NexTrak

Meet NexTrak, the Future of Acoustic Telemetry

Powered by INNOVASEA

NexTrak

A breakthrough acoustic telemetry system that improves performance in the water now while providing the technological foundation for the fish tracking of tomorrow.

Why NexTrak?

↑40%

Greater range

Extended range reduces the number of receivers required to cover the same distance, lowering the total cost of ownership.

2x

More detections

Double the data means double the discoveries. Reliably monitor fish activity in even the most challenging environments.

Higher quality data

Signal strength data and enhanced post-processing capabilities enable researchers to tackle deeper questions about animal behavior.

Key Specifications

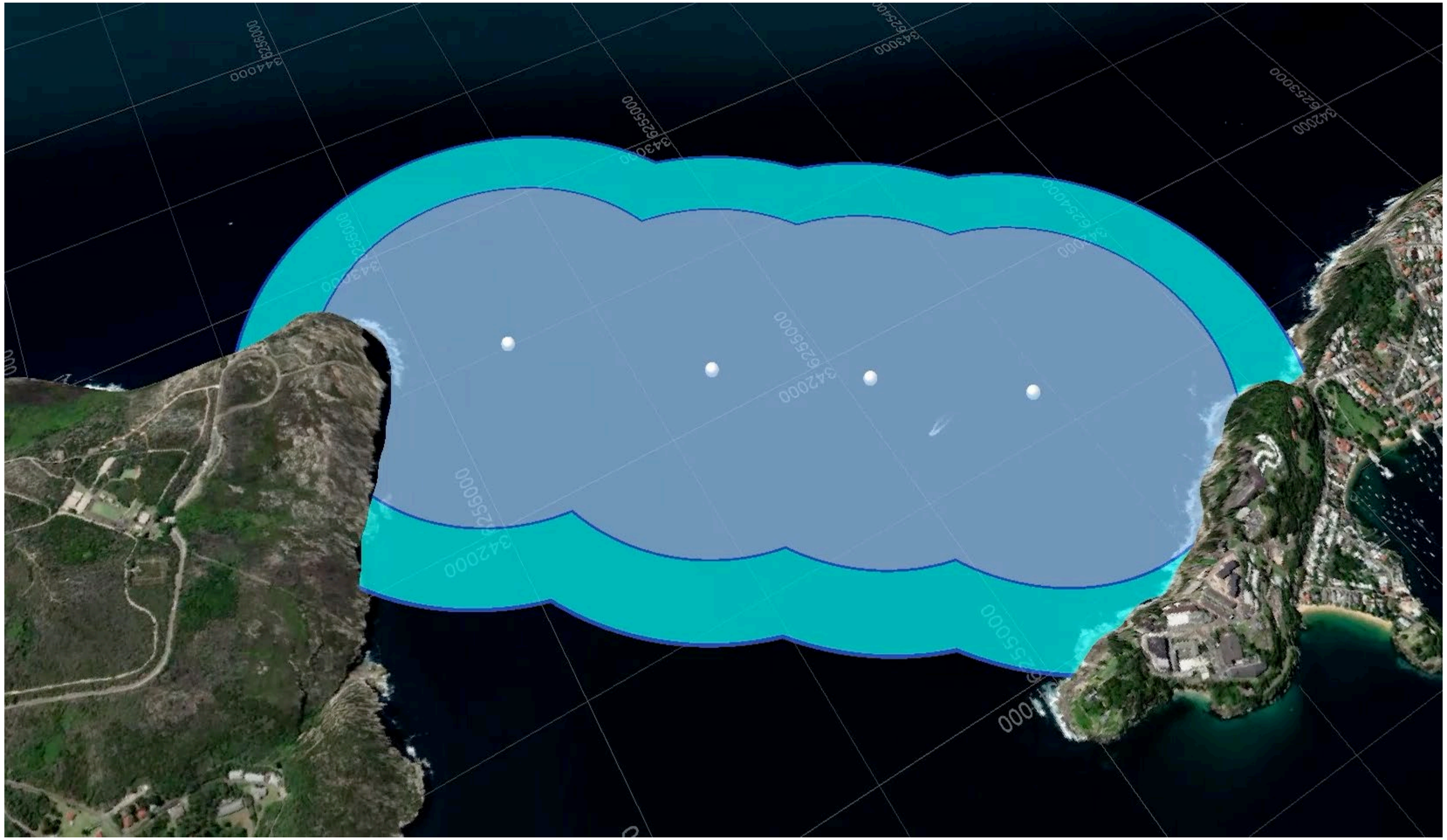
Frequency: 69 kHz
Weight in air: 1.2 kilograms
Weight in water: 0.075 kilograms
Length: 308 mm
Diameter: 73 mm
Power: Two 3.6 volt Lithium D cell batteries
Battery Life: ~13 months
Depth Rating: 750 meters
Storage Capacity: ~5 million detections
Programmable built-in sync tag
Logging of noise, tilt, temp., and signal strength

