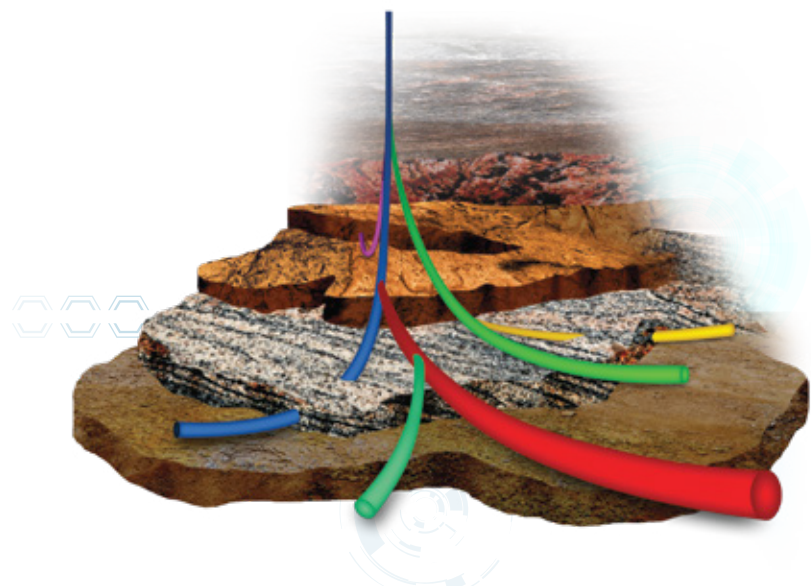# PathView®
Well Path Visualization Model

Overview

Three-dimensional visualization of a wellbore trajectory has been challenging. However, calculations such as true vertical depth and dogleg severities and the ability to see the well path in a 3D workspace are important because they can help engineers to visualize the development plan, avoid well collisions, and effectively present the plan to others.

By combining the survey calculations with visualization technology, PathView provides an interactive, true 3D-rendered view of a single well, multiple wells, multilateral and multi-level sidetracks. The anti-collision feature accurately calculates the minimum distances across wells and graphically shows the distances in 3D space. PathView brings the well path visualization to a new level with options like 3-way projections, curved walls, various transparency, etc.
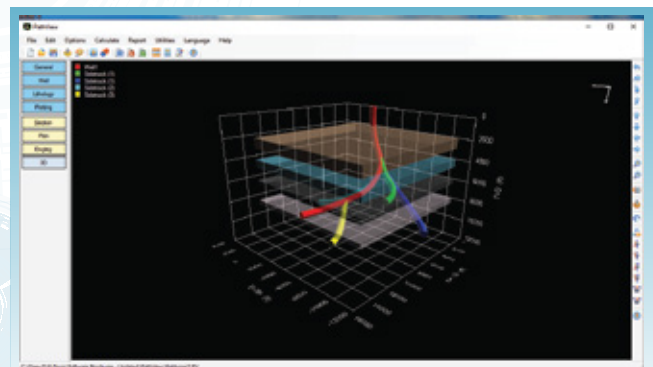
Features

- True 3D-rendered wellpath visualization
- Anti-collision calculations
- Surface lease lines
- Formation lithology
- Survey import from Excel®, text or PDF® files
- Up to 5,000 rows of survey data
- Plots specified wellbore range
- Up to 10 sidetrack levels
- Plots and prints detailed well profiles
- Plan view, section view, 3D view, and dogleg
- Up to 5 kinds of parameters along the wellbore
- Up to 20 different wellbore sizes
- US oil field, SI, and customized units
- Microsoft Word®, Excel® and PowerPoint® reports
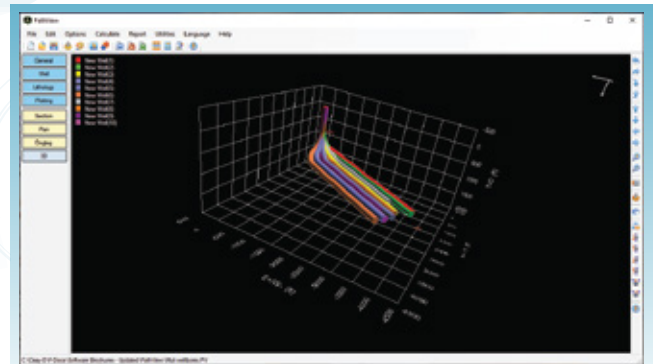
System Requirements

- Microsoft Windows® 10 or above
- Microsoft Office® 2016 or above
- Dual-core Intel or AMD processor, 1.4 GHz or higher. Quad-core CPU recommended (Not compatible with ARM processor)
- 4 GB RAM
- 200 MB of free disk space for installation
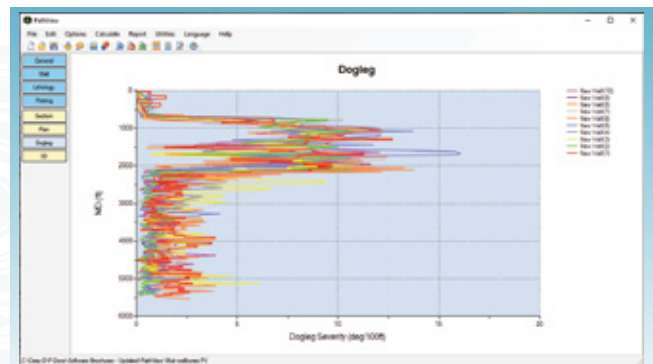- 1,280 x 768 display resolution

Well Survey Data

Drilling Formation Lithology

Well Path 3D Visualization

Multi-Well Dogleg View