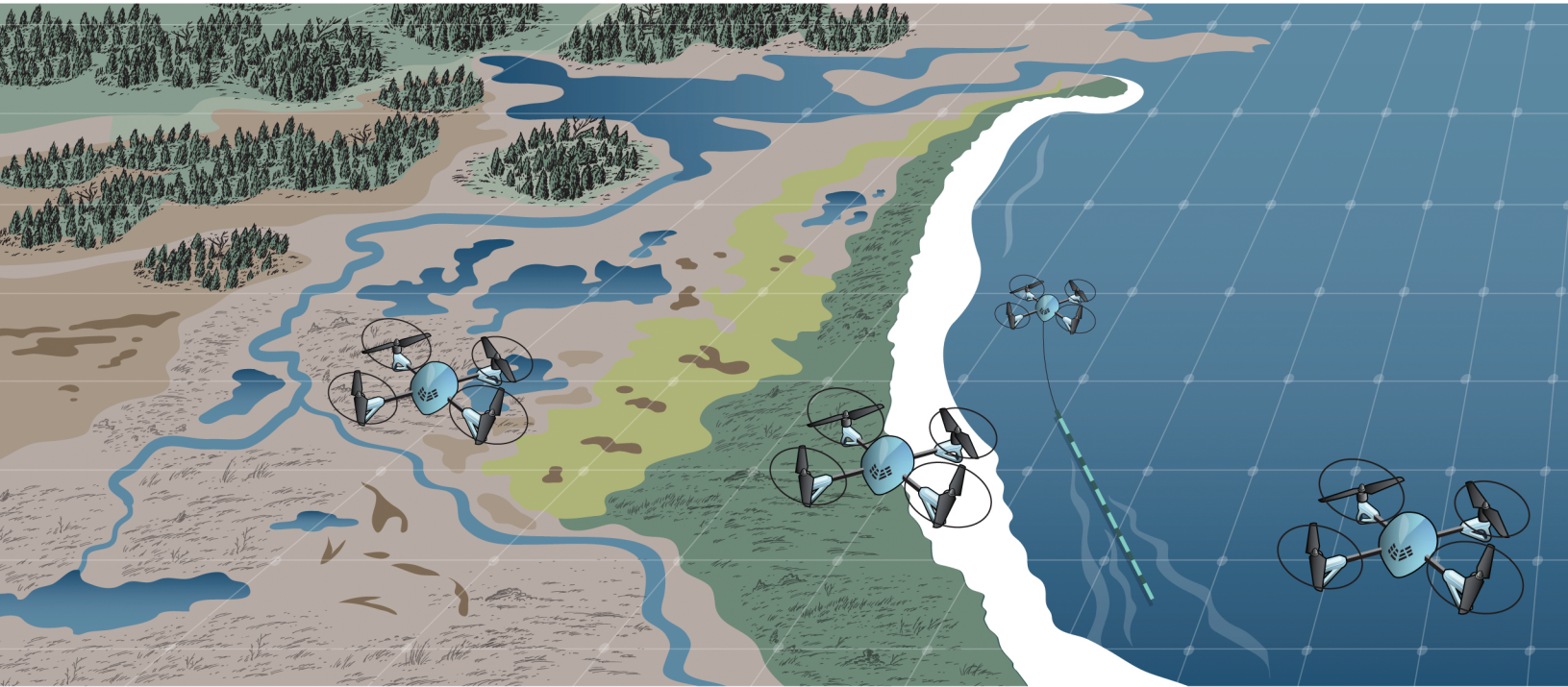


Coastal Ecosystem Assessment

Spiri



HARDWARE

- Spiri Mu
- Spiri Star
- Spiri Towed Body



OVERVIEW

Freshwater and coastline littoral zones are home to a great variety of plant and animal life. These life forms rely on complex interdependencies, and most live exclusively in the littoral zone.

The balance of life in littoral zones disproportionately affects, and is affected by, human activity, including aquaculture, housing, infrastructure, and recreation.



These are naturally dynamic environments, with climate change and rising ocean water levels as exacerbating factors. Spiri provides autonomous systems and real time analysis to help ensure the conservation of biodiversity and biotic integrity in these ecosystems, which are so vital to human life and prosperity.

TEAM SURVEYS

Aerial platforms, towed bodies, and stationary smart sensors work in tandem to cover the area from the top of the splash zone to the bottom of the photic zone.

TREATMENT OF DATA

Because Spiri systems bring computation to the sensing environment, the data they gather is pre-tagged with metadata to facilitate downstream collation and analysis.

REAL TIME ANALYSIS

Data from Spiri coastal surveys flows as near to real time as network connectivity permits. Such timely knowledge of the state of the coastal ecosystem supports positive environmental and economic outcomes.



Main Office
21320 - 27 Parker Street
Dartmouth, Nova Scotia
Canada B2Y 4T5

Contact
sales@spirobotics.com
support@spirobotics.com

