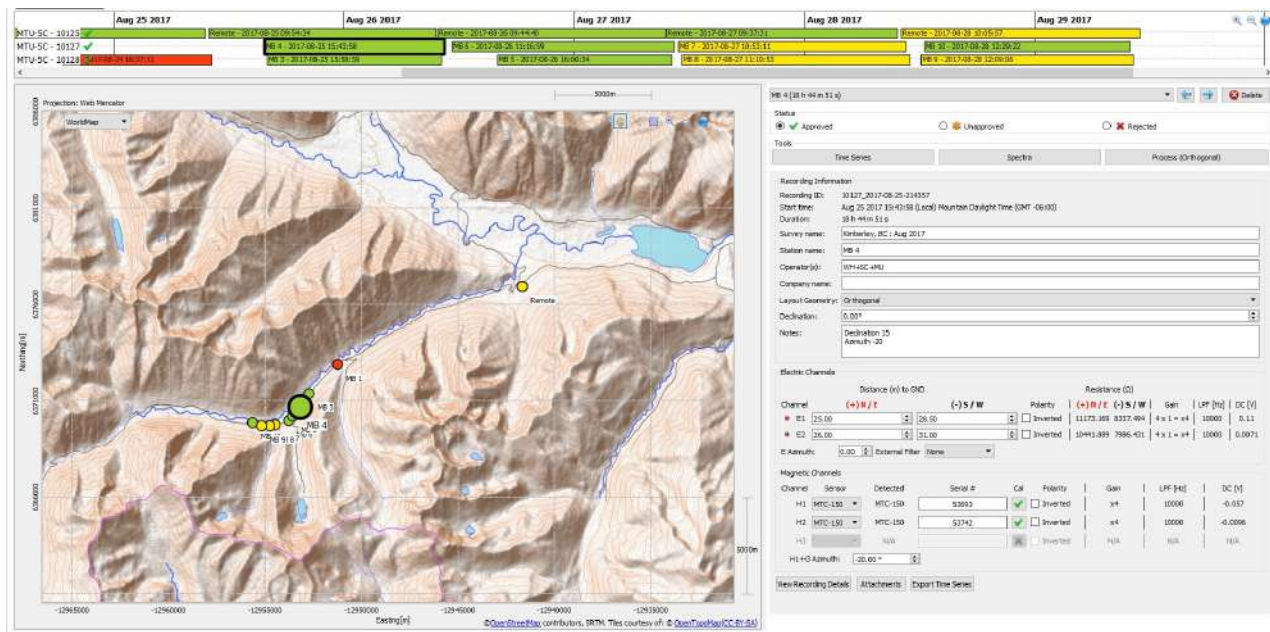




INTRODUCING A NEW GENERATION GEOPHYSICAL SYSTEM

# EMpower

## ADVANCED DATA MANAGEMENT and PROCESSING



## MAIN ADVANTAGES

Powerful database manager:

- Keep track of your survey progress
- Diagnose, QC of operations and data
- Multi Core MT parameter calculation
- Results delivered immediately
- Advanced editing and post processing features
- Continuous improvements in processing techniques

## UMT COMPATIBILITY

ULTRA-WIDEBAND MT SYSTEM



MTU-8A

MTU-5C



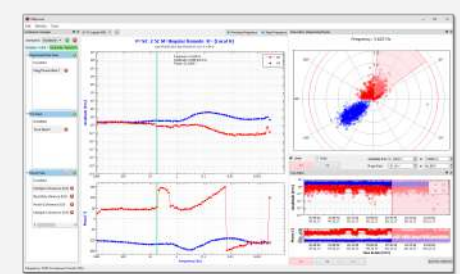
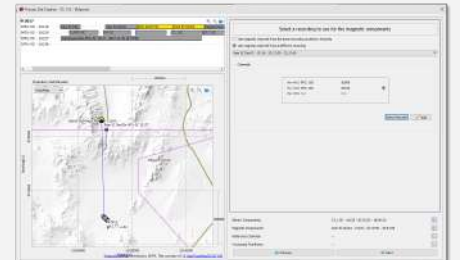
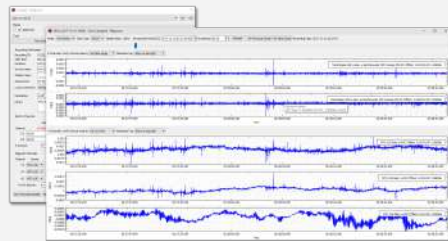
MTC-150 / 180

and more ....

- Simultaneous recording of high and low bands
- MT-AMT-BMT-LP (long period)
- 10,000 Hz to >50,000 seconds

## Introducing our new EMpower system suite

- Simple system configuration
- Time Series and Spectra visualization and export
- Possibility to calibrate and QC receivers and sensors in the field
- Automated georeferencing of stations on Open Source Map
- Intuitive Timeline display
- Quick metadata access
- Easy access to the different data processing stages
- Multiple, concurrent processing streams with choice of parameters
- Real-time visualization of processing progress
- Interactive data de-noising:
  - Workbench based approach to keep track of changes
  - Improved robust filtering with thousands of calculated cross-powers
  - Timeline and polar editing
- Parallel Sensor Test, across boxes and channels



Phoenix Geophysics Ltd is the world leader in MT

## SPECIFICATIONS

## Computer Specifications

|                         |                          |
|-------------------------|--------------------------|
| OS language             | English                  |
| CPU                     | Multi-core x86, 64-bit   |
| RAM                     | 8GB and up               |
| Monitor Size            | 13" and up               |
| Screen Resolution       | 1920 x 1080              |
| Installation Disk Space | 200MB                    |
| Data Disk Space         | 50GB (depends on survey) |

## Requirements

Internet connection required at activation

USB 3.0 SD card reader (or equivalent speed) for data transfer

## Operating Systems Supported

**Windows:** Windows 10, 64-bit  
Permissions required: Must be logged in as Administrator

**Linux:** Ubuntu 18.04, 64-bit  
Permissions required: Standard user

**Mac:** 10.11, 10.12, 64-bit

\*The above versions have been successfully tested, other versions may or may not work.



Phoenix Geophysics Limited  
3781 Victoria Park Avenue, Unit #3  
Toronto, Ontario M1W-3K5  
Canada

Telephone: +1 416.491.7340  
Fax: +1 416.491.7378  
E-mail: mail@phoenix-geophysics.com  
Web: www.phoenix-geophysics.com