

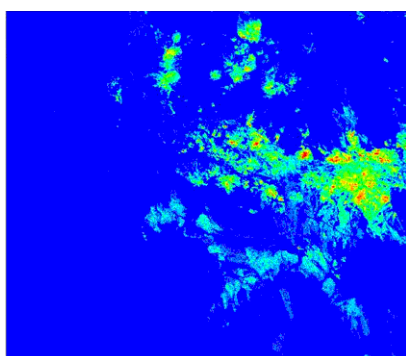
Looking for gold ... diamonds?

How do you know where to start digging?

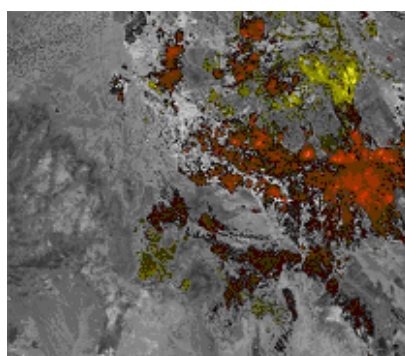
EARTH VIEW[®]

HY PAC

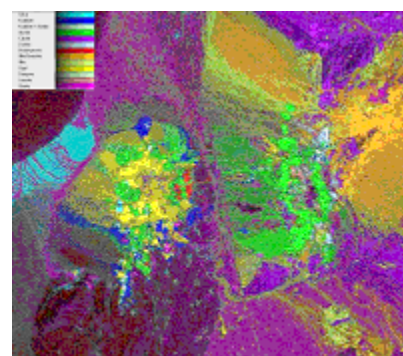
Atlantis Scientific Inc. introduces EarthView[®] HyPac (Hyperspectral Package). Hyperspectral image processing is an advanced technique that partitions reflected energy from the earth's surface over several hundred channels to isolate unique reflecting materials. EarthView[®] HyPac software is designed to provide the end-user with an affordable and effective tool capable of handling large data volume, timely throughput, multi-channel visualization, and product output; from data ingest to mineral map.



*Colour Ramp showing a single endmember.
(blue=no match; red=match)*



*Two endmembers overlaid on a context image. Intensity varies with abundance.
(bright colour=hot-spot)*



*Multiple endmembers overlaid on a context image. Intensity varies with abundance.
(bright colour=hot-spot)*

ATLANTIS

EARTHVIEW®

HYPAC

User Interface

- Advanced display capabilities using OpenEV
- User friendly creation and management of projects
- User definable spatial and spectral regions
- Automatic report generation and export

Spatial and Spectral Analysis Tools

- Average, histograms and standard deviations by columns/rows
- Extraction and display of all sensor ancillary data
- Display average spectrum of user-defined area
- Compute radiance and/or reflectance spectra

Data Ingest Options

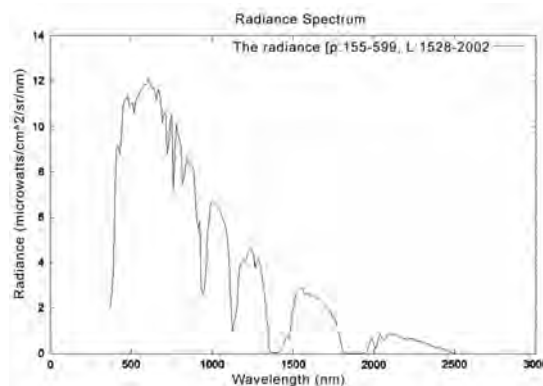
- Support for multiple data cubes
- Configurable sensor definition file
- Sensor position automatically extracted from navigation data
- Automatic georeferencing based on ancillary data for data visualization

Endmember (EM) Analysis

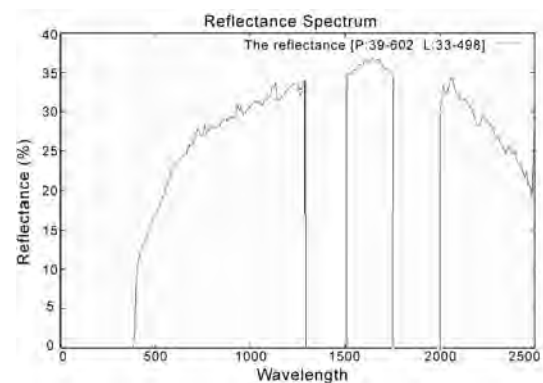
- Automatic extraction and spectral display of EMs
- Create mineral maps
- Merge, colour code and label EMs
- EM display can be based upon intensity or user-defined priority list
- Display can be based upon intensity or priority
- Save mineral maps and merged EMs
- Export EM spectra and abundance/mineral maps

Atmospheric Analysis

- Atmospheric parameters extracted from positional data
- Multi-dimensional lookup table
- Water vapor corrections based on user-defined or automatic determination of water vapor estimates



Before Atmospheric Correction



After Atmospheric Correction

Atlantis Scientific Inc. is a world leader in the field of remote sensing. Atlantis has a strong heritage in developing leading-edge solutions, powerful and robust software for advanced remote sensing applications. The Atlantis cost-effective product line also includes EarthView® InSAR, EarthView® APP (SAR processor), EarthView® Stereo and OpenEV. Atlantis has widespread experience with operational projects including the production of digital elevation models (DEMs) and differential interferograms used for change detection analysis. Our EOServ consulting department provides value-added expertise and training in the use of these sophisticated products to meet specific client needs.



For more information, or to reserve your copy of the new EarthView® products, call 1-800-265-3894.

Outside North America, please call 613-727-1087 or visit our web-site at <http://www.atlantis-scientific.com>.

Atlantis Scientific Inc. is grateful for the continued contributions from the Canadian Space Agency (CSA) EOADP program