

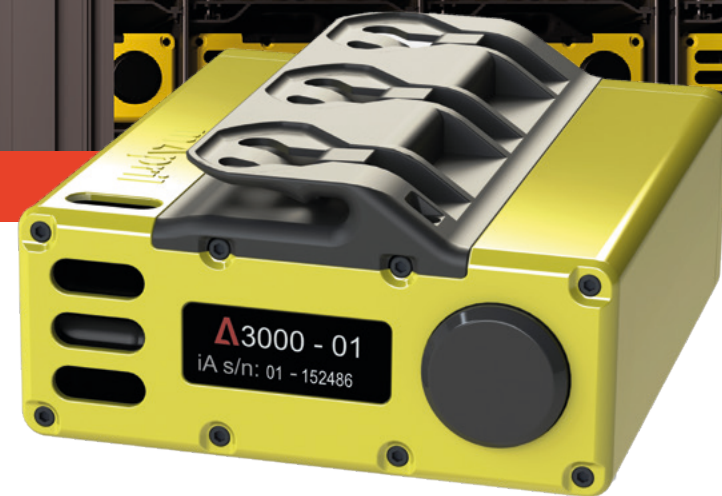
inApril

Seabed Seismic Solutions

VENATOR

– the complete and fully integrated
Ocean Bottom Node system





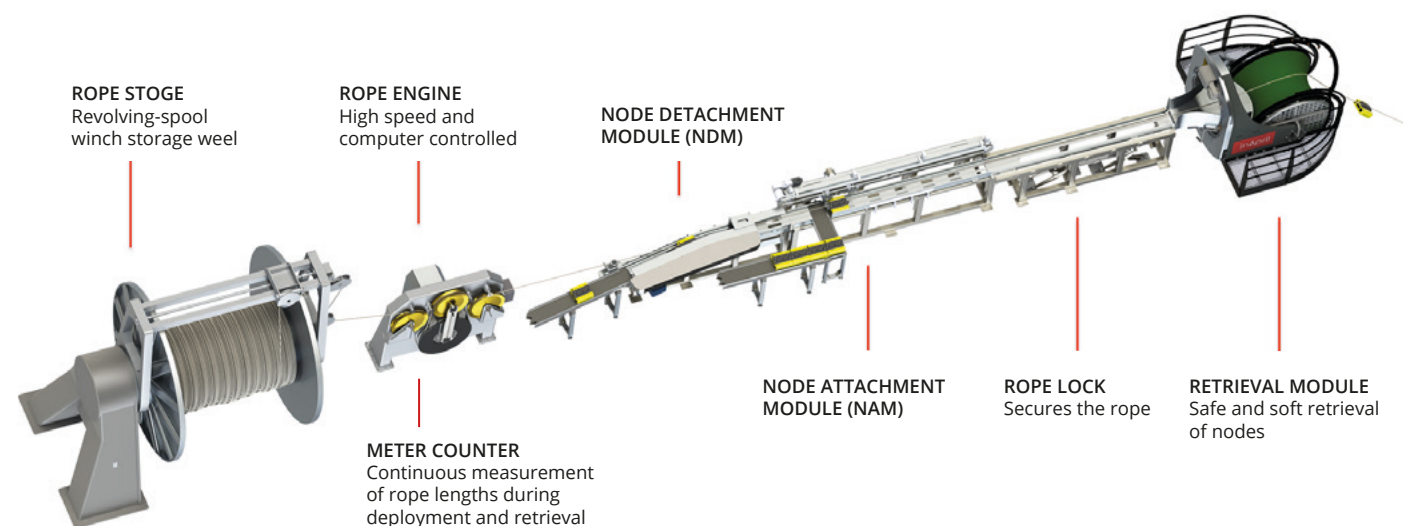
Venator, our fully automated and hands-free OBN solution, is a complete seabed seismic solution suitable for both node-on-a-rope and ROV operations for vessels of any size.

