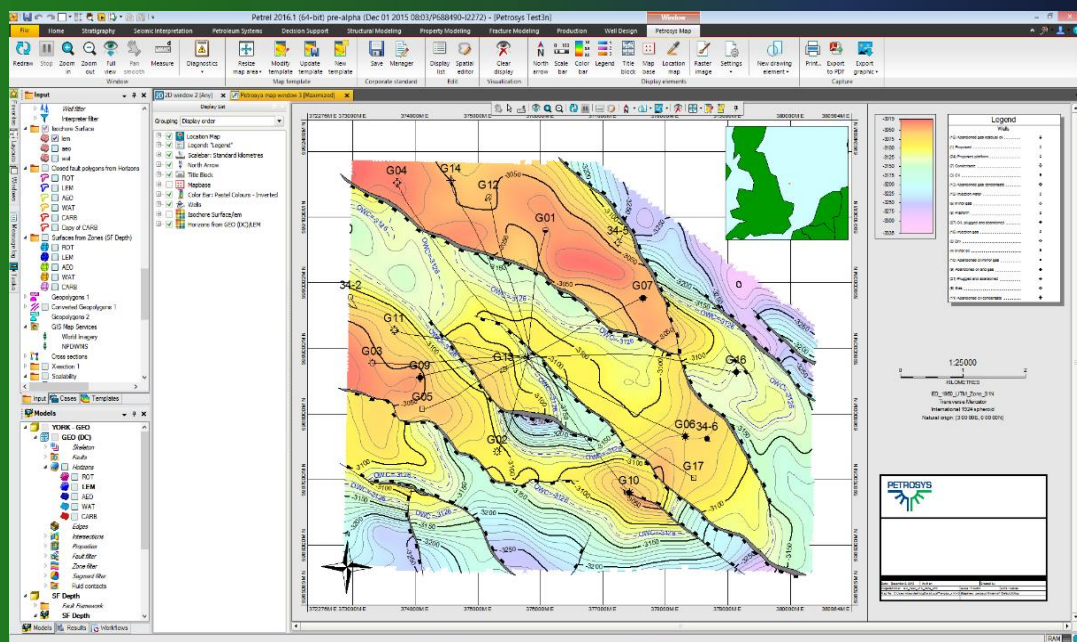# PETROSYS

Petrel Mapping Module by Petrosys

Advanced presentation-quality mapping within Petrel*

The Petrel Mapping Module by Petrosys (PMMbP) brings essential map-making capabilities to your everyday workflows, putting the industry's leading, most sophisticated and easy to use sub-surface mapping and editing tools right where you need them – in your Petrel* E&P software platform.

Improve your mapping experience in the Petrel platform through tight data, process and user-interface integration.

Rich mapping templates provide presentation-quality cartography that effectively presents sub-surface context and potential.

Maps are easily created in different projection systems.

The PMMbP map window seamlessly integrates advanced mapping into the Petrel environment.

Features

- E&P focused map rendering of well, seismic, surface, GIS and other data
- Standard map templates can be created and managed at corporate or project level
- Display list layer management
- Best in class contour and grid surface displays with a variety of fault symbologies
- Contour editing to remove gridding artefacts and introduce geological trends
- Graphical editing of spatial data
- Thematic mapping of culture data
- Comprehensive coordinate reference systems support
- Flexible overpost correction for annotations
- Fine control of fonts, colors, and line styles
- Custom legends, title blocks and display elements
- Location maps
- High quality scaled hard copy and digital image output
- Layered and georeferenced PDF output
- Installed with Petrel locally or hosted on DELFI

