A new era in wellbore co-visualization

Perigon has created the most versatile and effective subsurface wellbore co-visualization platform available. The iPoint suite of data integration products accelerate workflow, maximize accuracy and increase productivity throughout the GGRE functions.

Module list

Search & Report: Sophisticated and detailed search and report tool. Allows the user to search across the iPoint database or connect to OpenSpirit/Envoy to search any connectible data source.

iMine: Examine all your data at the touch of a button. Fully customizable and intuitive displays allow data trees, lists, matrices, maps and charts to be constructed giving a high-level overview or detailed picture of your data – you decide. Identify gaps, data quality, assign statuses and intelligently batch export your data and images in a range of industry standard formats.

VizPoint: Multi-scale, synchronized co-visualization across multiple database sources and data types. Single and multi well capability.

Processing Point: Creation of curve export routines, combining cross-discipline data types, resampling, shifting and a choice of datums make this advanced export tool fully configurable.
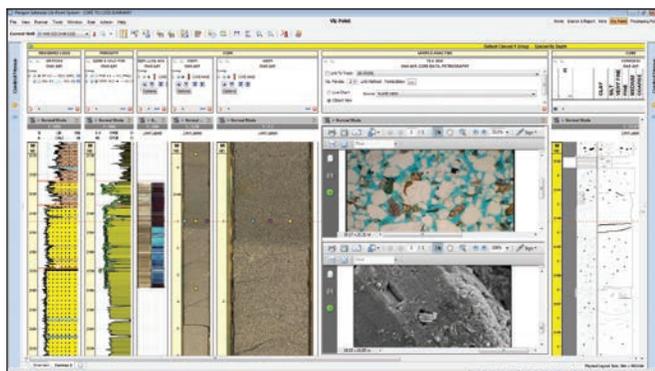

Revolution in visualization

iQuest: A dynamic, workflow accelerating 'truth detector' that spots discrepancies, fixes data gaps and synchronizes error correction across multiple sources.

GIS: An ArcGIS plug-in that allows browsing of wells AOI and posts statistics and QC scores on maps. Integrates as a navigation tool with VizPoint and iMine modules.

Multi-Scale Visualization (Macro to Micro): Synchronizing individually scaled images and digital data on-screen, iPoint instantaneously aligns by measured or true vertical depth. What's more, you can easily adjust each scale on-the-fly to gain ultimate correlation understanding.

Middleware & Adapter Kit(s): Industry standard middleware without data duplication. Interacts directly with Spotfire, OpenSpirit, Envoy and most database systems via the GQL module.

Multi-Discipline Visualization: The iPoint suite enables co-visualization of all wellbore data types, making it a valuable tool for geologists, geophysicists, petrophysicists, reservoir engineers, drillers and data managers alike.
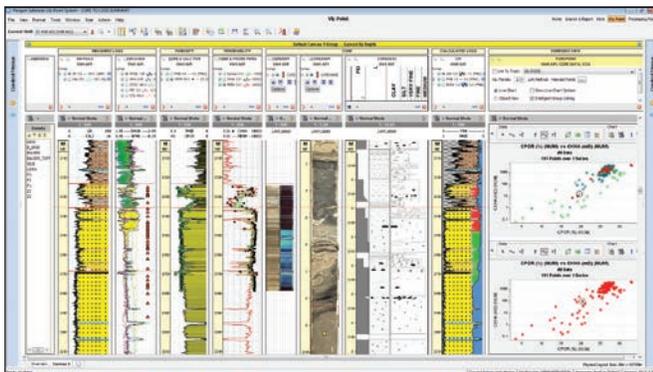
Multi-scale, cross-discipline data views ranging from macro to micro

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a revolution in understanding

Curve Shifts: Create Core to Log shifts using the interactive Shift Creation tool, pre-loaded data or manual entry. Save, edit, share or export shifts.

Splice & Despike Tool: Splice multiple runs into a single curve and remove any spikes or curve points using the despike options. Compare the original and edited curve at the same time on separate tracks.

Curve Calculations: Create and display curves dynamically using customized expressions based on existing curve selections. Apply filters using criteria within the Curve Calculator Wizard, and save results to the iPoint Datastore or export curve to industry formats.

Cross Plots: Build single and multi-well crossplot chart views, with additional options provided to apply color, size or shape bins. Apply regressions and filter by a selected interval (e.g. Formation).
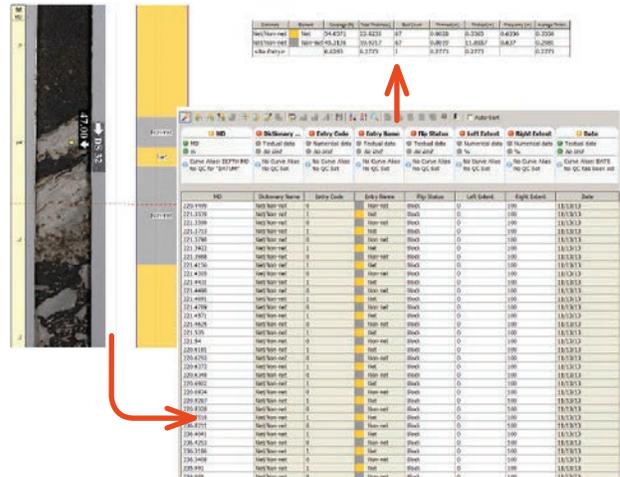

iPoint's Visualization Module brings everything together on depth

The iPoint suite of data integration products accelerate workflow, maximize accuracy and increase productivity
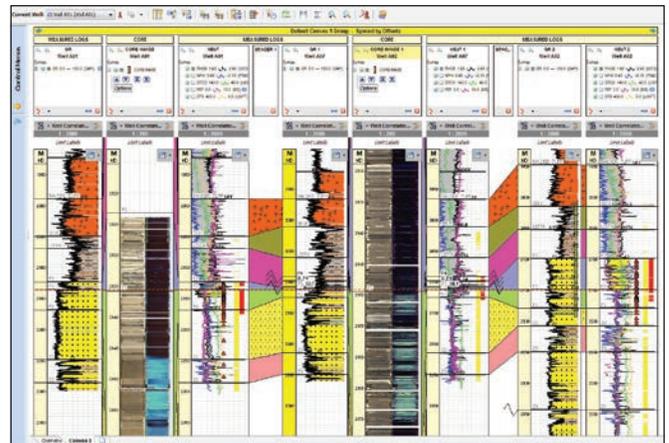
Thin Bed Analysis: Based on a series of dynamically interpreted thin beds, iPoint calculates a number of statistics with additional range options including specified intervals or formations.

– Total number of beds – Total coverage
– Thickest & thinnest bed – Average bed frequency
– Average bed thickness

Thin Bed Analysis workflow

Well Correlation: Build cross section views across multiple wells and correlate within a single layout. Create and edit user-defined markers and fills. Additional depth synchronization options provide easy methods to correlate wells, including depth, offset, or flattening across an entire formation.

Multi-well correlation using both core and log data

For more information on iPoint, contact Perigon today.
Call **713-821-5924** or **+44(0)1224 355255**

email **info@perigonsolutions.com** or visit **www.perigonsolutions.com**

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