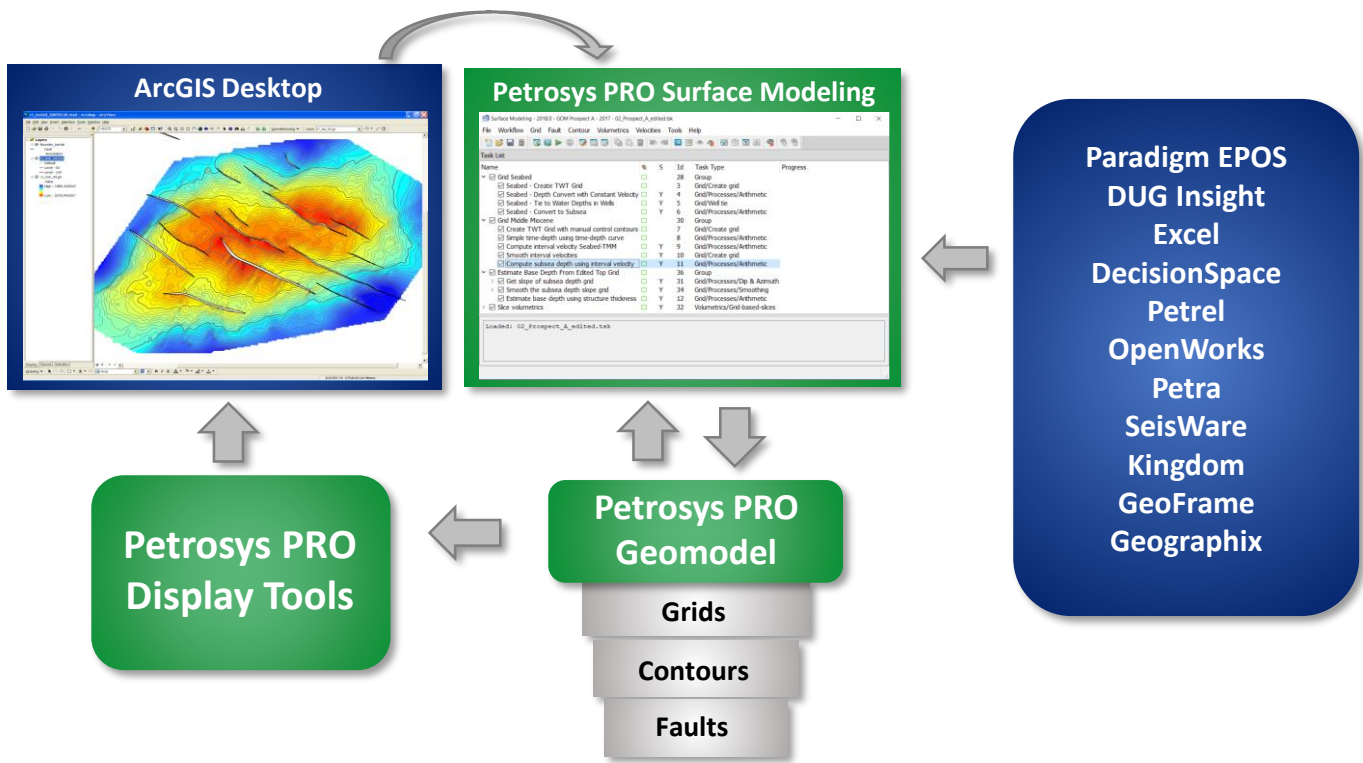


# Petrosys PRO Plug-in for Esri

Explore the subsurface from your ArcGIS desktop

Your Petroleum Exploration and Production success depends on a rich suite of subsurface information. Make this accessible in your corporate ArcGIS environment through the Petrosys PRO plug-in for Esri.

Direct access to our gridding, contouring and volumetrics computations from the ArcGIS desktop lets you create surface models of complex faulted structures from the seismic interpretation, well formation picks and other data read directly out of the original applications and project data stores. Plug-in rendering options on the ArcGIS desktop enable the excellent Petrosys PRO subsurface grid, fault and contour map displays that the EP industry has come to depend on.