Pair with:

1. All Innovasea coded 69 kHz transmitters and sensor tags
2. Fathom Software for easy data offload and analysis
3. VR100 Deckbox and VHTx-69 kHz Transponding Hydrophone for communication with deployed units

Sydney Harbour, AU

90-day stationary test tracking white sharks



NexTrak VR2AR

NexTrak R1 vs VR2AR

158%
More detections

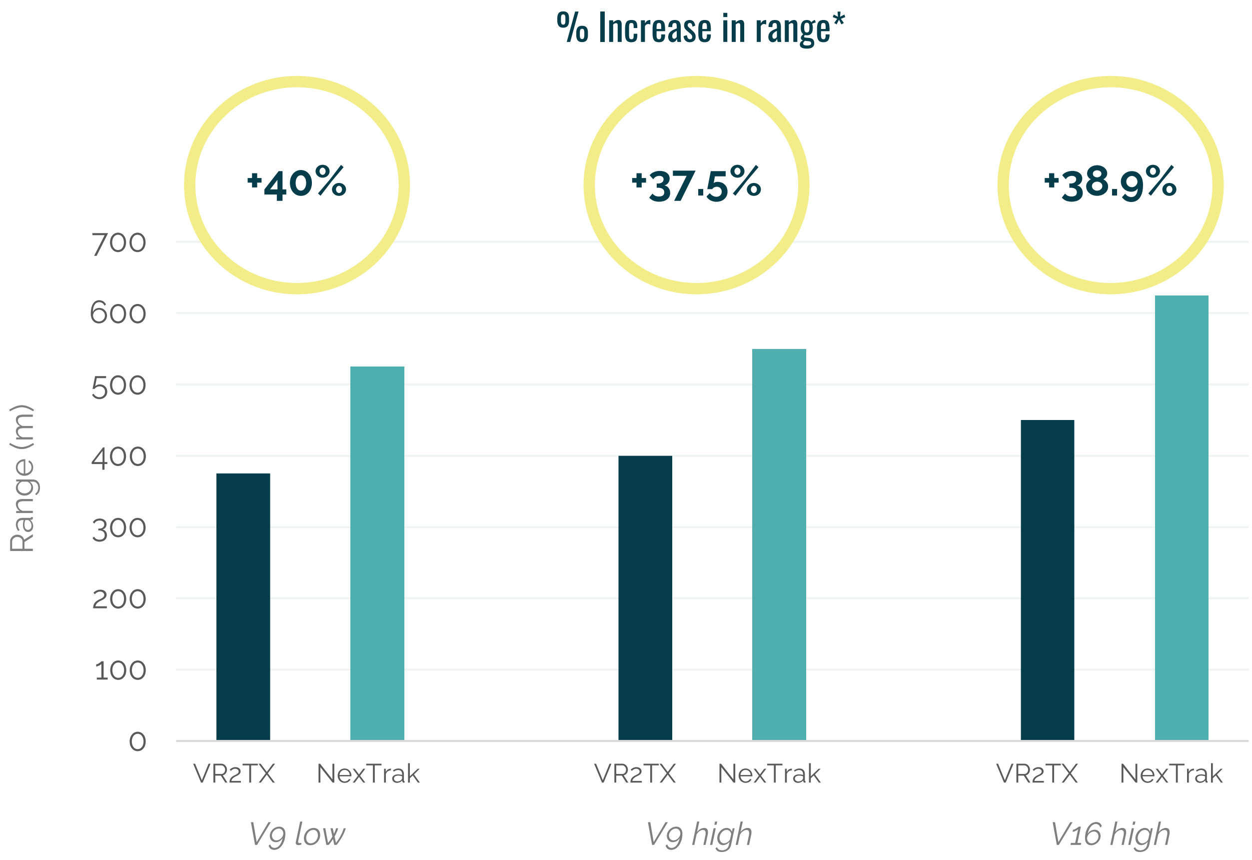
38%
Increase in range

16%
More unique detections

CASE STUDY

Baltic Sea

Drift test: NexTrak vs VR2Tx in estuarine environment

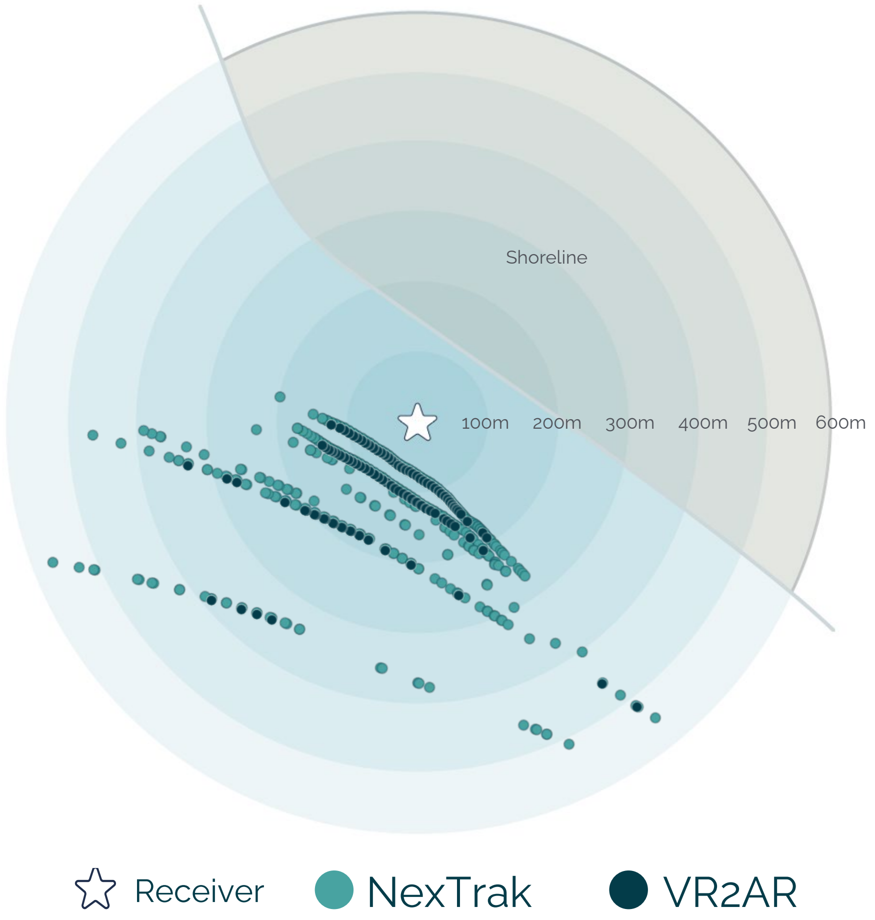


*Range at 0.5 detection probability

CASE STUDY

Minas Passage, Bay of Fundy, NS

Drift test: NexTrak vs VR2Tx during flood tide in high noise

