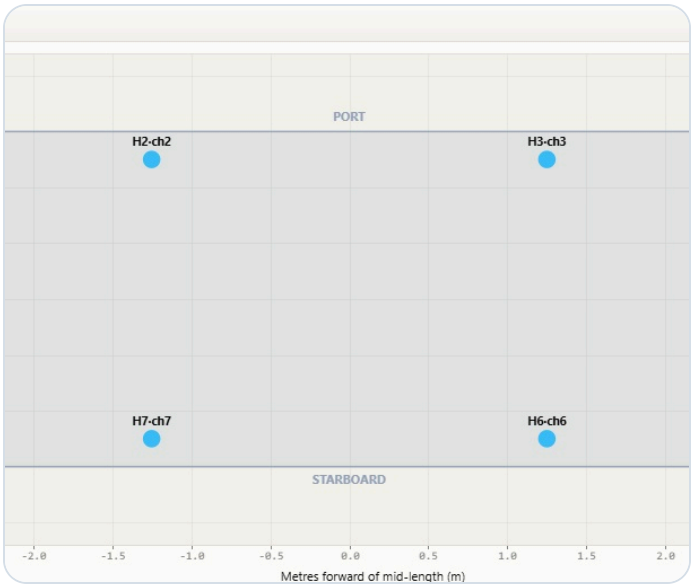
EMULATORS

Rehearse at your desk. Then go to sea.

Four TwoBlue emulators let teams train, test and integrate at sea, in the air and in sensing before any hardware gets wet or flies. Each one is also sold separately.



4

emulators: sea, air and sensing

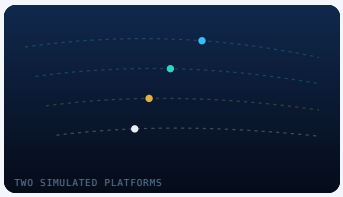
2

complete platform simulations at sea

0

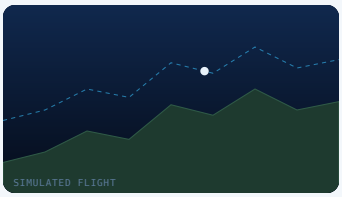
hardware needed to start

FEATURES



Trident Vessel Emulator

Two complete autonomous platform simulations for training, testing and integration.



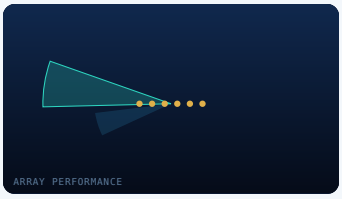
Zeus Aircraft Emulator

Simulated fixed-wing and multirotor aircraft, from take-off to landing at HOME.



Labrador Array Placement Emulator

Plan where hydrophones go on a hull or the seabed, and see the effect before installation.



Labrador Array Performance Emulator

Test how an array design performs, from bearings and detection to tracking, before building it.

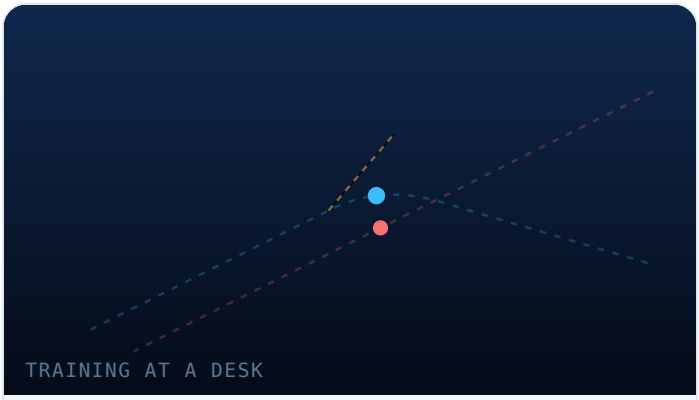
Advanced TRL

Complete missions run end to end with our emulators and simulators. Poseidon's Training mode rehearses full missions against a simulated opponent.

XALTCRAFT™ Technologies Inc · 41 Starview Avenue, Vaughan, NS B0N 2T0 · 27 Parker Street, Dartmouth, NS B2Y 4T5
Screens from TwoBlue software running demo scenarios with simulated and emulated data. Scenarios are illustrative.

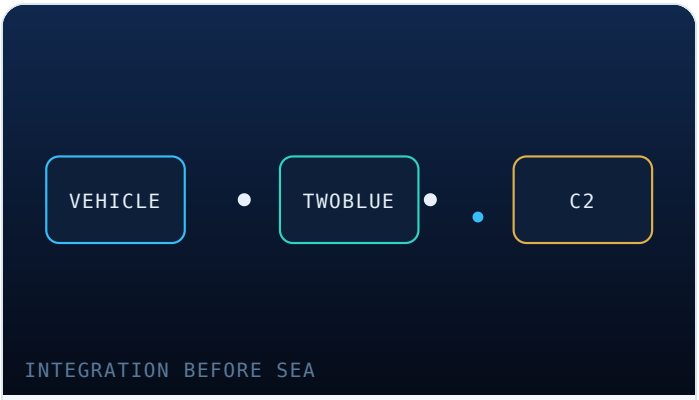
www.xaltcraft.com
info@xaltcraft.com · +1-902-306-7191

USE CASES



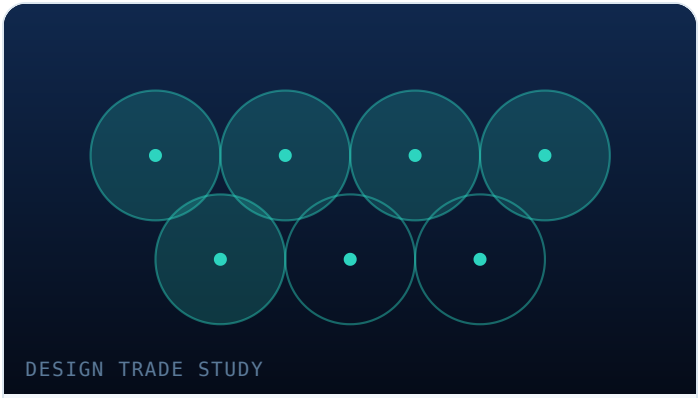
Operator training

Two simulated Tridents and a simulated Zeus, at a desk, before going to sea.



