



AQUACULTURE RENTAL SERVICE





Following multiple requests from users in Scotland and Ireland, RS Aqua is now able to provide Innovasea's revolutionary real-time water quality monitoring system as a rental service for aquaculture.

The system allows aquaculture producers to monitor environmental conditions online in real time. It includes a suite of cableless sensors called *aquaMeasure* which use an underwater acoustic protocol to send data to a central telemetry unit called the *aquaHub*. The *aquaHub* pushes the data online in real time, over a WiFi, cellular or Iridium network.

Other monitoring systems can also be added, such as meteorological weather stations, current profilers and wave and tide loggers. All sensor data is secured online and can be viewed in real time on a smart phone or computer using our *aquaCurrent* app. Customisable environmental alarm systems are included in the app.

RS Aqua's monthly Aquaculture Rental Service covers end to end provision of the real-time monitoring system, as well as installation, training, and regular equipment service and calibration options. All aspects of the service are customisable to suit the needs of aquaculture sites in the UK and Ireland.

The service comprises four option bundles for the customer to choose from and customize.

1. **Sensor Provision.** You can select from a suite of sensors which measure Temperature, Dissolved Oxygen, Salinity, Turbidity, Chlorophyll, Blue Green Algae and Dissolved Organic Matter.
2. **Cloud Service.** This is either WIFI, Cellular or Iridium. Many farms have WIFI, and for cellular telemetry a local 3G or 4G mobile service is sufficient. RS Aqua can provide a data SIM for this mobile service for a fee if required.

A site using 4 sensors or less generally qualifies for a lower cost cloud service license. If you require access to an independent API data stream from your sensors this can be supplied for free for up to 3000 data lines per day. An additional monthly charge is applied for more data lines than this.



The cloud service includes secure online data storage for your data and access to the online app on computer or smartphone (iOS or Android).

You can also use the sensors without the online storage or real time app if you wish. In that case the data would be downloaded from the sensors to your smartphone over Bluetooth, and cloud service license is required.

3. **Installation.** You have the option to select on-site installation and commissioning at your farm by RS Aqua technical staff, or you can install the equipment yourself with remote video support from RS Aqua.
4. **Service Level Agreement (SLA).** Options include regular on-site or off-site servicing and calibration of the sensors by RS Aqua technical staff on an agreed timetable of your choosing. In the case of the off-site service, you would return the sensors to RS Aqua (Port Solent) for servicing and calibration. The SLA includes a commitment from RS Aqua to ship replacements for our standard sensors and equipment within 24 hours of being notified of a requirement.
5. **Length of contract.** Our rental contracts are generally 12, 18, 24 and 36 months. If you require a different contract length, we will try to accommodate this.

The following are provided as standard throughout your contract:

- + Videocall training for all users.
- + Daily support via email, phone and videocall from the RS Aqua Technical Services team.
- + Full equipment warranty for the duration of contract.
- + Sensor and telemetry equipment spares for quick maintenance.

Get in touch with us today to discuss which of our Aquaculture Rental Service options would be suitable for your site.