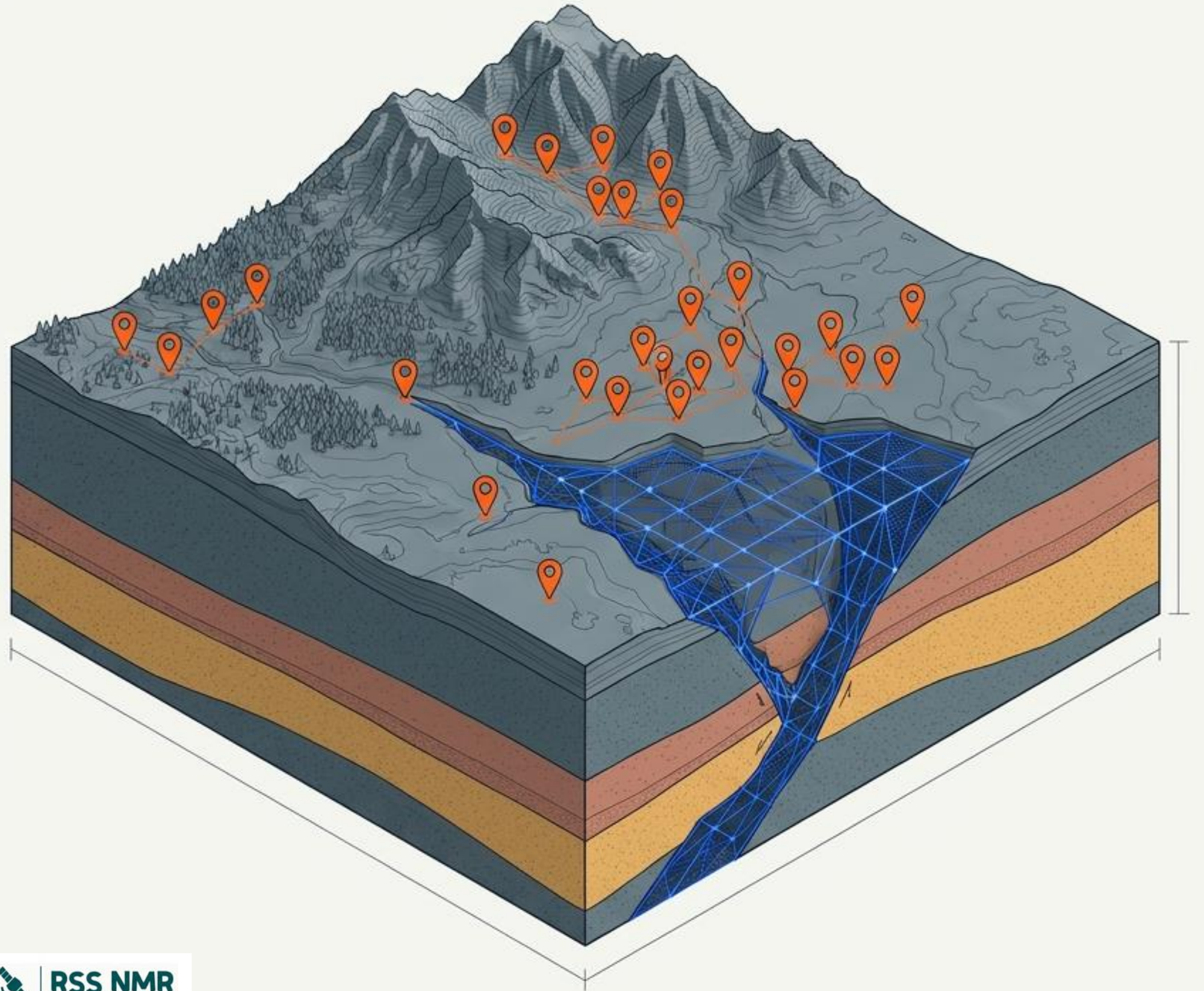


The Next-Gen Seismic Toolkit

Illuminating the earth's subsurface with zero environmental impact and unprecedented high-density data.



Legacy Constraints

- Heavy CAPEX and prohibitive OPEX.
- High logistical footprint (cut lines, cables, large crews).
- Blind spots in environmentally restricted or urban areas.



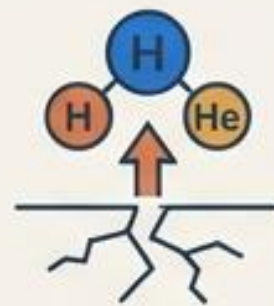
Geothermal & Mining:

Requires ultra-high-resolution structural mapping at an affordable price point.



CCUS (Carbon Capture):

Demands continuous, non-intrusive monitoring of subsurface CO₂ storage integrity over decades.



Natural Hydrogen & Helium:

Needs agile, rapid-deployment exploration in remote, infrastructure-poor terrains.

**The energy transition requires an entirely new subsurface imaging architecture—
one that is financially viable, logistically nimble, and environmentally invisible.**

The Generational Shift in Active Land Seismic

	Legacy Acquisition	Next-Gen Toolkit
Architecture	Cabled geophones & centralized arrays.	✓ Stakeless nodal point receivers & blended autonomous acquisition.
Energy Source	Multi-vibrator arrays, multiple sweeps per point, deep-hole dynamite.	✓ Single vibrator, single-sweep, PinPoint single-person portable sources, LightSpeed electro-fluidic sources.
Data Density	Sparse, low-resolution pixelation with blind spots.	✓ Ultra-high-density grids, fully sampled, eliminating blind spots.
Logistics	Large footprint, intensive HSE risk.	✓ Real-time stakeless positioning, low-crew footprint, urban-capable.

