



## **PRESS RELEASE**

### **SPECTRAL EVOLUTION'S Custom Library Builder Software Simplifies The Process Of Creating A Spectral Library.**

**Create custom spectral libraries for minerals, vegetation, soils, plastics, powders – whatever your application requires.**

*Lawrence, MA – October 23, 2013* – Whether your NIR application is in mining, remote sensing, raw materials identification, or quality control, to improve the accuracy of your identification and analysis, often requires a custom spectral library. Now, SPECTRAL EVOLUTION introduces our Custom Library Builder software to make creating your own library easy.

Used with our EZ-ID™ identification software and field portable spectrometers and spectroradiometers, the Custom Library Builder allows you to collect scans of known samples and quickly save the scans with critical metadata. For example in a mineral spectral library, the metadata might include the name of the sample, location, geologist, physical properties like color and hardness, GPS, and more. For a vegetation spectral library it would include the name of the sample, the locations, time of year the sample was taken, and more. In a raw materials inspection application, it could include the sample name, vendor, lot number, person who inspected the sample, quantity, and more.

The Custom Library builder is shipped with some pre-defined metadata fields but also allows for extensive user-defined metadata. The software is very easy-to-use and

- Fast and accurate identification of an unknown mineral to a known library sample
- Easy to use – just collect a target scan using a SPECTRAL EVOLUTION spectroradiometer or spectrometer and see match results in real time

- Enter metadata and values/descriptions associated with that metadata either before scanning the known sample or after and save to your library
- Run your new sample scans against your library with EZ-ID software and quickly and accurately identify your sample based on a best match
- Include or exclude spectral regions of interest for optimal results

Adding new scans to your library is just as fast and easy.

For more information: [http://www.spectralevolution.com/Mining\\_software\\_EZID.html](http://www.spectralevolution.com/Mining_software_EZID.html)

#### **About SPECTRAL EVOLUTION**

Established in 2004, SPECTRAL EVOLUTION is a leading manufacturer of laboratory and handheld portable spectrometers, spectroradiometers and spectrophotometers. SPECTRAL EVOLUTION spectrometers are used worldwide for many mission-critical lab and field applications in mining, remote sensing, vegetative studies, ground truthing, environmental and climate studies, developing satellite calibrations, and more, due to their reliable, robust, rugged design and user-friendly one-touch features.

SPECTRAL EVOLUTION maintains a facility in Lawrence, Massachusetts which houses design, prototyping, manufacturing and service facilities for the instruments that it markets and sells worldwide, either through direct sales, OEM sales or through distributor agents. EZ-ID and oreXpress are trademarks of SPECTRAL EVOLUTION.

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