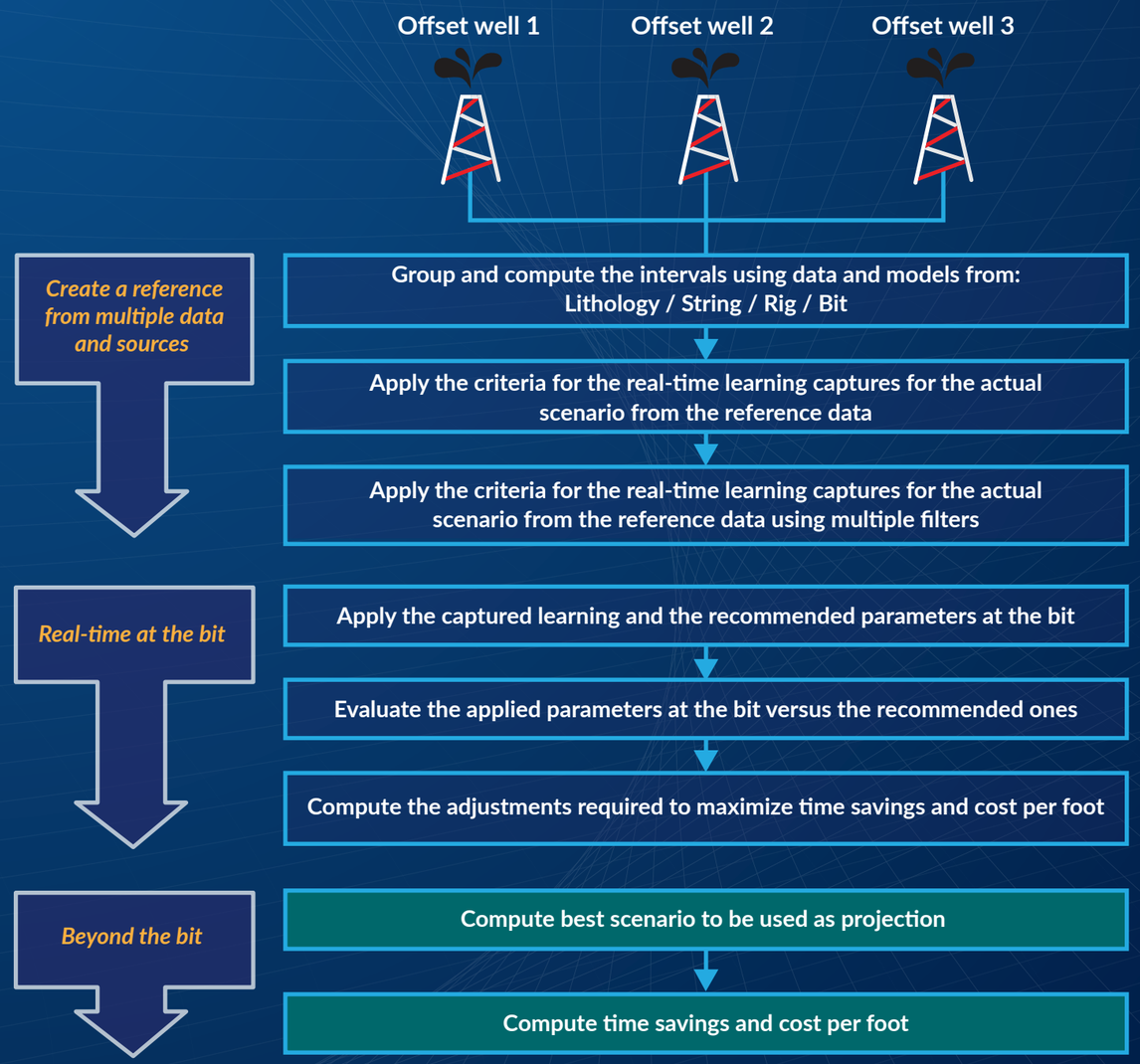
Real-Time User Interface example combining the main parts shown on the workflow



Petrolink's ROP Optimization Tool features:

- User-friendly interface
- Flexible widgets
- Customizable settings
- 24/7 support

The model and workflow described below are used to generate reference data for a correlation. The filters will then be applied to the data set selected in order to recommend the best scenarios.



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