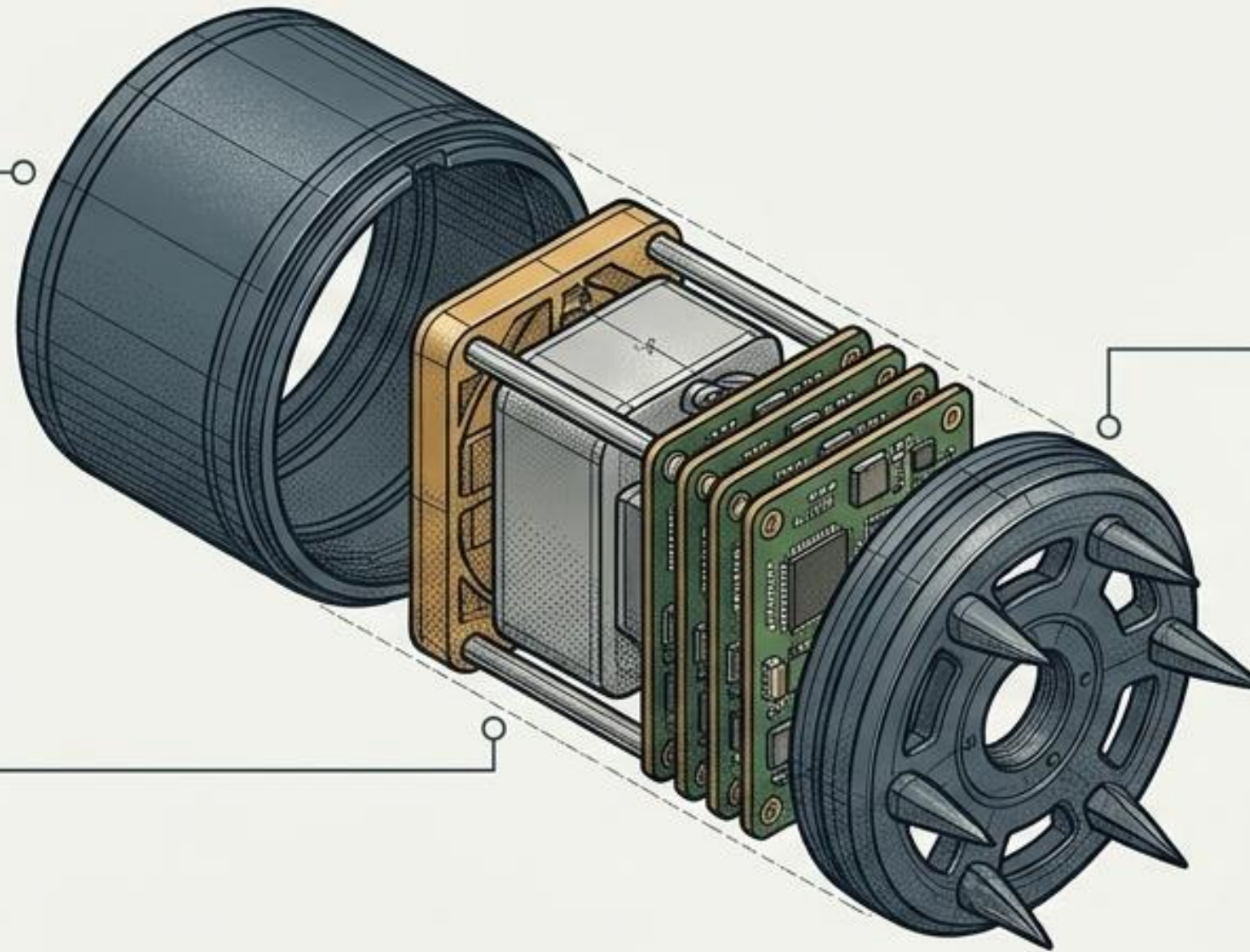
The Receiver Revolution: Miniaturization & Autonomy

Size & Weight

The world's smallest and lightest autonomous seismic receiver.

Economics

Reduces CAPEX and OPEX, making ultra-high-density seismic financially viable for all industries.