The Nodes (A400/A3000/A3000LL)

- Four channel recording @ 0.5, 1, 2 or 4 msec
- 14 Hz omni-directional geophones
- High Tech HTI 96 hydrophone
- Precision OCXO or CSAC clock
- Built-in battery charger
- Three-orthogonal compass and tilt sensors
- Built-in USBL positioning transponder (optional)
- 400/3000/3000 m operating depth
- 50/100/200 days endurance / Lithium ion rechargeable batteries

Automation

- Safe and hands-free operation
- More than 10 000 nodes from one vessel
- Real-time computer controlled node spacing
- Fixed or containerized installation
- Up to 6 knots deployment and recovery speed



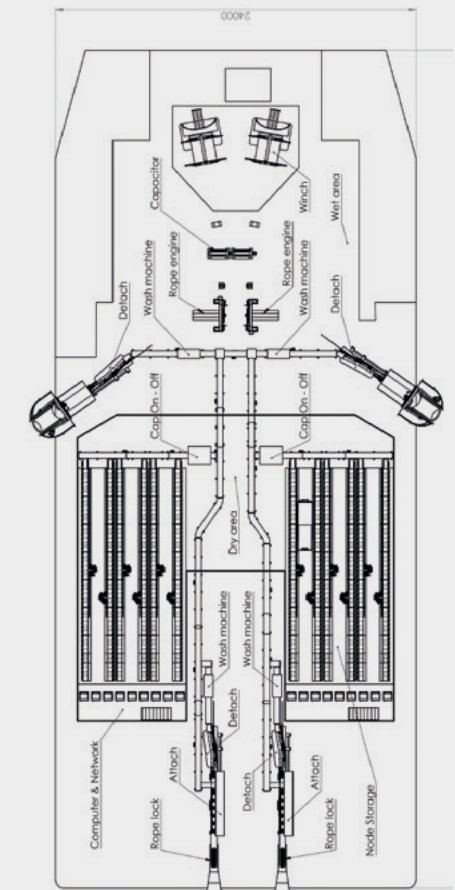
Operational Modes

Venator covers all node operations

- Node-on-a-rope in shallow and deep water
- ROV deployment
- Reservoir Monitoring

