CoViz Integrated Well Designer™, an optional module for use with CoViz® 4D, offers quick, robust, easy-to-use well planning for non-expert well planners within the context of their geologic, geophysical, and reservoir data. Driven by the strength of the WellArchitect® planning engine, the CoViz Integrated Well Designer combines powerful well planning software with advanced 3D visualization capabilities -- a major step forward for the oil & gas drilling industry.

Many geoscientists and engineers prefer to first create an appropriate well path within their data, rather than simply sending 3D target locations to a professional well planner (inside or outside of their organization). By creating their own well paths, they can analyze:

- Is the well path staying within the sweet spot?
- How exposed is a well to a problem horizon?
- Is it more efficient to sidetrack?
- Is it too close to the oil-water contact?
- How do critical parameters vary along the length of the well?

Working in the CoViz Integrated Well Designer, users can identify and manage problem areas faster, shortening the cycle between geosciences and drilling, thereby maximizing returns on drilling investments.

The CoViz Integrated Well Designer offers:

- Calculation with a variety of curves, and automatic display in a robust 3D/4D visualization environment via CoViz 4D.
- 2D and 3D geologic target generation within the context of all the asset team’s data.
- The ability to sidetrack from any well and change the tie-on on-the-fly.
- Display of ellipsoids of uncertainty and driller’s targets based on ISCWSA standard tool models.

All within the context of the asset team’s data for optimal wellbore placement.

Well paths are quickly designed and analyzed within the context of geophysical and geological data.
The CoViz Integrated Well Designer offers well planning, ISCWSA standard tool models, and display of geologic and drillers targets.

Go from reservoir data across the asset team to . . .

creating multiple proposal options, from slot, side-track, or even plan in reverse to . . .

comparing positional uncertainty of different proposed paths . . .

ALL WITHIN MINUTES