

BIOACOUSTIC

[24/7 ACOUSTIC MONITORING]



Hear what your surveys are missing.



Continuous data. Fewer surprises.

Traditional field surveys leave gaps in time, coverage, and defensibility. OrniLogic's bioacoustic monitoring runs 24/7, capturing continuous activity data that snapshot surveys can't provide.

Autonomous acoustic recorders deploy on existing infrastructure and listen continuously. Audio is securely uploaded to a cloud-based processing pipeline, and the power of machine learning is harnessed to either identify a specific species of concern or evaluate a whole ecosystem.

Detections are standardized by monitoring effort and enriched with quantitative soundscape metrics — the Acoustic Complexity Index (ACI) and Acoustic Diversity Index (ADI) — producing a structured, reproducible, and statistically defensible dataset ready for compliance documentation, scheduling decisions, and impact assessments.

Early partners and collaborators:



BUILT FOR THE FIELD. BACKED BY SCIENCE.