* Petrel E&P software platform is a mark of Schlumberger

Benefits

- Improves internal and external communication through having a higher quality of maps - in more consistent styling - at all stages of subsurface workflows
- Maps can be kept up to date as interpretations evolve, new wells are drilled, and new data become available
- Faster turnaround means management and investors can be provided with the most up to date information
- Data submissions require less time and can be completed on shorter deadlines
- Information from sources in alternate coordinate reference systems can be visually combined without conversion
- The same content can be individually styled for screen, print, or digital archival use
- Geologically intuitive surface editing
- Small incremental learning curve for existing Petrel users
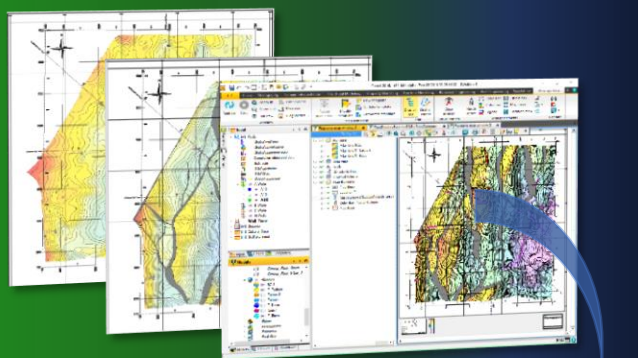- Minimal additional software support for existing Petrel installations

Mapping, modeling and data management software for oil and gas professionals
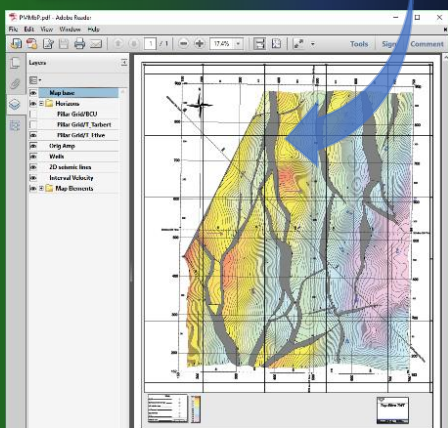
Petrosys PRO *or* PMMbP?

Petrel users have a choice of two options for accessing Petrosys mapping functionality with their Petrel data:

The Petrel Mapping Module by Petrosys (**PMMbP**) described in this brochure is a presentation mapping tool developed by Petrosys as a Petrel module, which can be supplied and supported by Schlumberger as part of a Petrel installation. The **PMMbP** is an excellent solution for producing improved subsurface maps in a fully integrated Petrel environment with a single point of licensing and support.

Petrosys PRO is the Petrosys mapping and surface modeling application supplied and supported by Petrosys offices worldwide. **Petrosys PRO** comes into its own when your maps need the next step in content and flexibility; when EP data beyond that readily accessible in Petrel is to be used; and to provide fast accountable surface modeling from a broad range of data with a leaner software applications stack.

A user can turn on/off different layers directly in the map and from the PDF viewer. This allows the sharing or archiving of complex information in a single file. A single PDF could contain a map of all horizons in a 3D grid.

PDF map output from Petrosys preserves the map layers.

Category	Functionality	PMMbP
Map Based Displays	Wells	✓
	Seismic 2D/3D navigation	✓
	Seismic 2D/3D interpretation	✓
	Faults	✓
	Grids	✓
	Create contours on-the-fly	✓
	Petrel culture	✓
	Legends	✓
	Title blocks	✓
	Scale bars	✓
	North arrow	✓
	Petrel raster images – georeferenced	✓
	GeoTIFF raster images – georeferenced	✓
	Location map with automation	✓
	Drawing elements – shapes, text and symbols	✓
Cartography and Geodetics	Edit a map template	✓
	Manage company standard templates	✓
	Project data into another CRS on map	✓
Map Editing and Interoperability	Spatial editing of Petrel GIS and contours	✓
	Workflow enabled – auto repeat creation of maps across selected formations / horizons	✓
	Cursor and data synchronization between Petrel windows and the Petrosys map	✓
Publishing	Print direct to Windows printers	✓
	Workflow enabled map automation	✓
	Export to GeoTIFF, JPG, PNG, PDF	✓

The PMMbP is available in the latest versions of Petrel.

To see an introductory video of the PMMbP visit www.petrosys.com.au/petrel For information about the Petrel E&P software platform visit www.slb.com/petrel

"Maps are one of the most important tools used to help describe the subsurface. They are the fundamental work product that geoscientists use to present and communicate information."
VP Exploration,
Mid-sized European Energy Company

PETROSYS

Contact Us

info@petrosys.com.au
www.petrosys.com.au

Australia	+61 8 8227 2799
Americas	+1 713 580 2900
Canada	+1 403 537 5600
Europe	+44 141 420 6555
Malaysia	+60 3 2772 7357