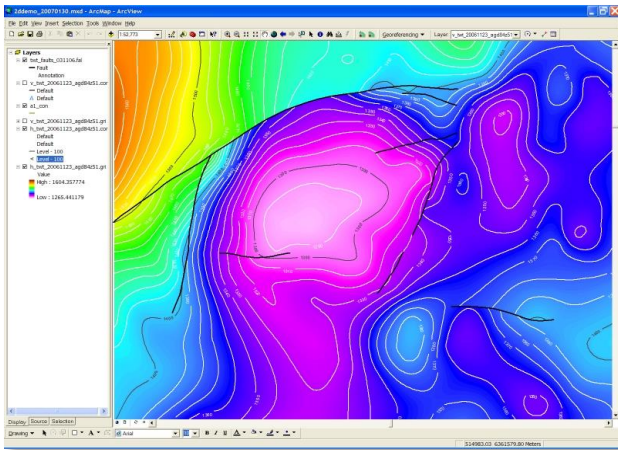


## The Petrosys PRO plug-in extends your Esri desktop with:

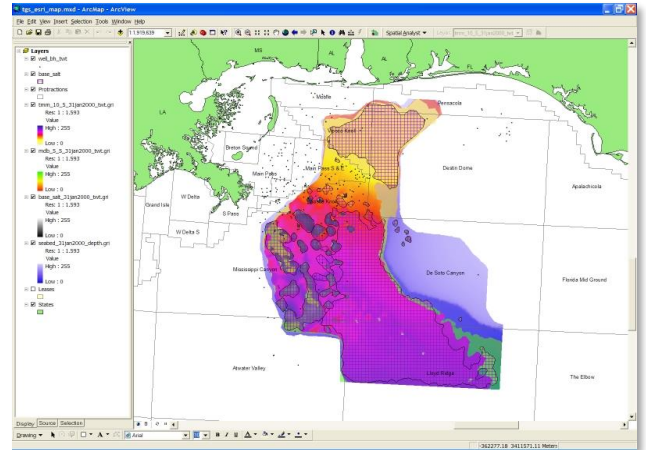
- Access to the Petrosys PRO surface modeling workflow manager, from which you can create and manipulate grids using data directly sourced from connected applications and stores
- ArcGIS access to Petrosys PRO grids, with embedded faults and discontinuities and Petrosys PRO inter-cell interpolation, for rendering using ArcGIS tools and colour ramping
- Petrosys PRO rendering tools to provide EP standard display of contours and faults in the ArcGIS canvas

# Harness the power of the Petrosys PRO Plug-in for Esri

- Work with ArcGIS data on the Petrosys PRO desktop and Petrosys PRO data on the ArcGIS desktop
- Integrate subsurface knowledge with your existing GIS information
- Support subsurface model displays in your ArcGIS space by including faults and discontinuities
- Render contours using Petrosys PRO intuitive contour display controls
- Give your ArcGIS users access to the premier EP surface modelling tools with a low learning curve
- Reduce the need for complex data exchange between subsurface and ArcGIS systems
- Improve subsurface data management through more direct access and less duplication
- Leverage data in the most popular subsurface interpretation and data management systems



Access, run and save surface modelling workflows. Tie seismic velocities or depths to well data. Map proximities and sample densities. Back interpolate velocity, time or depth data to well or seismic information. Estimate reservoir extents. Depth convert. Perform volumetrics calculations. Easily.



Vital G&G technology, smart algorithms and interpolation tools come together effortlessly with Esri GIS data to let you see what others can't.

## Additional Petrosys PRO tools for Esri subsurface integration

The Petrosys PRO plug-in for Esri is just part of Petrosys' commitment to helping our customers leverage their GIS and subsurface investments through closer integration of workflows and data. The Petrosys PRO map view can display ArcSDE, shapefile, personal GeoDatabase, ArcGIS web services and other GIS data along with more EP specific formats such as ZGF.

Most Petrosys PRO map layers can be exported back into shapefiles as generic spatial data. Vector data from ArcSDE can be used to describe faults and polygons in a growing range of Petrosys PRO tools. Petrosys PRO's unique Oracle Spatial indexing of the PPDM well and seismic models enables publication of well and seismic location data from a master data store directly to ArcSDE, reducing data duplication and improving integration.

[www.petrosys.com.au](http://www.petrosys.com.au)