

The Mini

Seismic Receiver System



About the system

The STRYDE Mini System is a complete, lightweight nodal seismic acquisition system designed for land seismic projects requiring up to 1,500 channels.



- ✓ Up to 1,500 STRYDE nodes
- ✓ One Nest case for charging and harvesting
- ✓ Intuitive navigation app for efficient stakeless deployment
- ✓ Laptop with STRYDE survey planning, node and data management
- ✓ Node deployment, retrieval and QC equipment
- ✓ Scalable software for system operation, including QC

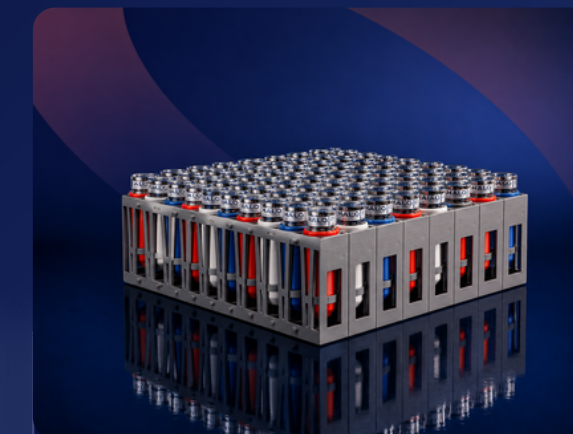
Field peripherals

Node deployment, retrieval & QC system



STRYDE nodes

The world's smallest and lightest nodal seismic recording instrument. Supplied in multiples of 90 units. STRYDE offers two families of advanced nodal sensors. Range+ and Halo.



Magazine strips

Modular plastic storage carriers designed to hold up to 10 STRYDE nodes each. The carriers can be clipped together to form a 90-node tray, supporting efficient storage, transportation, handling, charging, and data harvesting workflows.



Navigator tablet

A rugged handheld field positioning system that enables crews to accurately deploy, locate, and retrieve STRYDE nodes in the field.



Initialisation device

A handheld communications device that links field crews to STRYDE nodes via the Navigator App, enabling faster, more accurate deployment and retrieval operations.



Deployment backpack

An ergonomic aluminium-framed deployment backpack that enables hands-free field operations by foot, carrying up to 90 nodes in Magazine Strips, plus the Initialisation Device, Navigator Tablet, and optional Rope Spool and external GNSS antenna mount.



Feeder backpack

An aluminium-framed backpack designed for ergonomic transportation of STRYDE nodes on foot, carrying up to 60 nodes in Magazine Strips for efficient field replenishment.

Field peripherals

Node deployment, retrieval & QC system



QC kit for Halo Connect and Chrono+ only



Node QC and communications tablet

A rugged large-screen Android tablet for in-field node health QC, range-finding to nodes during retrieval, and optional data streaming. Suitable for handheld use or mounting to a vehicle for efficient data collection and line monitoring.



Vehicle QC kit

A complete vehicle kit for wireless node QC data collection, including a large-screen rugged Android tablet running STRYDE's Node QC App, tablet dock, vehicle charger, and external antenna with cable.

