

Encom PA v10.0

Pitney Bowes Business Insight is pleased to announce the release of Encom PA v10.0, which has many improvements, fixes and new features.

Encom PA v10.0 is a practical improvement to the already versatile package of previous versions. In this release Encom PA focuses on making it easier to work with datasets in one, two and three-dimensional displays and producing more realistic 3D geological models of the earth through its improved range of digitising and feature editing capabilities.

Others features available in this release of Encom PA (Explorer and Professional) are:

AUTO-SAVE SESSION FUNCTION

If Encom PA is closed abruptly without the session being manually saved first the software automatically saves the session to a temporary file, and then allows the user to recover it the next time Encom PA is opened. The intervals of periodic saving can be set via the Tools>Options>View dialog.

WORKSPACE TREE REORDERING

The branches for data objects (e.g. flight lines) in the workspace tree can now be reordered using "drag and drop".

COORDINATE AND DATA INFORMATION POP-UP TIPS

Now available in Profile and 2D Map display windows and can be enabled from the View dialog (Tools>Options menu).

DATA EXTRACTION FROM SPREADSHEET

You can now extract data from the spreadsheet window to an external software application, such as Microsoft Office Excel™.

DATA LINKING

Improved data linking between the spreadsheet window and profile displays now includes the ability to highlight a range of stations using the "Select Range" tool from the pop-up menu of a profile.

DATABASE MAINTENANCE IMPROVEMENTS

Includes the ability to create a subset Geosoft™.GDB database from an original Geosoft.GDB database, merge multiple Geosoft .GDB databases into one, clip survey lines in a Geosoft.GDB database using a polygonal region from an input 2D vector file (MapInfo .TAB, ESRI .SHP or an internal feature database .FDB)

VIEW IN 3D

The conversion of 2D displays (section profiles and maps) to 3D visualisation using the "View in 3D" option now allows the user to select which 3D window to add the data object to.

VOXEL MODEL DISPLAYS

Improved control using a new interactive Chair Clipping control and multiple arbitrary angle slices which can be set using the 3D Cursor Plane.

3D VIEW MANAGER

Now allows you to save your 3D extents and orientation on both a session and global scale.

2D INTERACTIVE GRIDDING

Improved to produce a more detailed grid by allowing the user to grid from multiple input datasets, including Geosoft Databases (.GDB), MapInfo Tables (.TAB) and Feature Databases (.FDB).

FEATURE DATA WINDOW

The Feature Data Window is now a "floating" window that can be repositioned, docked to a margin of the PA interface or even moved to another computer screen, providing you with a larger display area to work with. The window is now able to be customised to show only the fields that are important and hide from view other fields which are not important.

FEATURE EDITING TOOLBAR

Provides many more options for editing feature objects in a feature database.

ADVANCED FEATURE EDITING

Now includes the ability to modify and edit feature polylines, polygons and closed polyhedral solid models using options such as the splitting, merging and extension of polylines and the conversion of polygons into triangulated (TIN) surfaces.

Triangulated surface feature objects can have nodes deleted or added and vertices perpendicular to the cursor plane can be repositioned using an "elastic" movement.

SECTION GRIDDING OUTPUT

Now displayed automatically in a Section Profile display with full line iteration capabilities and a smoother conversion process to 3D located images (via the View in 3D option).

For further information on any of these new features and improvements please refer email our geophysical support team geophysical_support@encom.com.au