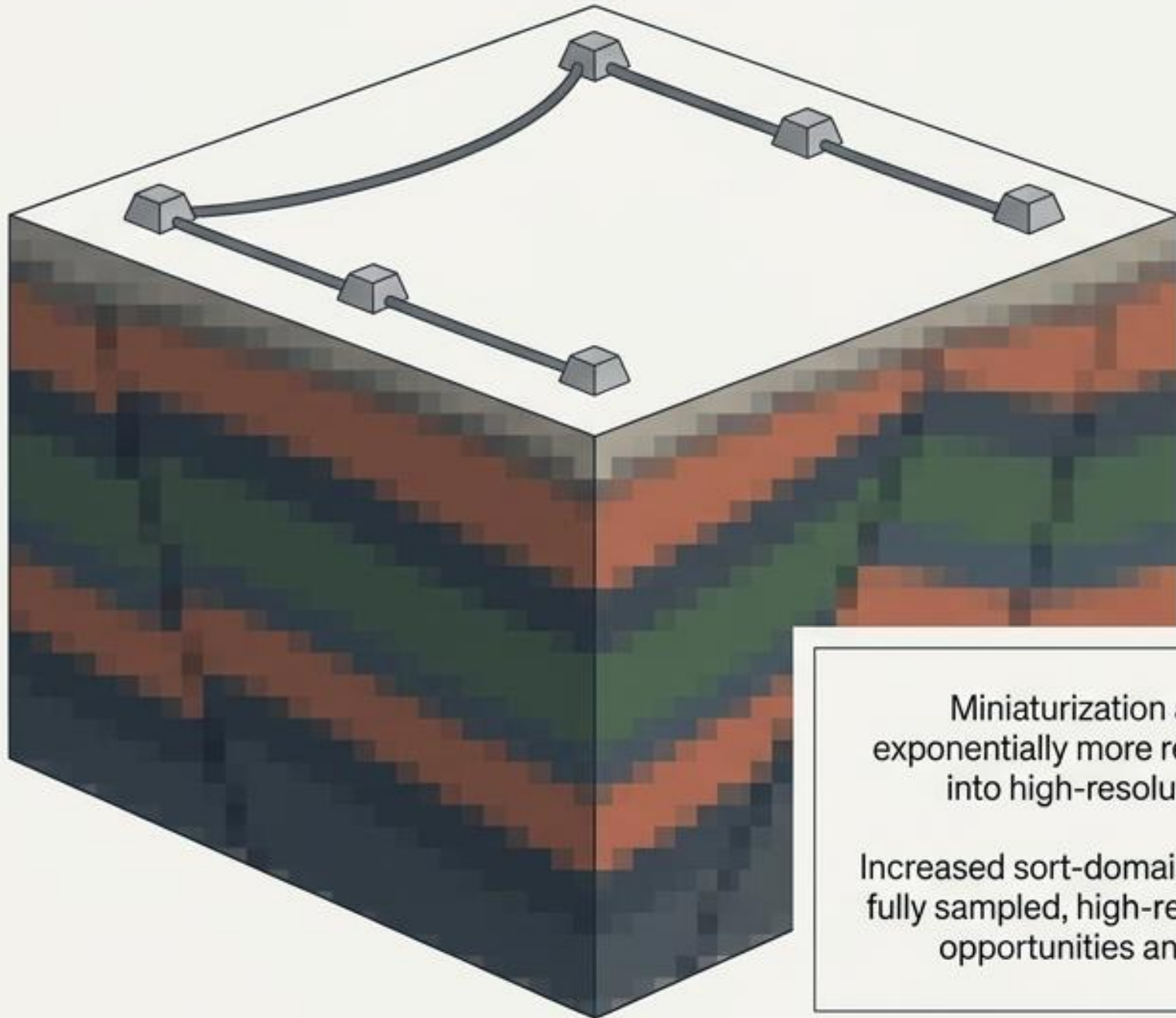
Deployment

Stakeless, cable-free design enables rapid deployment by small crews across dense jungles or marshy landscapes.

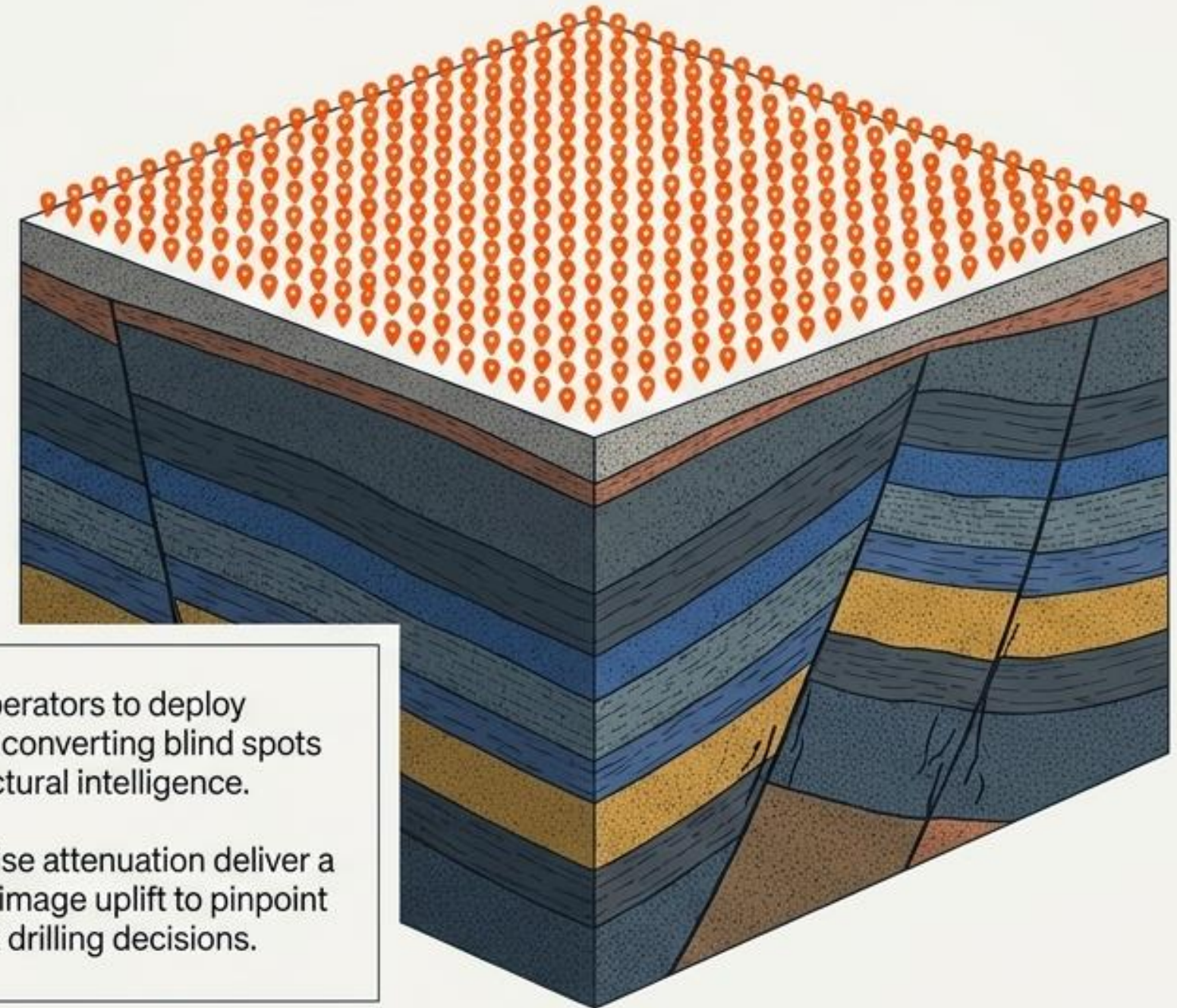
Over 23,000 STRYDE nodes deployed across challenging Southern Mexico terrains, delivering unparalleled seismic surveying without the logistical drag of cables.