Data Management

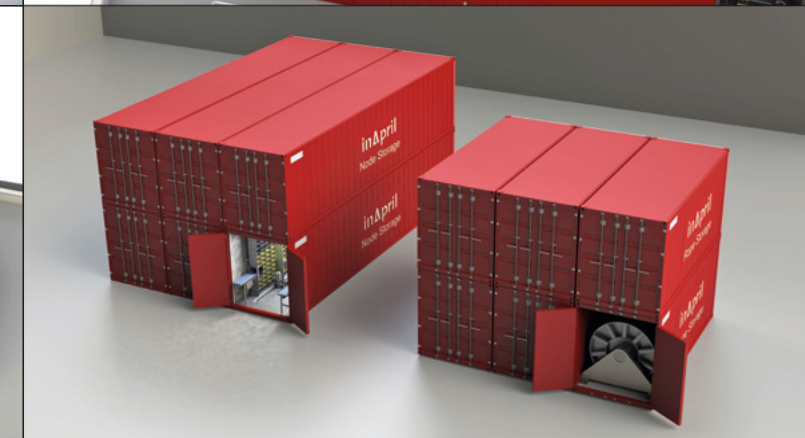
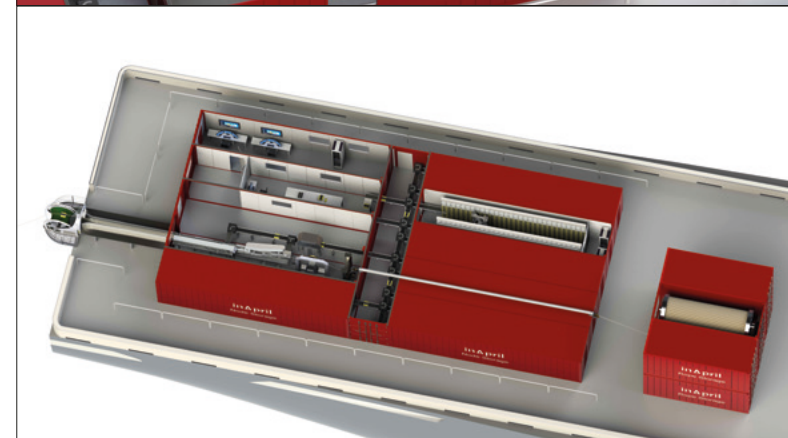
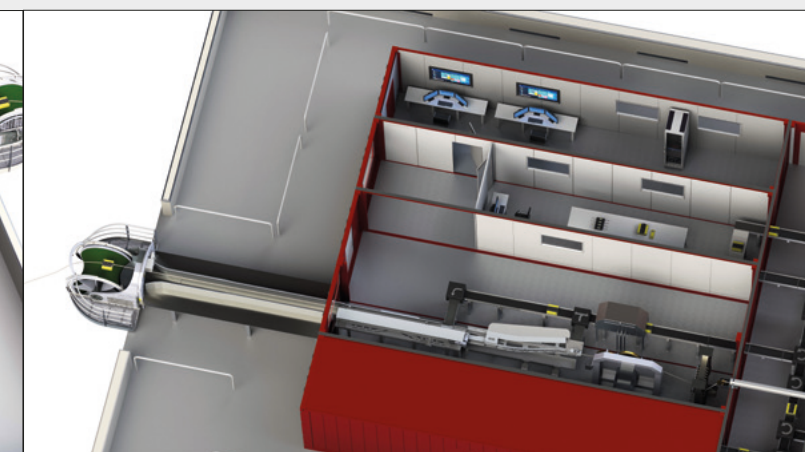
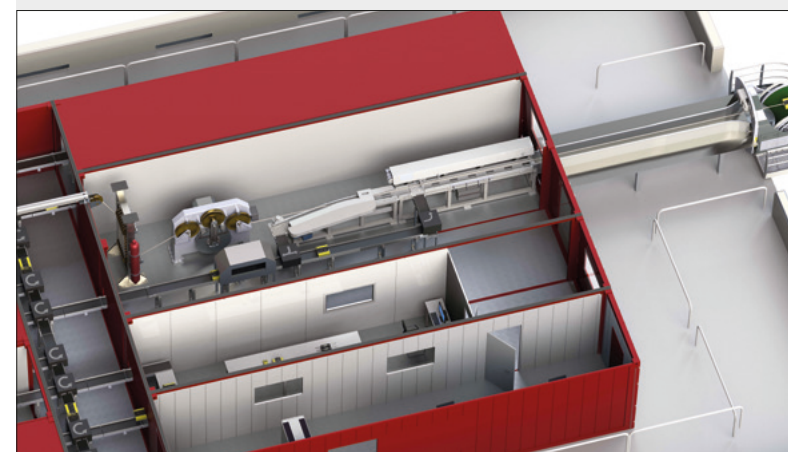
- Automated and near hands-free operations
- Advanced QC functionality
- Data storage and formatting
- Gator II integration
- Real-time battery monitoring while onboard (safety feature)
- Node configuration settings
- Node positions and status
- Enhanced clock accuracy



Fixed installation example

- 14,000 nodes
- Dual deployment and retrieval setup

Containerized solution example





WE ARE

An independent supplier of OBS technology as well as the fully integrated ocean bottom node based seabed seismic solution, Venator. A total rethink in the design, costs, operational efficiency and safety within seabed acquisition.

INNOVATIVE TECHNOLOGY

- Complete OBN solutions
- Node electronics and firmware
- Topside software and hardware
- Launch and retrieval system
- Node storage and handling

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