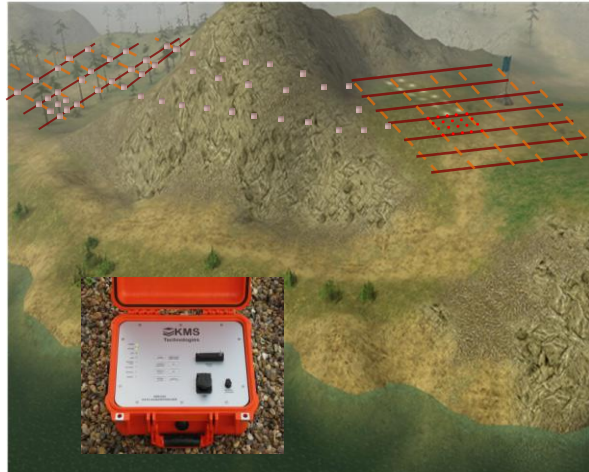


Methods:

- Magnetotellurics (MT)
- Microseismics
- Long-offset transient EM (LOTEM)
- Controlled-source EM (CSEM)
- Controlled-source Audio MT (CSAMT)
- Time-Frequency Domain EM (TFEM)
- Induced Polarization (IP)

Applications:

- Hydrocarbon exploration
- Reservoir monitoring
- Geothermal exploration
- Sub-basalt, sub-salt, overthrust, reef exploration
- Metals & mineral exploration
- Engineering & environmental studies
- Earthquake monitoring/prediction
- Deep crustal research





Electromagnetic / microseismic array acquisition system

Product features

- ❖ Array data acquisition system for geophysical application
- ❖ Low power for extended acquisition period
- ❖ Automatically find the optimum relay path for each station
- ❖ Flexible & easy adaptable system configurations
- ❖ Long-range wireless (Unlimited in mesh network mode)
- ❖ Wi-fi (switchable & sleep mode)
- ❖ Customizable digital interface for digital sensors
- ❖ Each unit acts as relay for network
- ❖ Low cost with large channel count
- ❖ High bandwidth (DC- 100 kHz) for various geophysical methods
- ❖ Combined CSEM & natural source EM acquisition in one receiver deployment (using sequenced acquisition & large memory)
- ❖ Microseismic data acquisition
- ❖ Adaptive for various geophysical methods
- ❖ Unlimited channels via digital interface or as array (application dependent)



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