The Nodal Density Uplift

Legacy 50m Spacing



Next-Gen Ultra-Dense Grid



Miniaturization allows operators to deploy exponentially more receivers, converting blind spots into high-resolution structural intelligence.

Increased sort-domains for noise attenuation deliver a fully sampled, high-resolution image uplift to pinpoint opportunities and de-risk drilling decisions.

Agile & Invisible Active Sources



PinPoint® Source

Patented single-person portable impulsive source. Designed for sensitive environmental zones, enabling ultra-high-density imaging with near-zero impact.



LightSpeed Source

Proprietary electro-fluidic impulsive source. A fast, agile, and game-changing solution for rapid deployment and emerging applications.



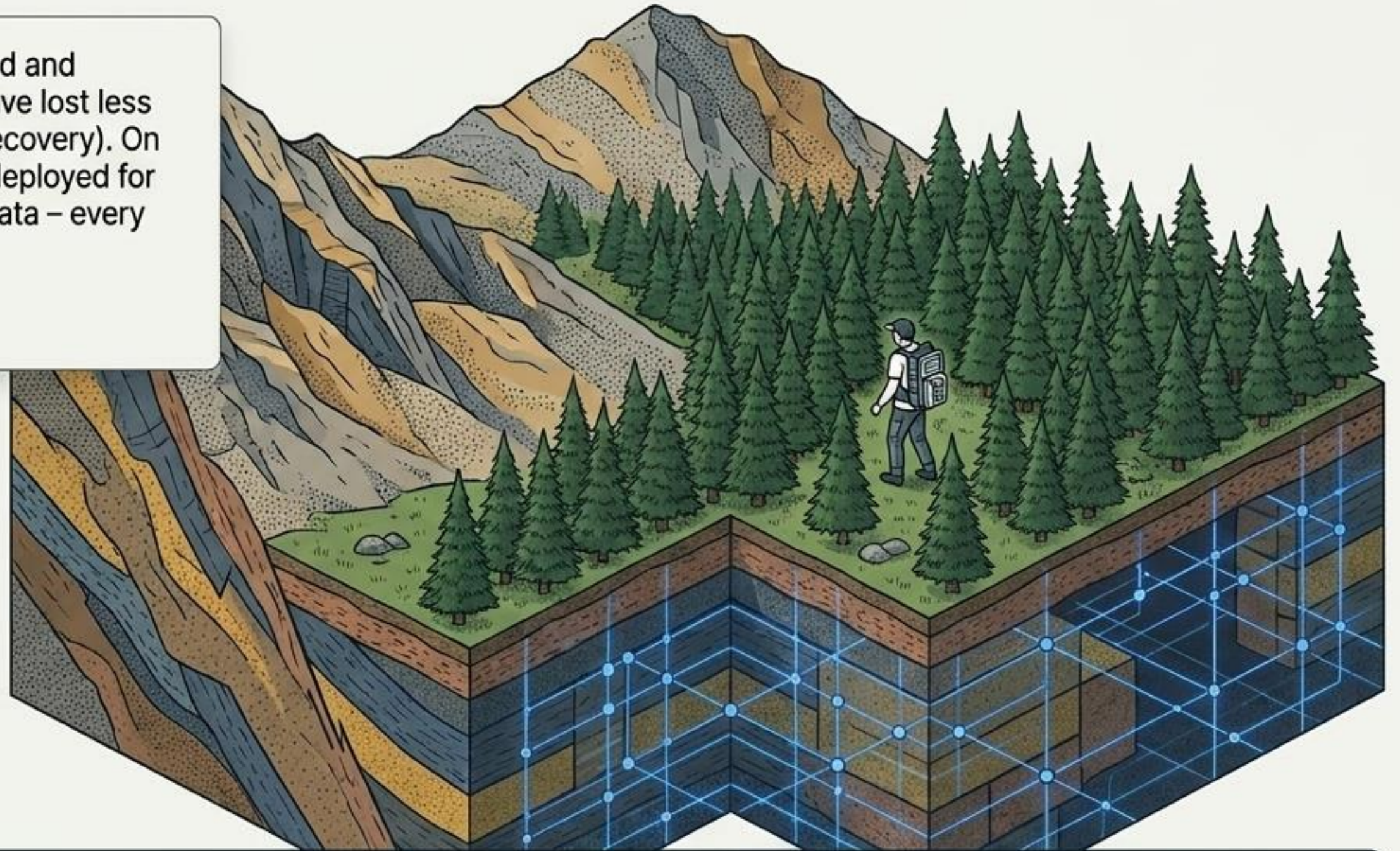
IntelliSeis® Integration

Intelligent software that integrates and analyzes autonomous source and nodal data, delivering near real-time updates via an interactive dashboard.

