Roxar RMS™ 10
Accelerate field development, quantify geological risk and make faster, better decisions.

Roxar RMS™ 10, the industry’s most integrated and powerful geo-modeling solution, helps you accelerate the field development planning cycle by allowing multiple disciplines to work together within a common reservoir model. In this way, operators can look forward to reliable and accurate reservoir models and increased reservoir returns.

- Base your decisions on reliable information
- Save time through more collaboration and a deeper analysis of your model
- Optimize efficiency and get the most out of your team’s experience and knowledge

In Summary
RMS is Roxar’s geosciences platform for seismic interpretation, well log interpretation and correlation, mapping, geomodeling, gridding, and basic flow simulation. The software enables you to integrate all data in one place and capture and propagate uncertainties across all your workflows. With the latest release of RMS 10, you can enjoy significant enhancements to seismic interpretation, reservoir engineering, structural and property modeling, as well as a more automated Big Loop™ workflow for reliable production forecasting. RMS 10’s capabilities can also be expanded through Roxar API, the new extensibility and interoperability solution within the Roxar software portfolio.

Integrated Decision Support
RMS 10 provides greater workflow integration to support the Big Loop workflow as well as introducing versatile reporting tools. This includes improved support for the building of complete flow simulation models; greater integration across different domains; and the automated creation of well targets. With any number of well trajectories supported in RMS 10 and improvements to the structural model, where real-time logs can be compared with logs from nearby wells, operators can make reliable production forecasting and efficiently screen and analyze the potential upsides and downsides before making crucial reservoir decisions.

Enhance Seismic to Flow Simulation Workflows
RMS 10 creates a more powerful reservoir modeling workflow across the reservoir engineering, geophysics and geology domains.

For reservoir engineers, there are improved capabilities for building and maintaining flow simulation models including the easy incorporation of well perforation and production data; the full integration of well modeling for flow simulation; and improved automation for the repeatable handling of dynamic well data.

For geophysicists, RMS 10 comes with improved seismic interpretation capabilities via a Trace Viewer to assist interpretation; upgraded SEG-Y importing; and enhancements to Emerson’s snap to seismic technology which now incorporates constraints in model building based on geologic rules.
For geologists, there are improvements to both structural and property modeling with a more flexible stratigraphic framework; improved horizon model algorithms; a better isochore quality framework; more ways to deal with trends; the identification of regions based on well proximity; and usability enhancements, such as new filtering capabilities.

Performance, Productivity and Innovation
RMS 10 provides productivity and performance improvements with increased interoperability and workflow customization; new functionalities for visualizing data; enhanced well management through our data explorer tool; and faster exporting. The result is increased operator efficiencies and a reduction of time and resources devoted to reservoir modeling, with more time spent on analysis.

Automated, Repeatable and Traceable Workflows
RMS 10 specifically supports Big Loop, our integrated solution for reliable production forecasts, resulting in automated, repeatable and fully traceable workflows across the reservoir modeling workflow. Big Loop is an automated, ensemble-based, stochastic workflow that tightly integrates the static and dynamic domains, ensuring that all important reservoir uncertainties are captured and used as input parameters to the reservoir simulator. This leads to a better understanding of the reservoir model, more reliable estimations of reserves, and informed decisions for future development scenarios.

Benefits of the further automation and interactivity of operations within RMS 10 include:

- Improved support for building complete flow simulation models and enhanced integration and collaboration across domains.
- Automated, repeatable and traceable well modeling for flow simulations, ensuring that the models are up to date.
- The automated creation of targets to enhance well planning as part of the Big Loop automated workflow.

Extend the Capabilities of RMS 10
RMS 10 will also be linked to Roxar API, the new Application Programming Interface, providing extensibility to the software and interoperability with other applications. Roxar API enables you to build and share fit for purpose solutions, based on the best available technology at each workflow step and leverage company intellectual property across your entire organization. Roxar API can be used in an open environment to expand the capabilities of your software or used within the Roxar RMS environment to create unique solutions.

Through RMS 10 and Roxar API, operators can customize their workflows to achieve specific goals; improve data management and preserve vital reservoir information across multiple-stage workflows; and analyze and visualize their models in different and innovative ways and innovative ways.