



FAIRWAYFINDER

FairwayFinder is an industry-leading cloud-native application for on demand play fairway evaluation driven by the insights of Neflex® Predictions.

Play fairway analysis is a time consuming and convoluted process, and its outputs are rarely maintained in an ever-green state. An on-demand solution is sought that rapidly integrates subsurface models to deliver an up-to-date assessment of play risk.

For the first time it is now possible to conduct first-pass assessments of exploration potential anywhere in the world in just a matter of minutes! FairwayFinder, a DecisionSpace® 365 cloud application, automates the collation and processing of multidisciplinary geoscience models to deliver an efficient evaluation of play potential. This enables the geoscientist to creatively test play concepts and comprehensively understand play risk.

This dynamic tool for play fairway analysis allows you to take an agile and proactive approach to exploration, which helps provide you with an important head start with your subsequent fairway mapping workflows. FairwayFinder's ability to rapidly assess multiple scenarios helps ensure you are making informed decisions as efficiently and as cost-effectively as possible.



FAIRWAYFINDER



Answers in Minutes

Reduce the time it takes you to generate a play fairway evaluation from weeks to just minutes by leveraging sophisticated cloud processing and industry-leading geoscience.



Any Play, Anywhere

Consider new venture opportunities anywhere in the world at a click of a button.



Proceed with Confidence

Unique integration with Neflex® Predictions, the industry leading multidisciplinary geoscience provider.

BENEFITS



CLOUD-HOSTED PROCESSING

Combine cutting-edge subsurface predictions with sophisticated cloud-hosted processing for rapid first pass assessments of play potential.



ASSESSING THE UNKNOWN

The global tectono-stratigraphic framework that underpins FairwayFinder enables play fairway assessment beyond data control and in unestablished plays, enabling you to consider unproven concepts and frontier basins.



MULTI-SCENARIO ASSESSMENT

Assess multiple play concepts quickly and reiterate analyses with varying input parameters to understand critical risks and the sensitivity of results.



GLOBAL 4D COVERAGE

Choose any geographic area and define play elements from the entire Phanerozoic to assess the associated risks of each element.



GLOBALLY CONSISTENT

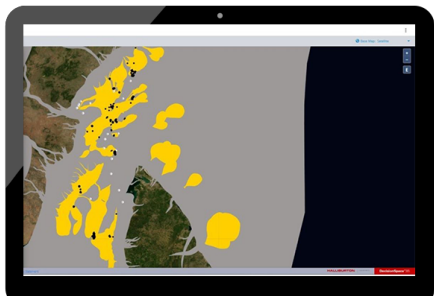
An unparalleled global view of Earth's play potential through the combination of Neftex® Predictions and consistent play based exploration workflows executed by FairwayFinder.



ANYWHERE, ANYTIME ACCESS

Access FairwayFinder 24x7 wherever you are in the world without the need for additional software.

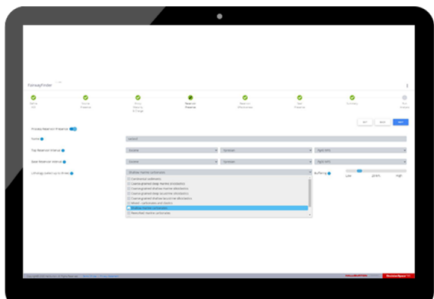
FEATURES

**MULTI-SCALE PLAY MAPPING**

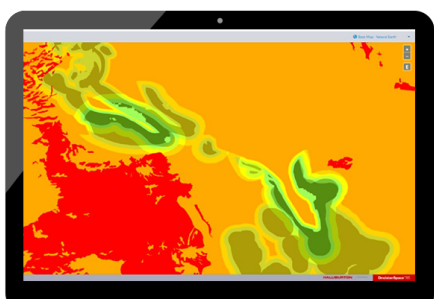
FairwayFinder automates the aggregation and synthesis of Neftex® Predictions content from global to play scale to model the spatial extent and presence of individual play elements. These models are built on a suite of gross depositional environment maps constrained by a wealth of public domain data. These are stacked and processed using sequence stratigraphic principles to model the spatial distribution and are then assessed alongside surface geology and our market-leading geodynamic model to predict the preserved extent of the play element.

**PETROLEUM SYSTEM EFFECTIVENESS**

By integrating global depth structure surfaces constructed in DecisionSpace® 365 Geoscience Suite, FairwayFinder is able to assess depth-related risks such as source rock maturity and reservoir effectiveness. When combined with the mapped play presence distribution, new insights into potential kitchen locations, migration pathways and reservoir sweet spots can be revealed.

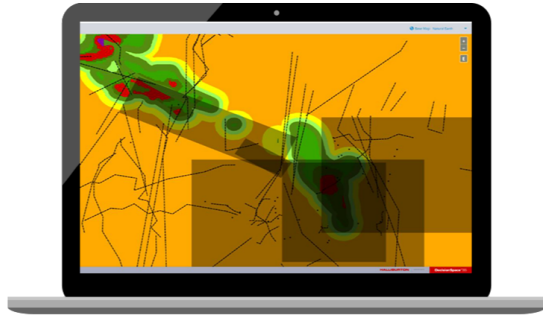
**CUSTOMIZABLE PLAY DEFINITION**

FairwayFinder allows the user to define the project area and geological parameters for the play. This includes the geological time range for play elements and the lithologies to consider prospective. The global coverage of content provided by Neftex® Predictions allows screening to be conducted in any petroliferous region of the planet. This level of customization enables users to evaluate play concepts and test new ideas.

**MULTIPLE SCENARIO TESTING**

FairwayFinder allows the user to rapidly reiterate projects and fine-tune the input parameters. This enables multiple scenarios to be assessed and for the geoscientist to understand the range and likelihood of key exploration risks. The application features advanced web mapping functionality, allowing multiple results to be visualized and interrogated without the need for downloading to desktop packages.

FEATURES



CONSTRAINING DATA AND WORKFLOW AUDIT

As part of the screening workflow, FairwayFinder generates a range of intermediate outputs that are used in subsequent stages of the workflow. Examples of this include kitchen maps, reservoir effectiveness maps and depositional extent maps. Each of these intermediate outputs are delivered alongside the constraining data locations, allowing users to understand where the results are supported by data, and providing a head-start in more detailed fairway mapping workflows.

TO LEARN MORE, CONTACT: LANDMARK@HALLIBURTON.COM.