We asked the industry.

What do you need to improve your efficiencies with regard velocity modelling/calibrations?

Allow users to rapidly update velocity models using the latest data. Previously keeping models current was very time consuming leaving models to be updated over longer periods, years.

Easy to use interface, automation and repeatability.

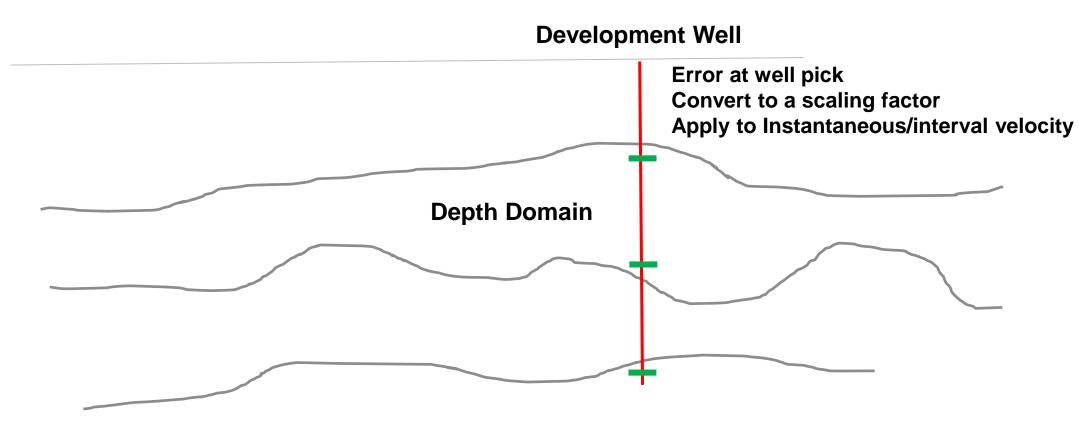
Uncertainty workflows are providing a rapid and consistent view of the uncertainty associated with the depth calibration

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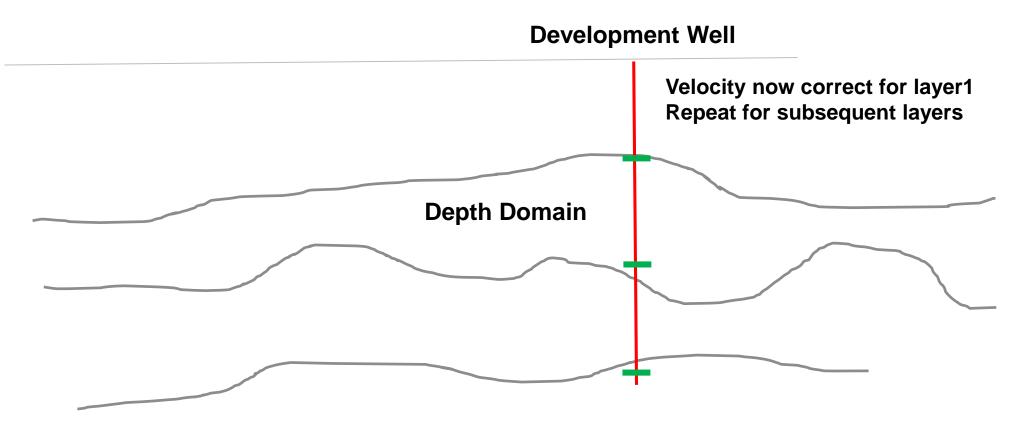