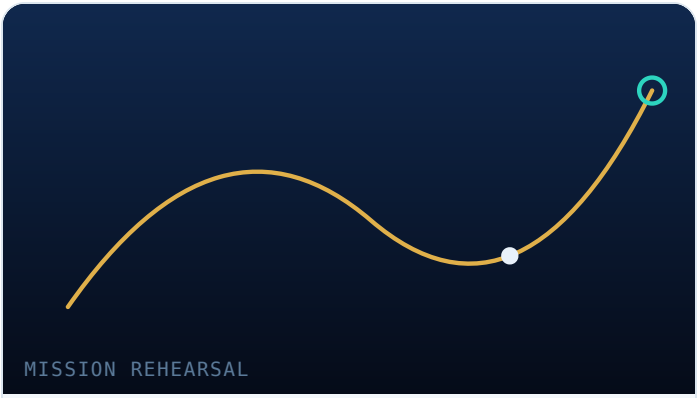
Integration before sea

Connect your vehicle and C2 to TwoBlue and test the links without wet hardware.



Array design trade study

Compare array designs side by side before anything is drilled.



Mission rehearsal

Fly and sail the Poseidon mission package end to end before the real thing.

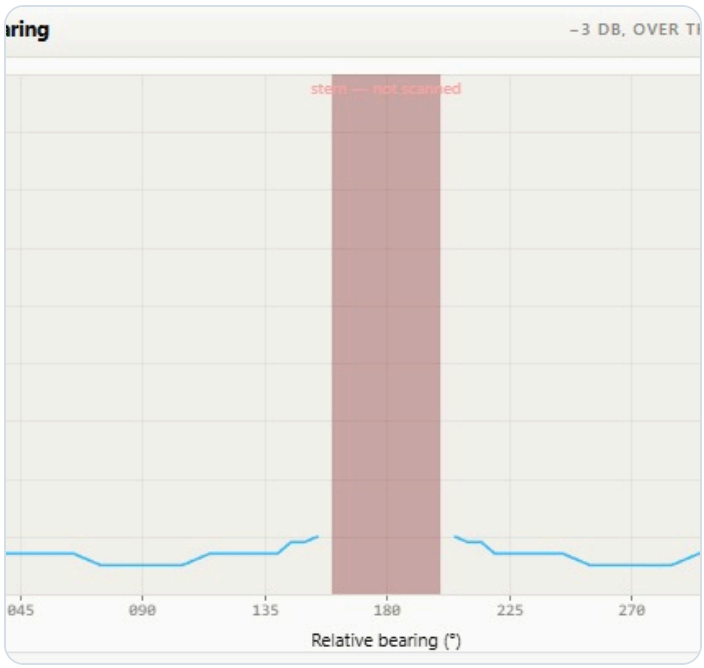
SEE THESE ANIMATED AT XALTCRAFT.COM/GO/EMULATORS

ILLUSTRATIVE SCENARIO

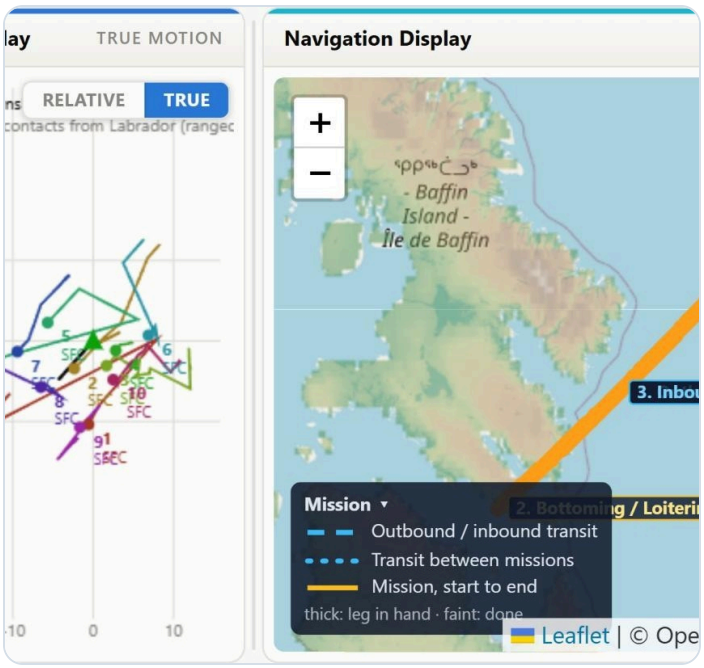
Choosing a hull array

An integrator is choosing between two hull arrays. In the Placement Emulator they move the hydrophones and watch the beam width change with bearing. In the Performance Emulator they run ships past each design. Then they rehearse the mission with two simulated Tridents in the Vessel Emulator and a simulated Zeus overhead, before anything is drilled.

ON SCREEN



ARRAY PLACEMENT: BEAM WIDTH BY BEARING



ZEUS AIRCRAFT EMULATOR: SIMULATED FLIGHT

Built on the same TwoBlue software that goes to sea and flies. Connect with us about any one, or all four.

See Emulators running

Ask for a live demo, or a call with the team that builds it. The QR code opens the Emulators page, with these use cases animated.

xaltcraft.com/go/emulators