The Zero-Footprint Guarantee

"Out of all the nodes we have deployed and retrieved in the last 24 months, we have lost less than 0.4% of the data (>99.6% data recovery). On one project, with over 19,000 nodes deployed for 4 weeks, we recovered 100% of the data – every sample from every trace."

— Allan Châtenay, President, Explor



Eliminating HSE risk, bypassing permitting delays, and operating invisibly in restricted ecosystems.

The Passive Revolution: Low Frequency Seismic (LFS)

LFS is a Direct Hydrocarbon Indicator (DHI) methodology that requires absolutely no active energy source (no vibrations, no explosions).

By deploying highly sensitive equipment, operators can listen to natural background microseismic noise modified by deep subsurface fluids.



85%+

Success ratio in solving hydrocarbon prospecting tasks.

126

Completed projects globally.

**1,133
sq km**

Total researched area mapped passively.

How the Earth Broadcasts Fluid Signatures

1. The Source

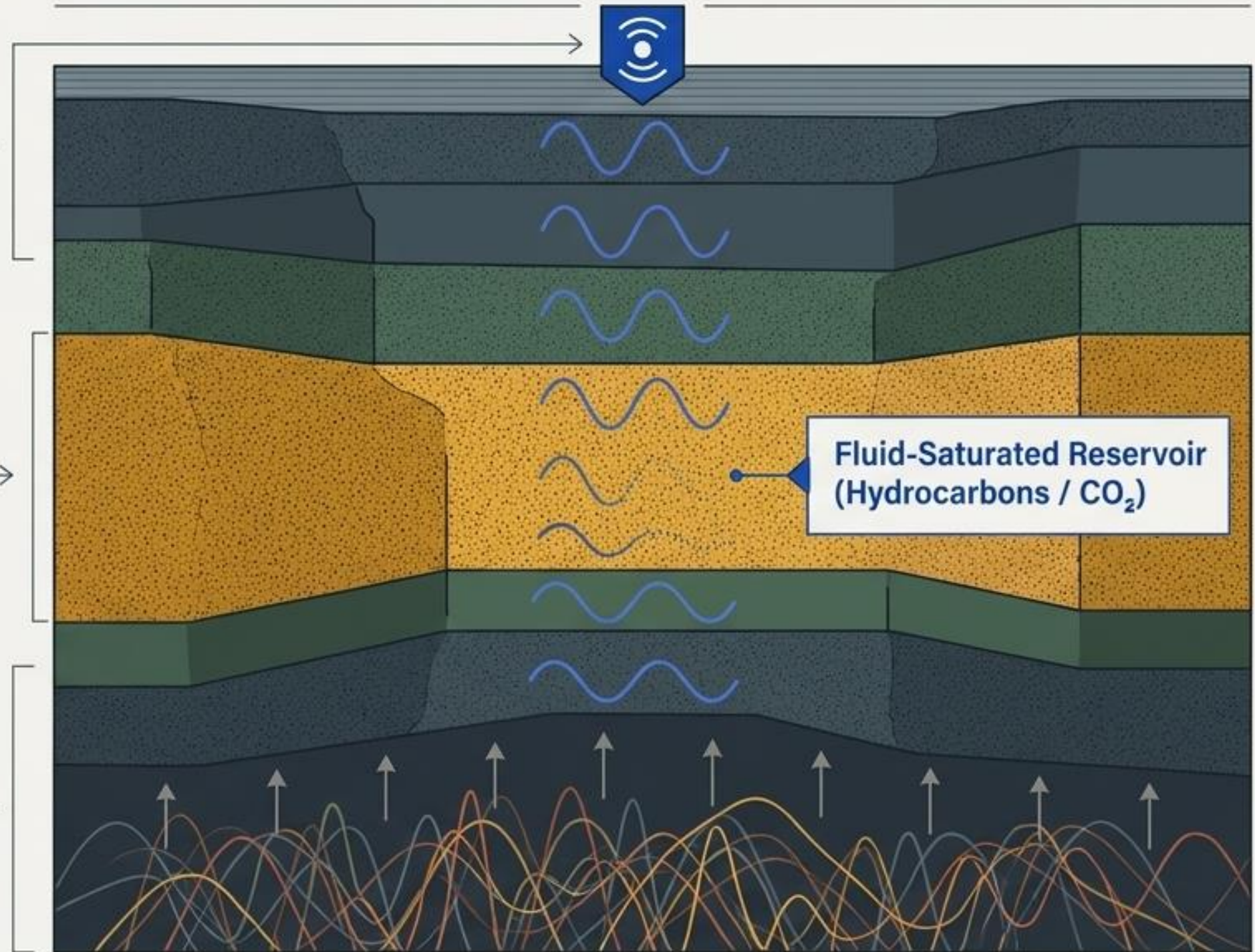
Natural microseismic signals originate deep in the earth.