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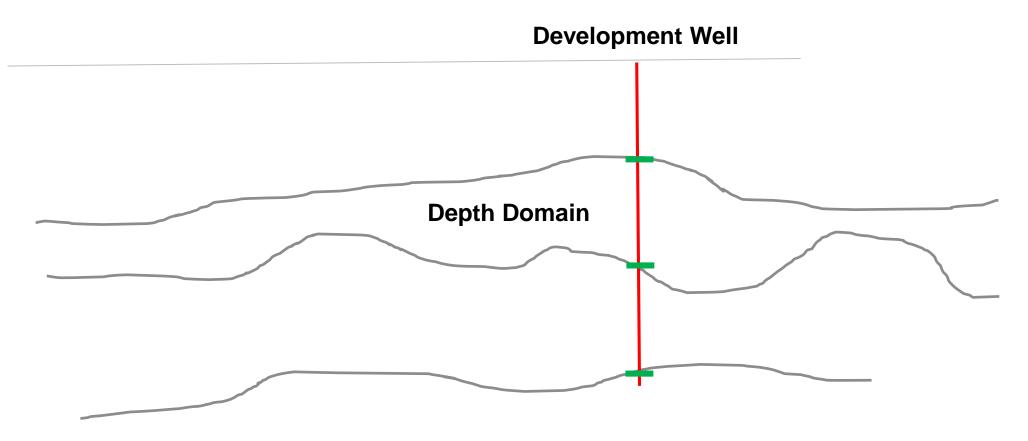
How the process works.



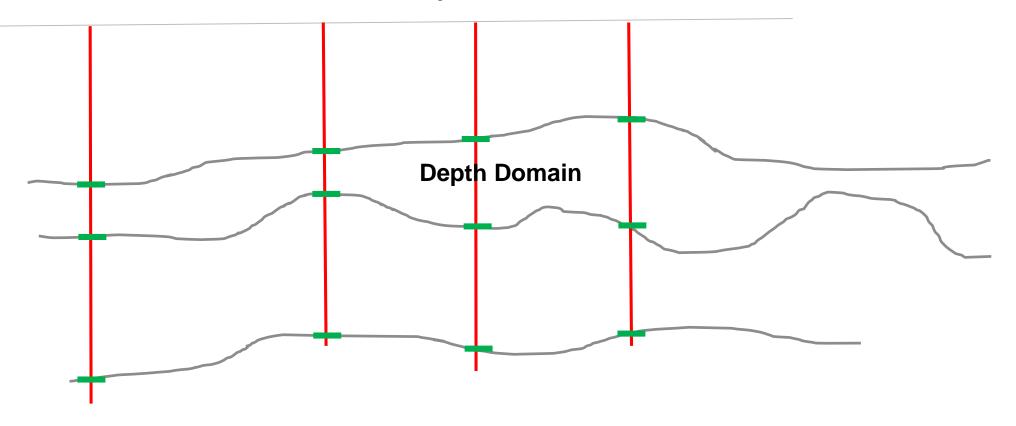
How the process works.



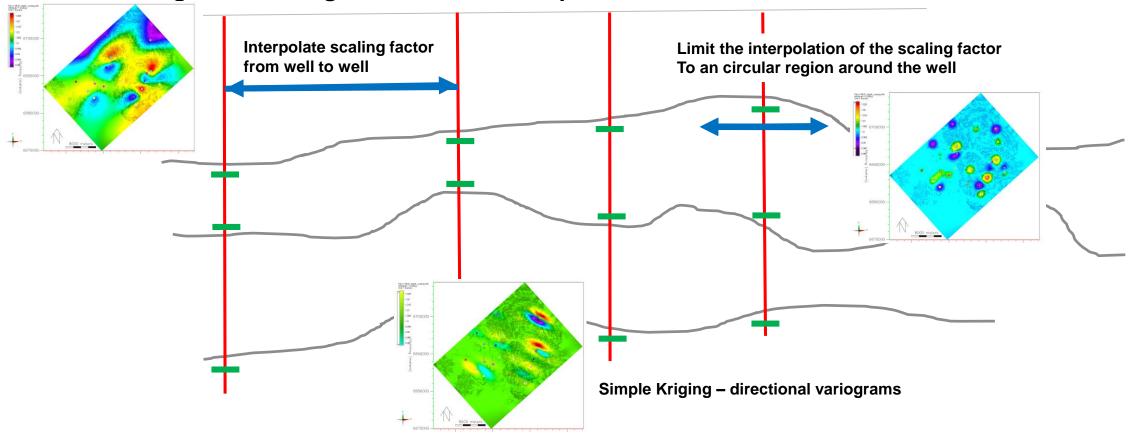
How the process works.



