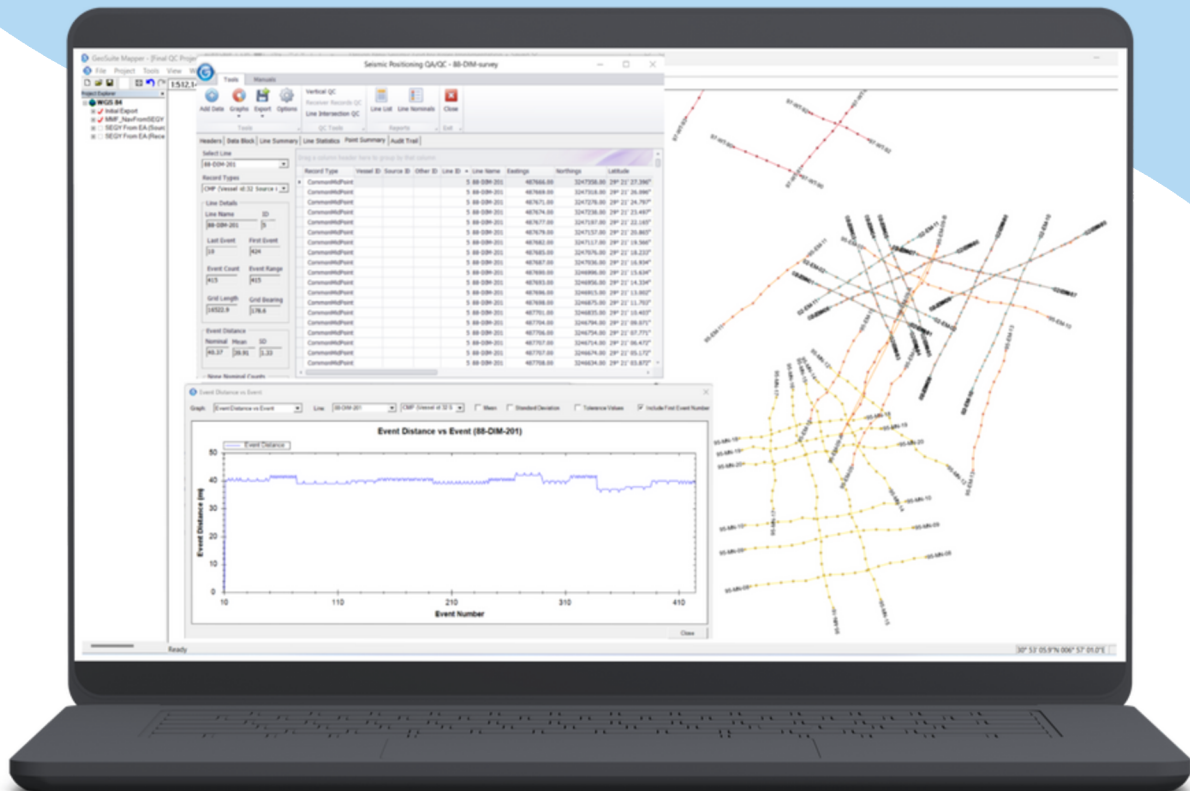# WELLS QC

- Import wellbore survey data through user defined file format or manual entry.
- Geodetic referencing of the imported data in both horizontal and vertical planes.
- Display of well header positions against satellite imagery.
- Import can be either raw survey observations (magnetometer and accelerometer) or MD, Inc, Az.
- Perform independent trajectory computations using five different algorithms including tangential and minimum curvature methods.
- Dedicated database to store all metadata and attributes associated with the wellbore and survey definitions.
- QC plots created for wellbore trajectories and other attributes such as dog leg severity, tool face angle.
- QC all angular aspects of the data which includes north referencing, grid convergence, magnetic declination and deviation.
- QC of linear aspects including scale factor and point scale factor.
- Comparison of data computations performed by contractor against the apps own independent internal computation.
- Compute the cone of uncertainty and down hole error ellipses for each wellbore.
- Export data to IOGP compliant P7/17 file format.

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