2. The Filter

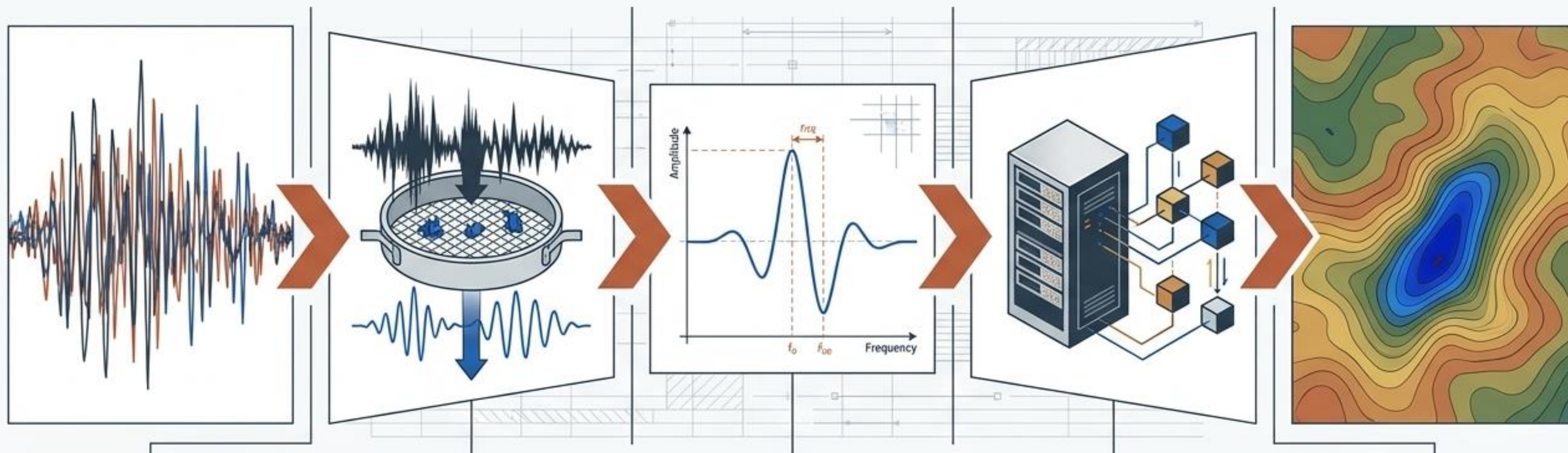
Due to the mechanics of porous, fluid-saturated media, hydrocarbons and CO₂ cause high dispersion of velocity and high attenuation.

3. The Anomaly

This transforms the Amplitude-Frequency characteristic, resulting in an abnormal low-frequency P-wave reflection (0.5 – 10 Hz) detectable at the surface.



Signal-to-Insight: The LFS Computational Funnel



Step 1: Raw Acquisition

Preparatory assessment and adjustment of automatic filtering for local microseismic features.

Step 2: Narrowband & Transient Filtering

Quasiharmonic filtering excludes industrial noise; transient filtering removes snapshot surface noise distortions.

Step 3: Spectral Anomaly Extraction

Automatic parameterization of spectral peaks to identify frequency, bandwidth, and signal-to-noise ratio.

Step 4: J2EE Distributed Processing & Modeling

Multi-variant numerical modeling compares synthetic seismograms with field data.

Output: The Fluid Map

Mapping of the spatial distribution of the fluid potential.

Diagnosing the Subsurface: Selecting the Right Tool

	Active High-Density (Stryde / Explor)	Passive LFS (TensorGEO)
Mechanism -----	Generates and records controlled high-frequency waves.	Listens to and isolates natural low-frequency microseismic noise.
Primary Output -----	Ultra-high-resolution structural and stratigraphic imaging (The Bones).	Direct spatial and volumetric mapping of fluids/gas (The Blood).
Environmental Footprint -----	Near-zero (stakeless nodes + portable PinPoint).	Absolute zero (listening devices only).
Best-Fit Scenarios -----	Mineral mining, geothermal fracture mapping, complex fault delineation.	CO ₂ plume storage monitoring, fluid movement tracking, non-structural deposit identification.

A Multi-Industry Subsurface Mandate

CCUS (Carbon Capture)

Passive LFS continuously monitors the geometry and stability of injected CO₂ plumes over decades.

Geothermal

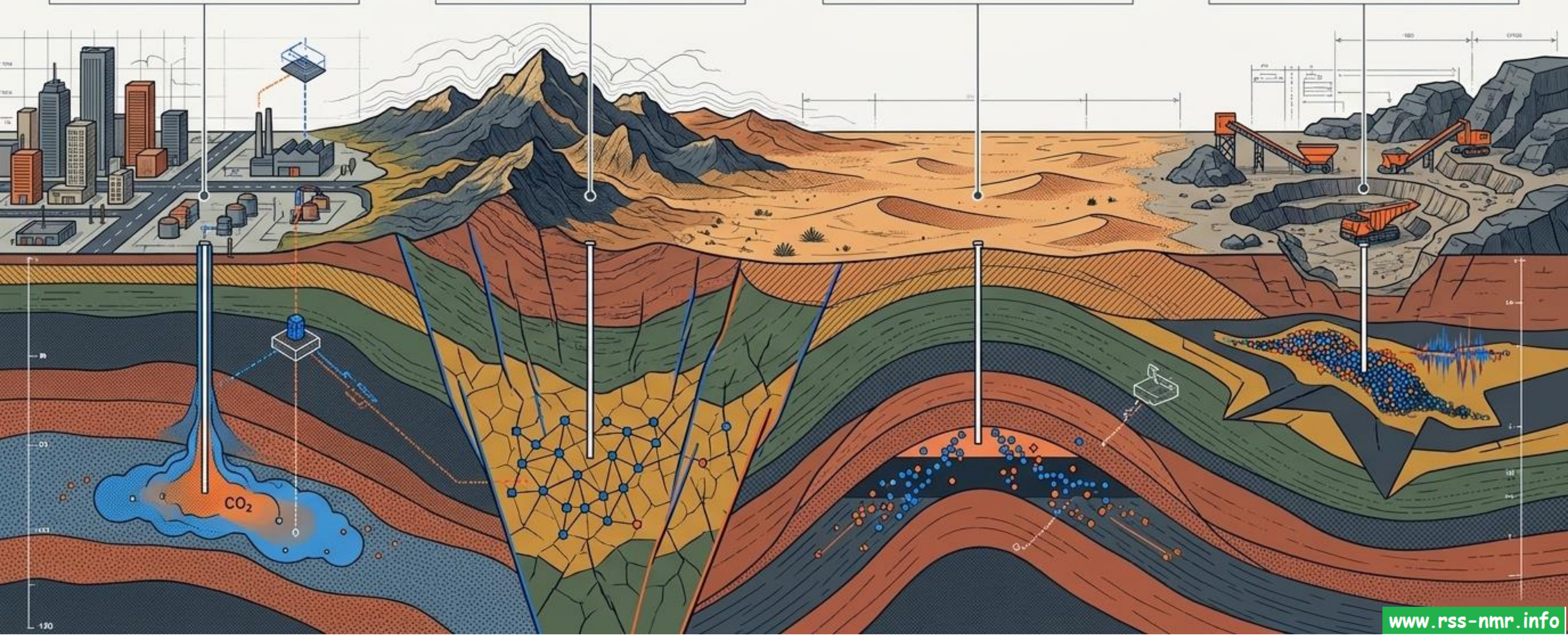
Ultra-dense active nodal grids map subtle fault networks to pinpoint optimal thermal production zones.