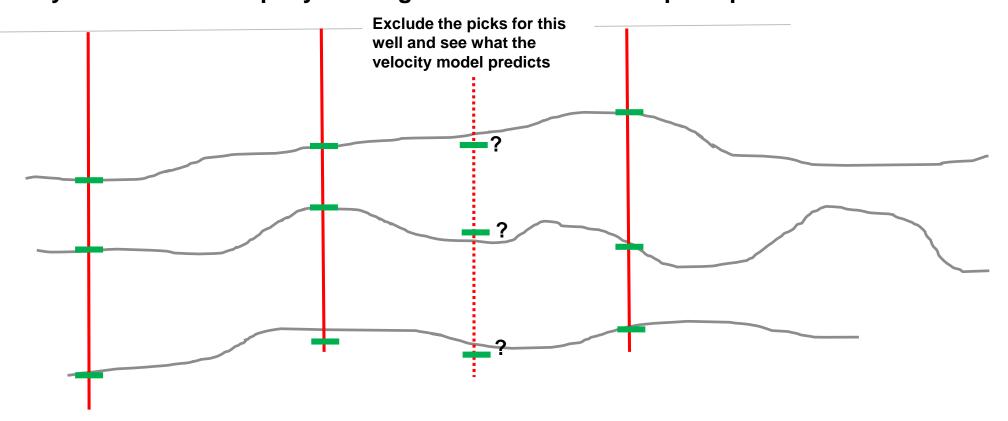
Lots of wells, requiring Fast, Easy, Reproducible updates to the Velocity Model Not a black box – lots of intermediate output to QC results



One model does not fit all. Various methods to model the distribution of the scaling factors between wells Scaling factors are gridded in 2D and expanded into 3D.

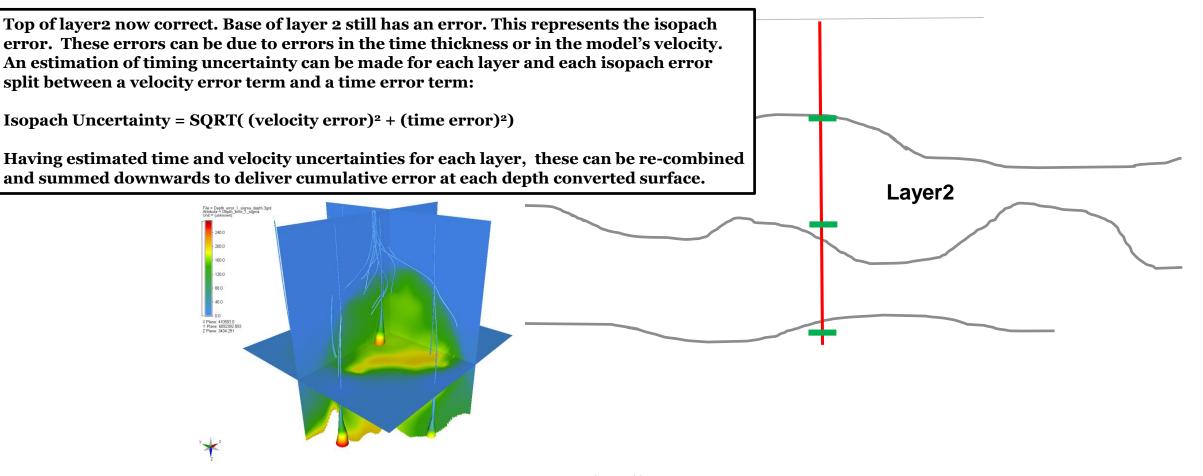


Well Drop Out. How good is your velocity model ? DGI only commercial company offering an automatic well drop out process

