SERCEL

WiNG NT

LAND NODAL SOLUTION

Nodal TECHNOLOGIES

WiNG[NT]

WiNG is a fully integrated nodal land acquisition system designed with a single data collection platform to manage operations more easily and efficiently. This new nodal solution integrates Sercel's best performing and most sensitive broadband sensor ever, QuietSeis®, to acquire high precision seismic data.

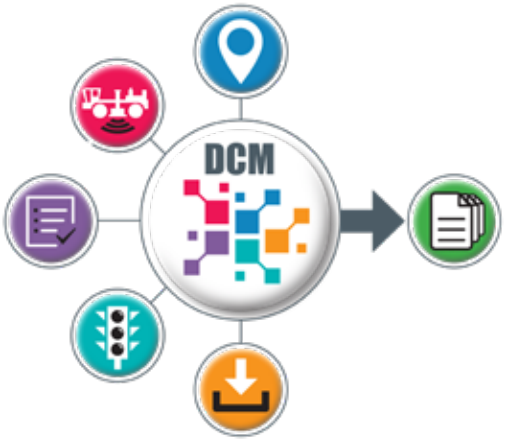
The WiNG node or DFU (Digital Field Unit), has been designed to minimize transportation & storage costs. With its compact & light design (855g), the DFU can record seismic data for up to 50 days.

An additional version, the AFU (Analog Field Unit) is also available for use with geophone strings.

Nodal TECHNOLOGIES

SYSTEM CERTIFIED DATA

Certified data is defined as data that has been subjected to a structured quality process such that it meets or exceeds the standards established by its intented consumers.



Monitoring Software or Operation Monitoring Environment

At the heart of Sercel's new nodal system is the DCM–Data Completion Manager, which includes a single, integrated environment from which all the operational aspects of the survey can be monitored. Unique to nodal systems, this platform collects QC information from both sources and receivers giving the observer in the field a single integrated tool with which to monitor all factors contributing to data quality.

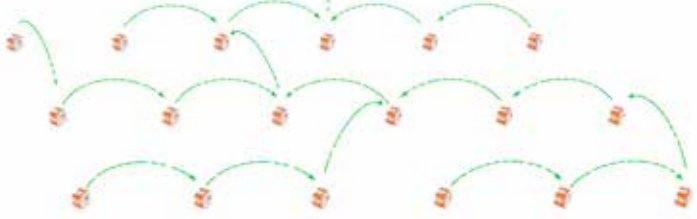
Remote QC Monitoring

The field proven Pathfinder technology allows continuous remote monitoring of spread conditions during operations, either on the line via tablet PC or at the recorder. This real time QC reporting even allows the operator to be alerted to the presence of external noise sources that have a detrimental effect to the quality of the acquired data.

Data Quality Control

No need to wait until the end of the survey to properly assess the quality of the seismic data. Portable field terminals wirelessly connect to and harvest data from the nodes (without interrupting production) and allow sample SEGD files to be quickly produced for thorough data quality analysis.

Pathfinder Technology



HIGH PRECISION IMAGERY

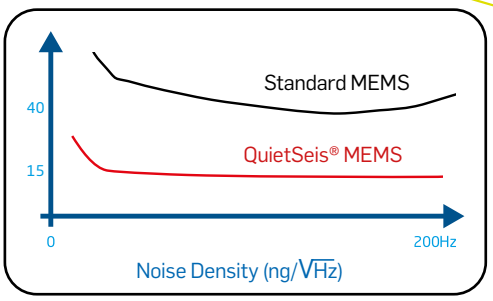
Digital Fidelity

The DFU is equipped with Sercel's field proven QuietSeis broadband sensor that outputs a digital signal which provides a much higher fidelity representation of ground motion than that provided by analog geophones. It has a flat amplitude and phase response across the seismic bandwidth in addition to much lower amplitude distortion in contrast with analog sensors.

Low Noise - Low Frequency

Sercel's QuietSeis MEMS sensors have a reduced noise floor in the low frequencies right down to 0.1Hz making them the ideal sensor for broadband operations.

Across the frequencies of interest to the seismic industry the product's noise specification of 15 ng/√Hz is at or below the quietest ambient noise measurable anywhere on Earth.



IMPROVED OPERATIONAL EFFICIENCY

Advanced Vibroseis Strategies

As a complete provider of seismic acquisition equipment. Sercel delivers broadband vibroseis acquisition techniques that can incorporate low-frequency solutions such as the, WiNG compatible, latest generation of VE464 vibrator electronics equipped with SmartLF.

Improved Automation

Sercel offers automation solutions such as auto-guidance and auto-assignment that help our customers achieve the most productive and accurate seismic surveys.

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