Natural Hydrogen & Helium

Lightweight, rapid-deployment systems explore vast, infrastructure-poor terrains for natural gas accumulations.

Mineral Mining

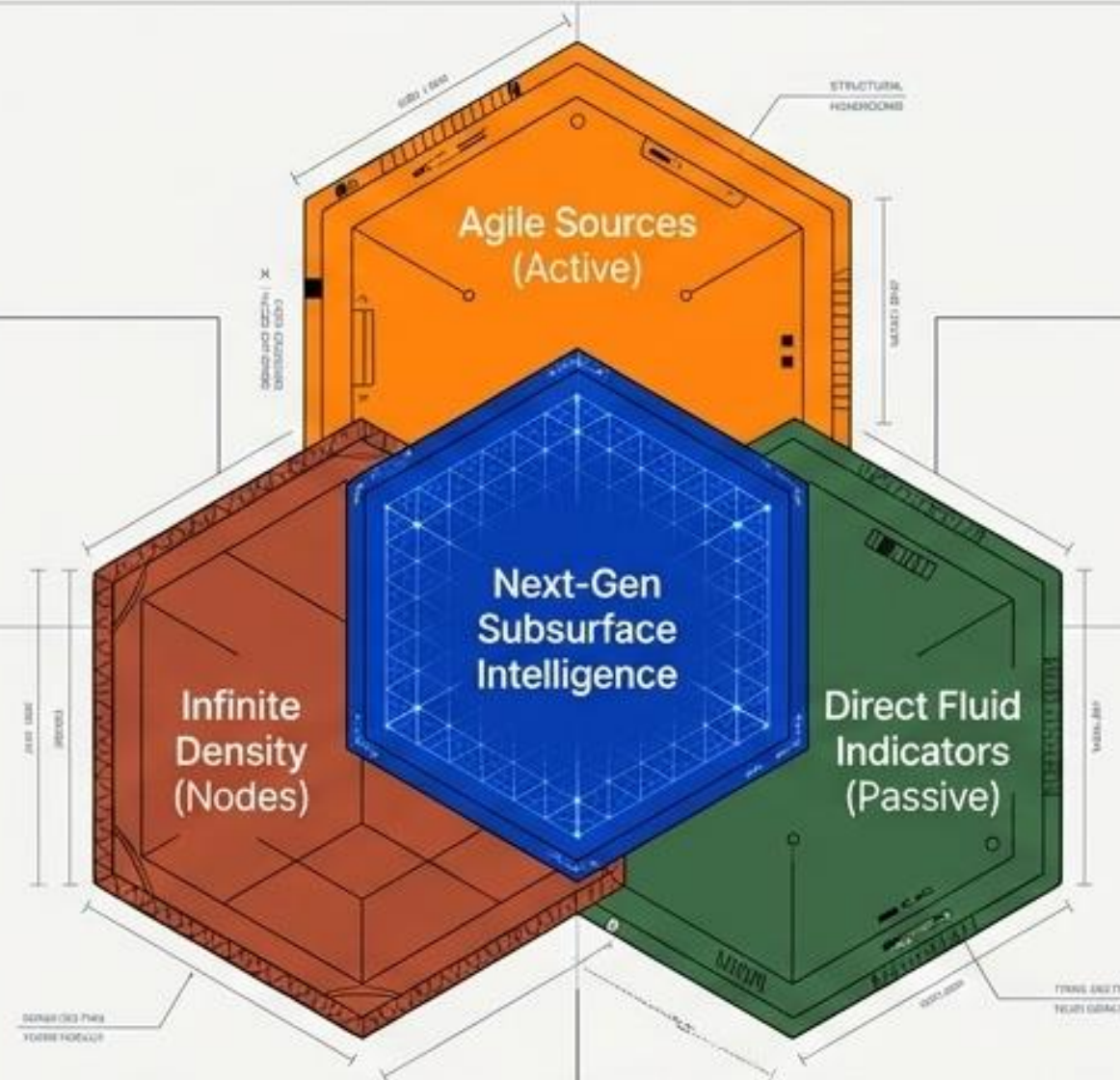
High-resolution active imaging replaces invasive drilling to efficiently locate valuable metals.



