Pitney Bowes
Business Insight

Encom Discover Mobile v3.6

The release of Encom Discover Mobile v3.6 from Pitney Bowes Business Insight includes several important functional and efficiency enhancements, notably:

- Support added for Thermo-Fisher's Niton portable XRF devices
- Updated support for Olympus's Innov-X portable XRF devices
- Streamlined XRF connectivity
- New Range Styles libraries for permanent style over-rides of numeric point datasets, including automatic on-the-fly application to XRF data
- New Range Style Editor in the Desktop toolset

Niton Portable XRF connectivity

Multi-element measurements from Thermo Fisher's Niton field-portable XRF systems can now be captured, visualised and correlated in real-time against existing geochemistry, geology, and geophysical datasets. And when combined with Discover Mobile's support for Trimble's differential GPS system, your Niton XRF field data can be recorded with super accuracy.

Streamlined XRF connectivity

Benefit from the efficiency and time savings of real-time geochemical analysis, with Discover Mobile's improved capabilities for capturing and displaying field-portable XRF measurements. Not only does Discover Mobile now support both Niton and Olympus Innov-X XRF devices, but XRF data capture has been streamlined via improved interfaces and data table structures

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XRF data can now be visualised in real time using custom themes, allowing the immediate identification in the field of anomalous trends. The addition of user-specified custom fields to XRF data files allows location-specific information such as geology/regolith/soil type/etc to be logged. Discover Mobile will also now provide an audio cue when an XRF measurement is received.

Range Styles

Apply style overrides permanently to numeric point datasets, using the new Range Styles libraries. This is particularly beneficial for capturing XRF data, for which style overrides can be applied automatically as measurements are recorded. This allows the user to visualise geochemical anomalies in real-time in the field, allowing immediate on-the-fly infill and verification sampling.

Range Style libraries can be either created on the mobile device, or more easily via the new Range Style Editor included in Discover Mobile's desktop toolset.

Other Improvements

- Upgraded Trimble Pathfinder SDK to 2.41
- Enhanced Trimble SSF logging capabilities for post-processing.
- New Trimble Simulation mode

System Requirements

Discover Mobile 3.6 requires a handheld computer running Windows Mobile 2005 or 2006. No separate MapInfo solution is required.

Trimble post-processing requires a desktop installation of Encom Discover 10.1 or later and Trimble Pathfinder Office 4.0 or later.