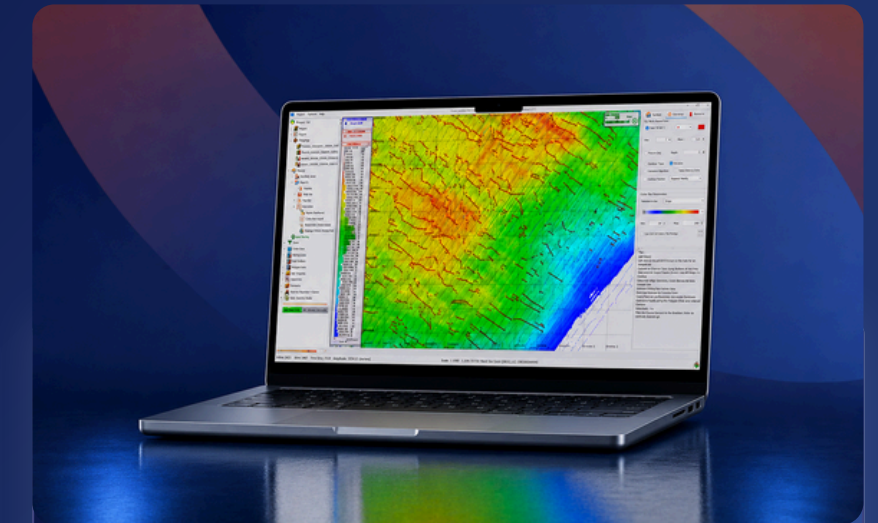
Receiver hardware

Node charging, harvesting and QC



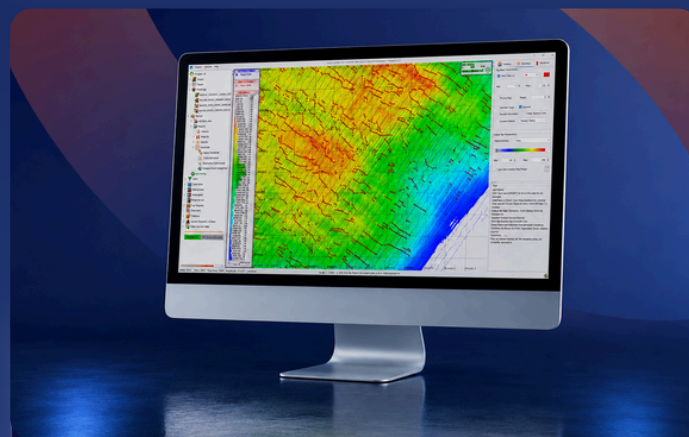
Nimble Nest case

Portable flight case containing hardware to simultaneously charge and harvest up to 540 STRYDE nodes, per Nest in 24 hours, allowing survey teams to work more efficiently than ever before.



System laptop

Equipped with software for survey planning, node and data management



SurveyQC and SeismicQC software

Purpose-built seismic field planning and QC software that streamlines survey design, field operations planning and QC, providing quality assurance from node deployment through to data delivery.



Initialisation device charger

Optional

Charging device that enables 45 Initialisation Devices to be charged simultaneously.



Micro Nest

Optional

The Micro Nest is a lightweight and portable device that makes Initialisation Device (ID) charging convenient and easy for STRYDE users. Up to four ID's/nodes can be charged on the Micro Nest.

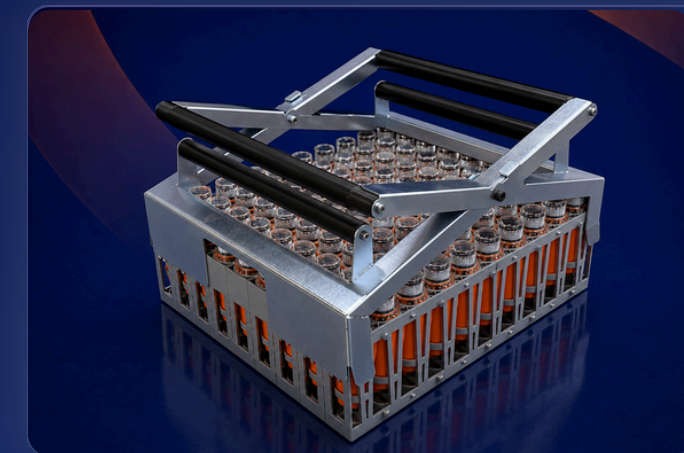
Optional peripherals

Optional node deployment and retrieval hardware



50, 75, 125 mm spikes

Zinc-plated steel spike of length 50 mm. Can be attached to the basal slot of STRYDE nodes.



50, 75, 125 mm spikes

The Manual Lifter is a tool for ergonomic two-handed lifting of trays of 90 STRYDE nodes. It further improves the HSSE performance of the STRYDE system by reducing the risk of finger injuries and operator fatigue from repeated manual handling of nodes.



Rope spool and 600m rope

600m length of 2mm diameter eight-stranded braided rope (0.91kN tensile strength) on rope spool for attachment onto deployment and retrieval Backpacks. Rope is attached to nodes during deployment to enable nodes to be easily located during retrieval, preventing loss of nodes.



Planting pole

Aluminium pole for efficient and ergonomic planting of STRYDE nodes in soft ground (e.g., snow) when rope is being used.



Shoulder carry strap

Shoulder Carry Strap for carrying up to three node magazines, carrying 30 nodes.

STRYDE

More data, less effort.