The Modular Subsurface Intelligence System

The End of the Monolith

Operators no longer need to purchase massive, inflexible seismic packages. The modern toolkit is entirely modular.



Bespoke Deployment

Drop a highly sensitive TensorGEO array to passively monitor a waterflood operation, or hike in an Explor PinPoint source with STRYDE nodes for a rapid 3D geothermal survey in a mountainous jungle.

The Ultimate Synthesis

Flexibility, unparalleled data density, and zero-impact operations are no longer mutually exclusive. They are simultaneous realities.

The earth is now transparent.
The data is accessible.
The footprint is gone.



Made
in Russia

Voluntary certification system «Made in Russia»
Registered in the Unified Register of registered voluntary certification systems
Reg. № РОСС RU.31685.049309 from the 24th of May 2017

Система добровольной сертификации «Сделано в России»
Зарегистрирована в Едином реестре зарегистрированных систем
добровольной сертификации
Reg. № РОСС RU.31685.049309 от 24 мая 2017 г.

CERTIFICATE OF CONFORMITY СЕРТИФИКАТ СООТВЕТСТВИЯ

№ CC.002647

Valid from 20.10.2025 to 05.10.2028

Срок действия с по

Applicant/Manufacturer: Poisk Group LLC, 299640, Russia, Sevastopol,
st. Khrustal'naya, 143

Заявитель/Производитель: ООО «ГРУППА ПОИСК», 299640, Россия, г. Севастополь,
ул. Хрустальная, в. 143

Product: Methodology for calculating predicted ore reserves in deep-lying deposits, using
the parameters of ore bodies obtained using remote geospace methods of geological exploration
and field geophysical equipment of the Poisk company (FEACH of the CU 901829102)

Продукция: Методика подсчета прогнозируемых запасов руд в глубинно залегающих залежах, с
использованием параметров рудных тел, полученных с помощью дистанционных
геоспациальных методов геологического изучения и полевой геофизической аппаратуры компании
«Поиск» (код ТН ВЭД, ЕАЭС 901829102)

Comply with the voluntary certification system "Made in Russia" requirements.
Соответствует требованиям Системы добровольной сертификации «Сделано в России».

Certificate is issued on the basis of: Declaration of conformity company Poisk Group LLC
on the Reliability of the voluntary certification system "Made in Russia" dated 07.10.2025 via VDS.
Сертификат выдан на основании: Декларации о соответствии компании
ООО «ГРУППА ПОИСК» № VDS от 07.10.2025 по направлению «Надежность» системы
добровольной сертификации «Сделано в России».

Made in Russia VDS Holder Register Expert Center (SC)
125070, Moscow, Priblennykh Yuzhnykh ulits
Канцелярия/Канцелярия/Канцелярия/Канцелярия/Канцелярия/Канцелярия/Канцелярия/Канцелярия/Канцелярия/Канцелярия
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Примечание: код. Контракт/Контракт/Контракт/Контракт/Контракт/Контракт/Контракт/Контракт/Контракт/Контракт
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Vice President
Вице-президент



A.V. Solodov
А.В. Солодов

002645

СИСТЕМА ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ «ИРИНДР-ЭКСПЕРТ»
Reg. № РОСС RU.31678.040010 от 14.11.2016 г.



СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС RU.ИРИНДР.002645

Срок действия с 20.10.2025 по 05.10.2028

№ 0057630

ОБЪЕКТ СЕРТИФИКАЦИИ: ПОИСКОВАЯ ТЕХНИКА

Срок и условия действия сертификата: 20.10.2025, Россия, Республика Севастополь, город Севастополь
Степной бульвар, дом 143, этаж 4, квартира 143. Телефон: +7(495)007-47-47, адрес электронной почты: oti@poisk.ru

ПРОДУКЦИЯ: Методика подсчета прогнозируемых запасов руд в глубинно залегающих залежах, с
использованием параметров рудных тел, полученных с помощью дистанционных
геоспациальных методов геологического изучения и полевой геофизической аппаратуры компании
«Поиск»

дата СЭС
21.11.21

СООТВЕТСТВИЕ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ

дата СЭС
21.11.21

ИЗГОТОВИТЕЛЬ: Общество с ограниченной ответственностью «Группа Поиск», ОГРН: 1040600000000, ИНН:
7801040000, КПП: 7801000000, адрес: 299640, Россия, Республика Севастополь, ул. Хрустальная, д. 143, телефон:
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НА ОСНОВАНИИ

Протокола испытаний № ИИ.3-04/2021 от 25.09.2021 года, выданной Национальной лабораторией «Тестирование»
(адрес: РОСС RU.31678.040010)

ДЕЯТЕЛЬНОСТЬ НАД: ЭКСПЕРТИЗА

(код профессии: 1)



Руководитель центра

Знамен

И.И. Фурсов
руководитель центра
А.В. Никитин
руководитель центра

Сертификат действителен при условии соблюдения условий сертификации

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VERSATILITY OF APPLICATION



HYDROCARBONS

Oil
Gas
Condensed



PRECIOUS METALS AND BASES

Gold
Copper
Lithium
Nickel



STRATEGIC

Uranium
Diamonds
Coal



WATER RESOURCES

Drinking Water
Underground
Geothermal

The technology eliminates false positives by identifying the specific type of mineral.