



SERCEL
A Viridien Business



Accel

WORLD'S FIRST DROP NODE



Accel

Accelerate your operations

The Drop Deployment

Drop. Connect. Collect.

> **No Digging, No Planting:**

Instant deployment on all terrains.

> **Faster Operations:**

Reduce deployment and recovery time.

> **Up to 30% OPEX Reduction*:**

Fewer personnel and vehicles required.

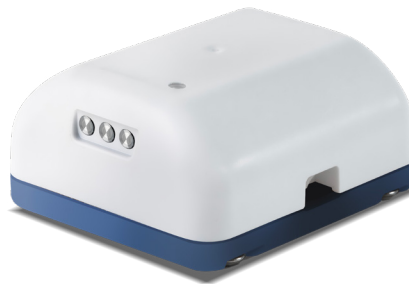
*Based on internal simulations



Key Performance Metrics

2x

more compact than
industry average nodes



Up to

50%

reduction in CO2 emissions
and diesel consumption

2.5h

Full Charge & Data
Download for a complete
turnaround

Up to

50%

lighter than competition
average

The Integrated Ecosystem

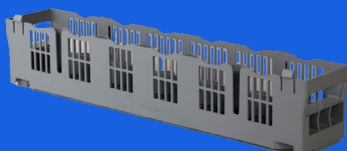
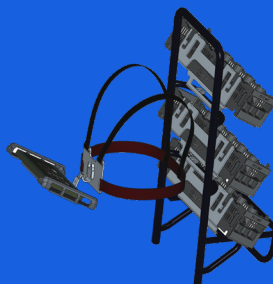
More than a node, a complete solution to accelerate your operations

> **Smart Backpack:**

Ergonomic, field-ready transport
of up to 36 nodes.

> **Smart Node Basket:**

Storage of 12 nodes per basket.



> **Rack Module:**

Fast charge & download Modular
and stackable design (48 nodes).

> **Smart Software Suite:**

Streamlined data processing
and faster consolidation.



Smarter & Safer Field Operations

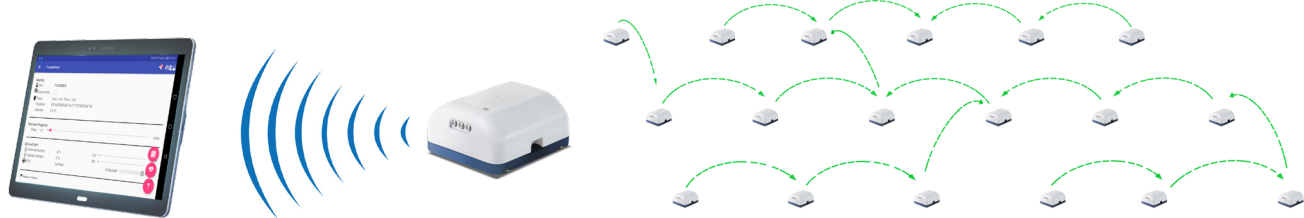
> Pathfinder QC (Built-in Quality Control):

- Node status QC in near real-time.
- 40m nominal communication range between nodes.
- No additional equipment required (such as extra antennas or drones).

> HSE & Environmental Impact Reduction:

- Divide by 2*: Diesel consumption, CO₂ emissions, and water usage compared to main competition.
- Fewer field injuries thanks to reduced bending/lifting.
- Smaller operational footprint with fewer vehicles and personnel.

*Based on internal simulations compared to the main competition



Data Fidelity & Quality

The QuietSeis® Digital Broadband Sensor

> True Amplitude & Phase:

Distortion-free data recording for better image quality.

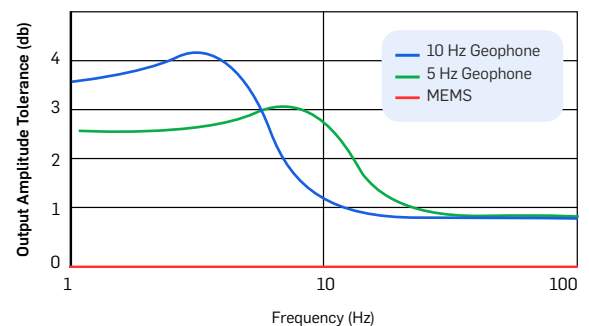
> Insensitive to Environment:

Unaffected by temperature, ageing or tilting.

> Key Sensor Metrics:

- Distortion: -90dB (vs. -62dB for geophones)
- Noise Floor: 15 ng/√Hz

The clearest signal. The cleanest data.



Technical Specifications

PHYSICAL & ENVIRONMENTAL

Weight	310 g
Dimensions	96 x 82 x 45 mm (354 cm ³)
IP Rating	IP68
Operating Temperature	-40°C to +60°C

PERFORMANCE & AUTONOMY

Full Charge/Download Time	2.5 hours
Autonomy	30 days (24/7 recording)
Storage Capacity	60 days (at 2ms sample rate)
Sampling Rate	4 – 2 – 1 – 0.5ms

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