

# Fathom Live

Real-time detection system means researchers no longer have to rely on animals to break the surface to get a ping

Get real time notifications of your tagged animal's presence in your study area with Fathom Live.

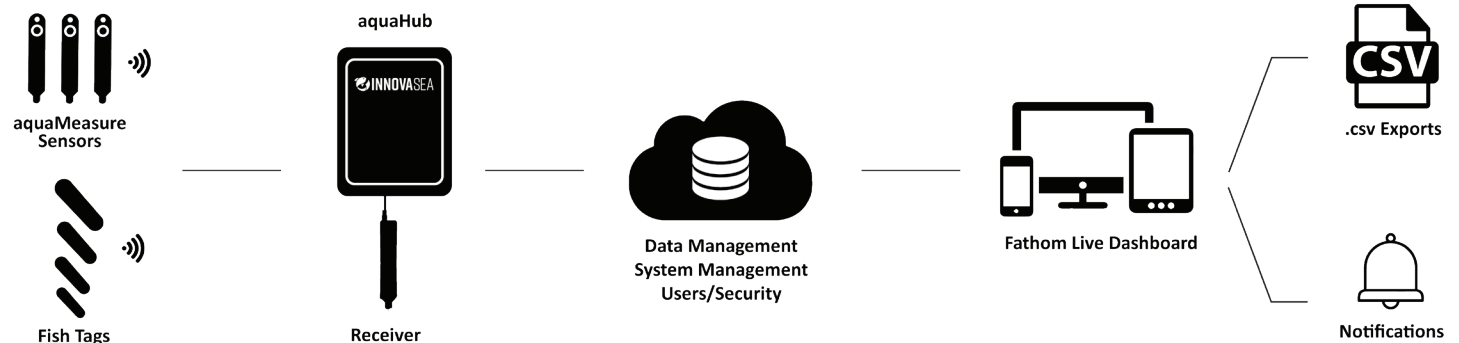
This system will allow you to track when a migratory species is on the move, alert the public if an area may be unsafe due to an animal's presence, and aid in resource management decisions such as dam openings and closures.

Fathom Live has two system implementation options: Fathom Live System or Third Party Buoy Configuration.



## Features

- » Rugged, easy to use plug and play design
- » Receive notifications when animals are in range of the receiver
- » Get system health and position alerts
- » Monitor environmental conditions (temperature, tilt, noise)
- » Customize user logins, notification settings and admin privileges
- » Integrate into buoy system or deploy on rigid structure mount
- » 2G/3G/4G cellular network and WiFi compatible
- » Mobile and desktop application provides data visualization



## Fathom Live System Option

- » aquaHub
- » RX-LIVE Receiver



## Third Party Buoy Configuration Option

- » Designed for use with Nexsens CB-150 or CB-450 Buoy (receiver can be integrated into a third party buoy of your choice)

- » RX-LIVE Receiver



### PRODUCT SPECIFICATIONS



**Fathom  
Live**

#### Fathom Live Hub Dimensions

352 x 400 mm

#### Third Party Buoy Dimensions

Data Well minimum dimensions:  
10.3" (26.16 cm) inside diameter  
13.5" (34.29 cm) tall

#### Receiver Dimensions

51 x 327 mm (plus cable)

#### Power

AC converter (Fathom Live Hub only): 120 V - 240 V  
DC: 15 -25 V  
Solar module (optional)  
Internal rechargeable 5 Ah lead acid  
50/60 Hz support

#### Power Consumption

14 mA x 12 V

#### Communications

WLAN: Dual band IEEE 802.11 a/b/g/h  
Cellular module (optional)

#### Bluetooth

Dual-mode Bluetooth v4.0

#### GPS

GPS / GLONASS receiver

#### Auxiliary Sensor

2 digital hydrophone ports

#### Sensors

Surface Hub temp and tilt  
Water temp, hydrophone tilt

#### Receiver

Multi-channel digital receiver

#### Enclosures

NEMA-4X, IP66

#### Operating Temperature Range

-20°C to +70°C (surface hub)  
-5C to +40C (hydrophone), water must not freeze

#### Receiver Depth Rating

30 metres

Ready to Get Started? [Contact us](#) today.

#### About Innovasea

Innovasea designs the world's most technologically advanced aquatic solutions for fish tracking and builds them to withstand the toughest conditions. It's all driven by a commitment to make our ocean and freshwater ecosystems sustainable for future generations. Today. Tomorrow. For life.



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