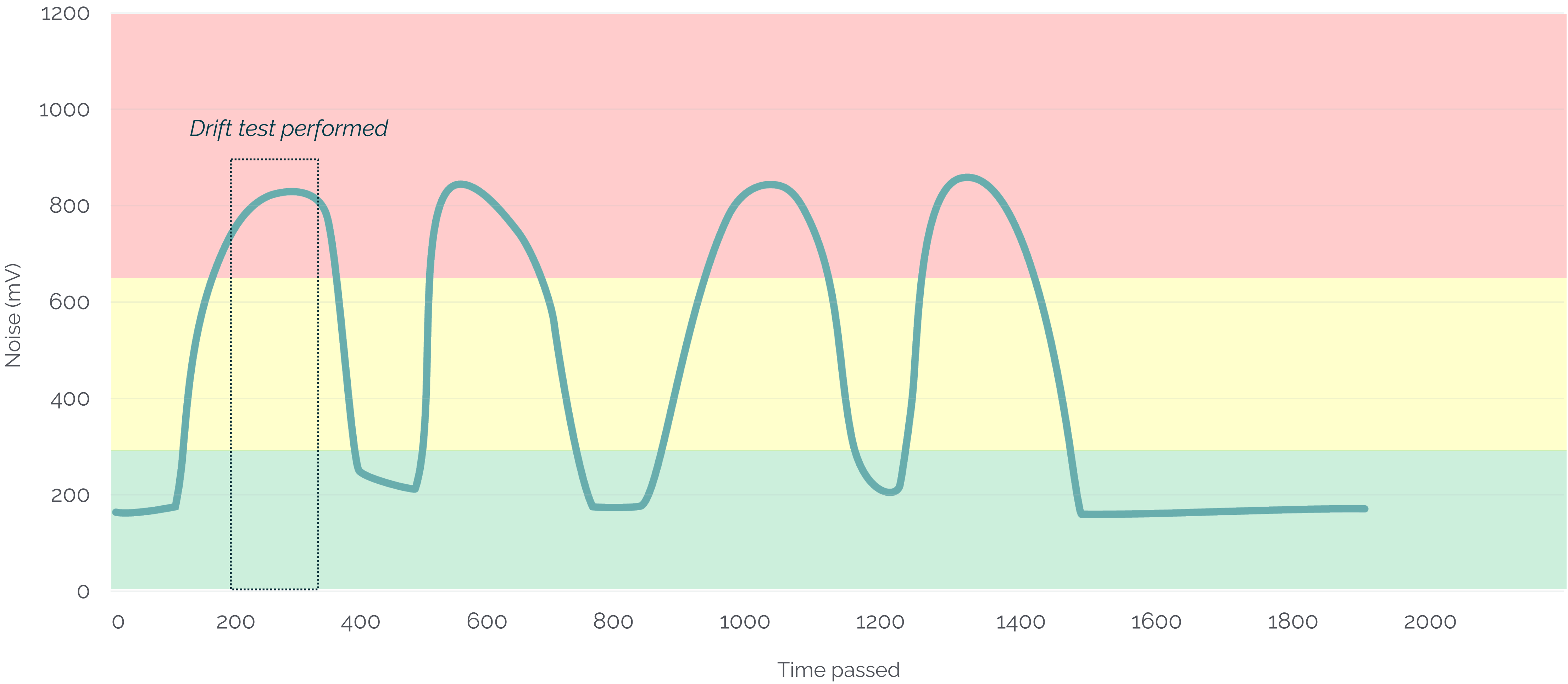


Up to
137%
More detections

Up to
53%
Increase in range

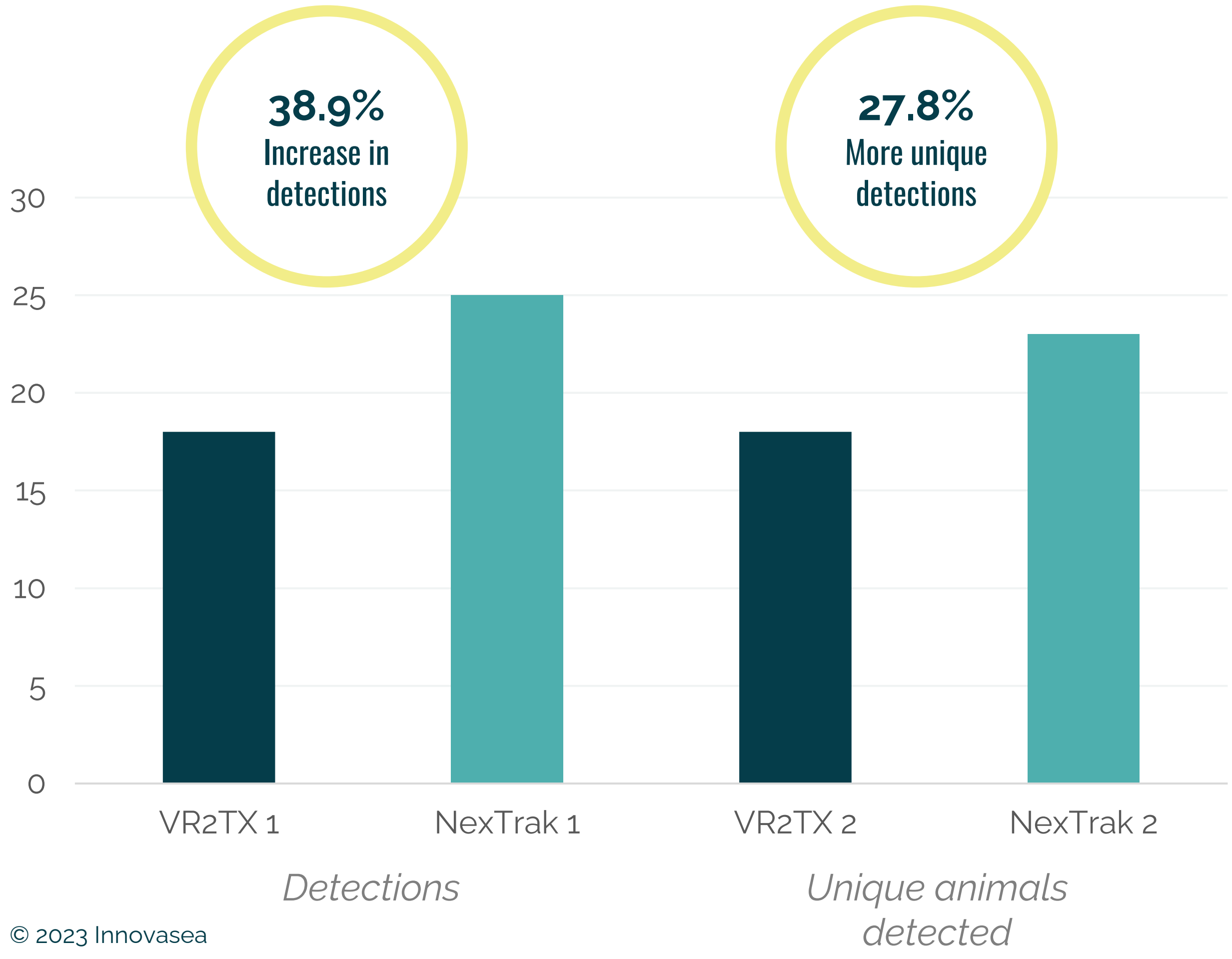
CASE STUDY

Noise Level Chart in Minas Passage



St. Mary's River, NS

Salmon Smolt Detections: Migration Study



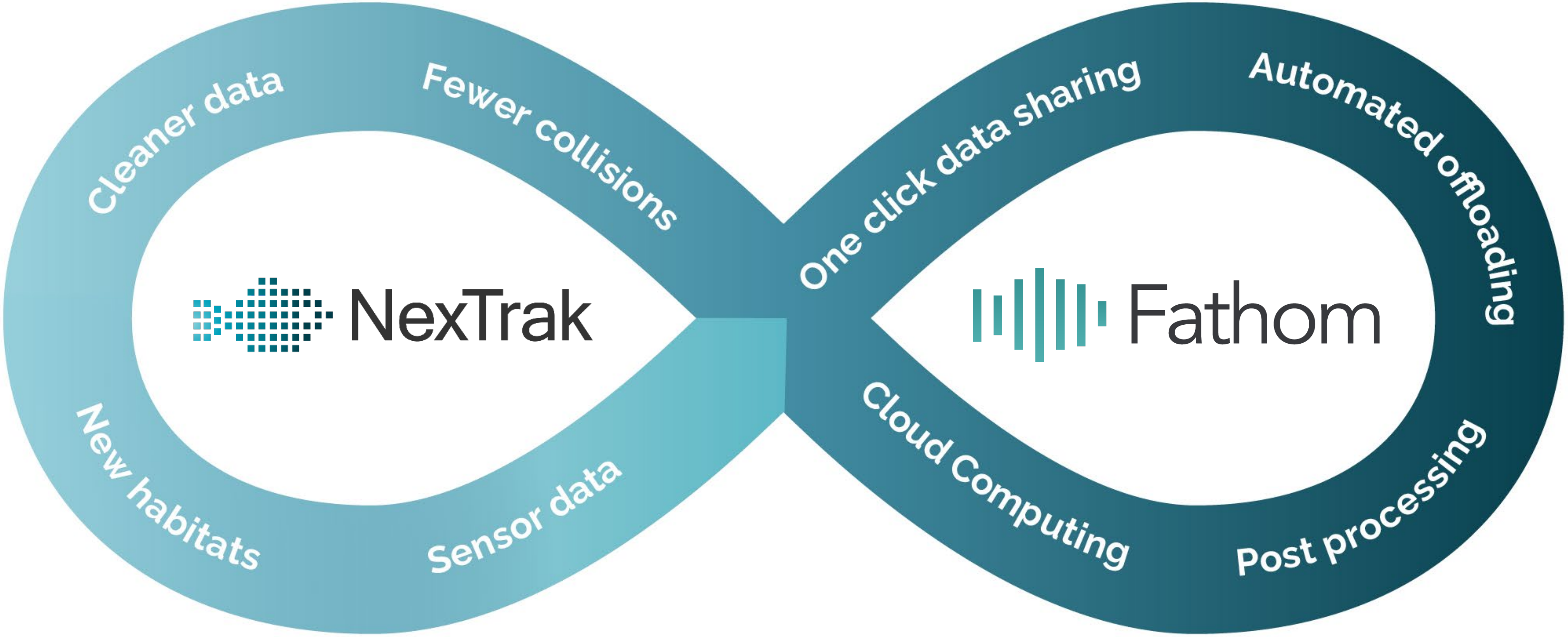
The Value of Innovasea

Connects a global community of researchers to work collaboratively with acoustic telemetry

- **30,000 receivers** worldwide
- **120,000 active tags** in the water today

Maintain ownership over your data and share it with any of your colleagues or networks worldwide

What's to come



Join us on the NexTrak

Pre-orders available now!