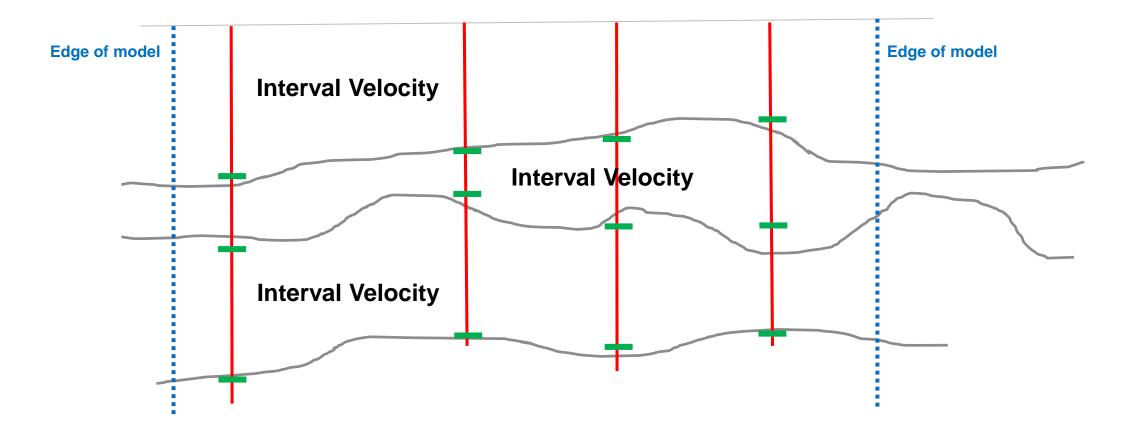


Depth Uncertainty.

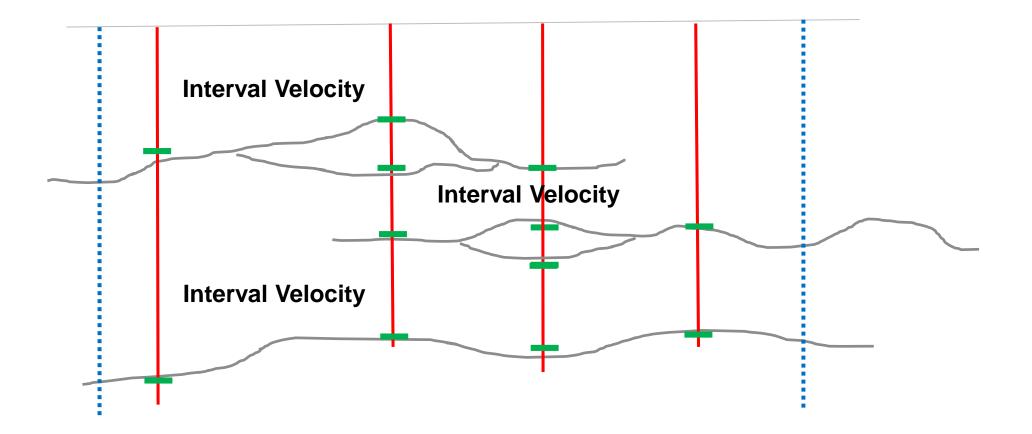
Planning a well you will need to know the depth uncertainty to 2 Standard Deviations



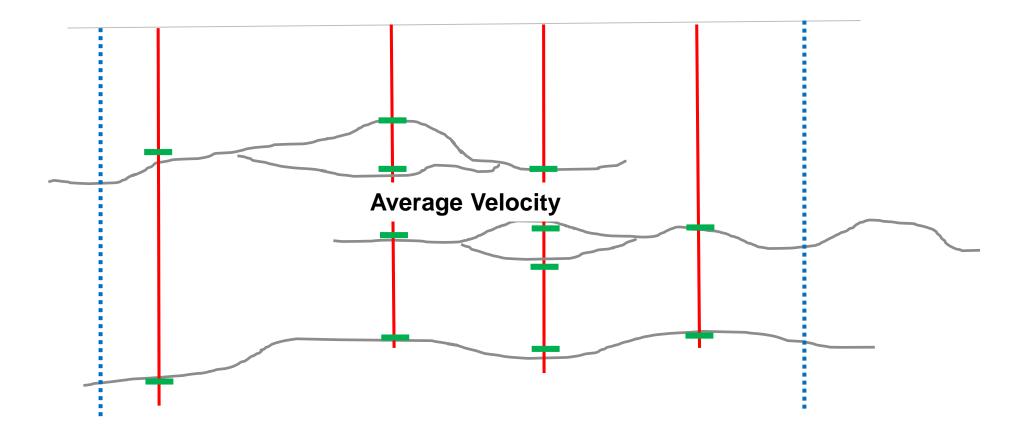
Limitations to Interval Velocity – requires layer cake structure

