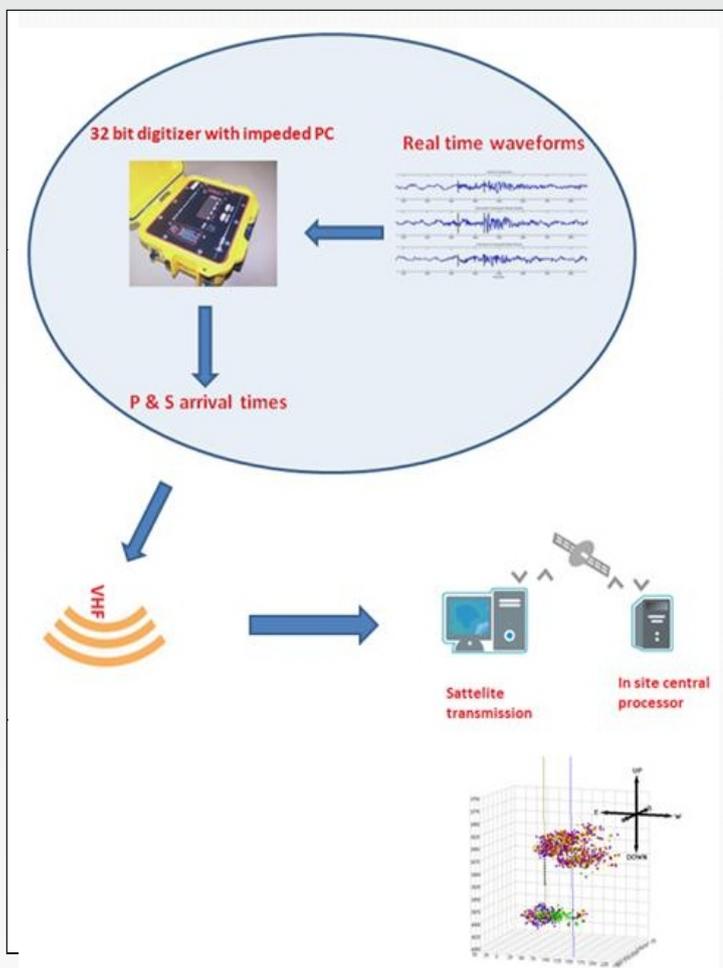
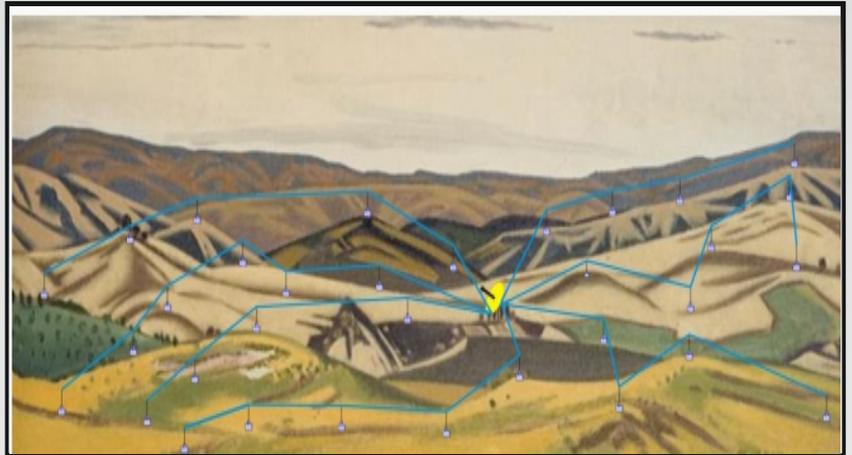


LandTech recently introduced a new revolutionary reservoir monitoring technique, based on the wireless transmission of the data recorded at a surface microseismic monitoring network to a central processing station and then throughout satellite telemetry to the Clients office, all in real time. For monitoring we use the new SR32 digitizers together with the specially designed ultra sensitive FS seismometer.



There are two telemetry options for the system:

- Option 1: Based on Wi Fly technology that is much better than the conventional WiFi. The characteristics of this system are: (i) real time data (full waveform) transmission, (ii) station connections in chains – manual addressing mode, (iii) ability for repeater usage if no clear line of sight, (iv) error correction transmission algorithm, and (v) satellite transmission of the network data in near real time.
- Option 2: In this system developed by LandTech, instead of transmitting all the waveforms from the deployed surface network to a central processing unit, each 32 bit seismograph has an embedded PC with auto-picking algorithms; only P and S-wave arrival times are sent via VHF to the central processing unit, where 3D real time plots of the seismicity are generated.

When the Earth whispers we are there

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