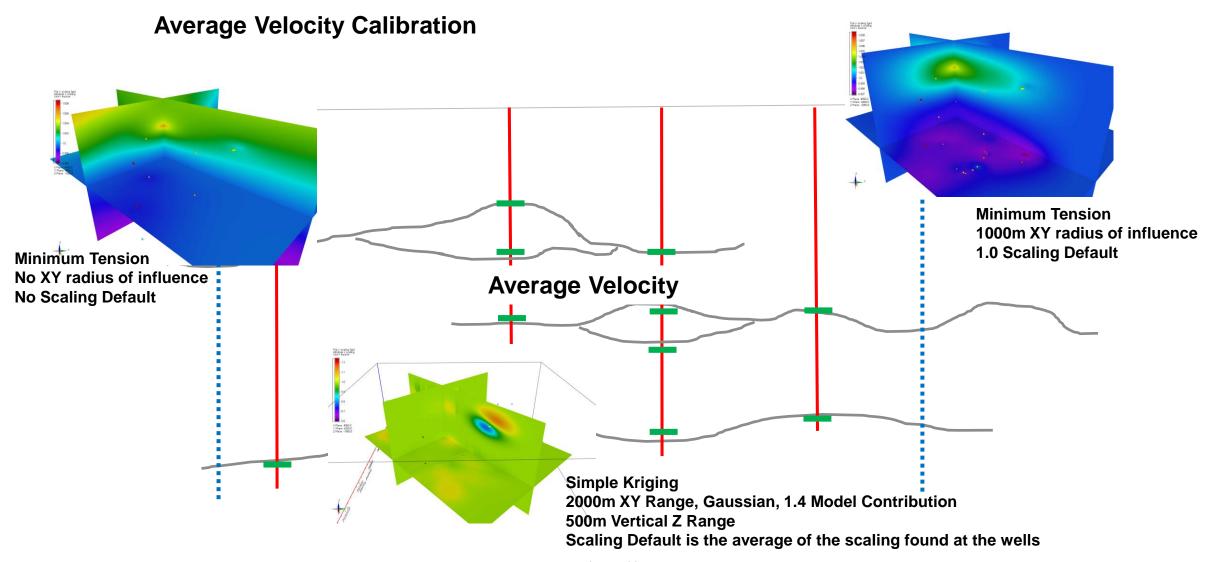


Limitations to Interval Velocity – when using discrete geobodies

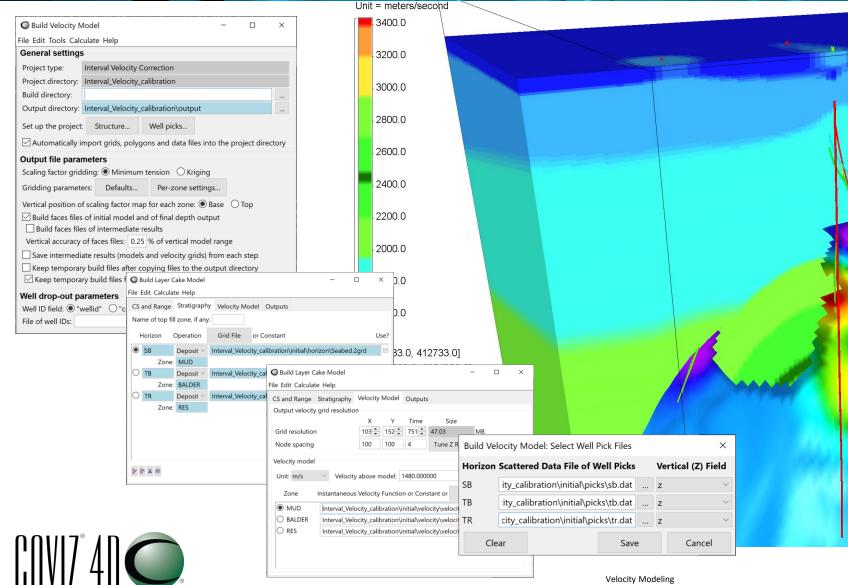


Solution - Average Velocity Calibration





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For more Information. Come and see us at stand 18

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