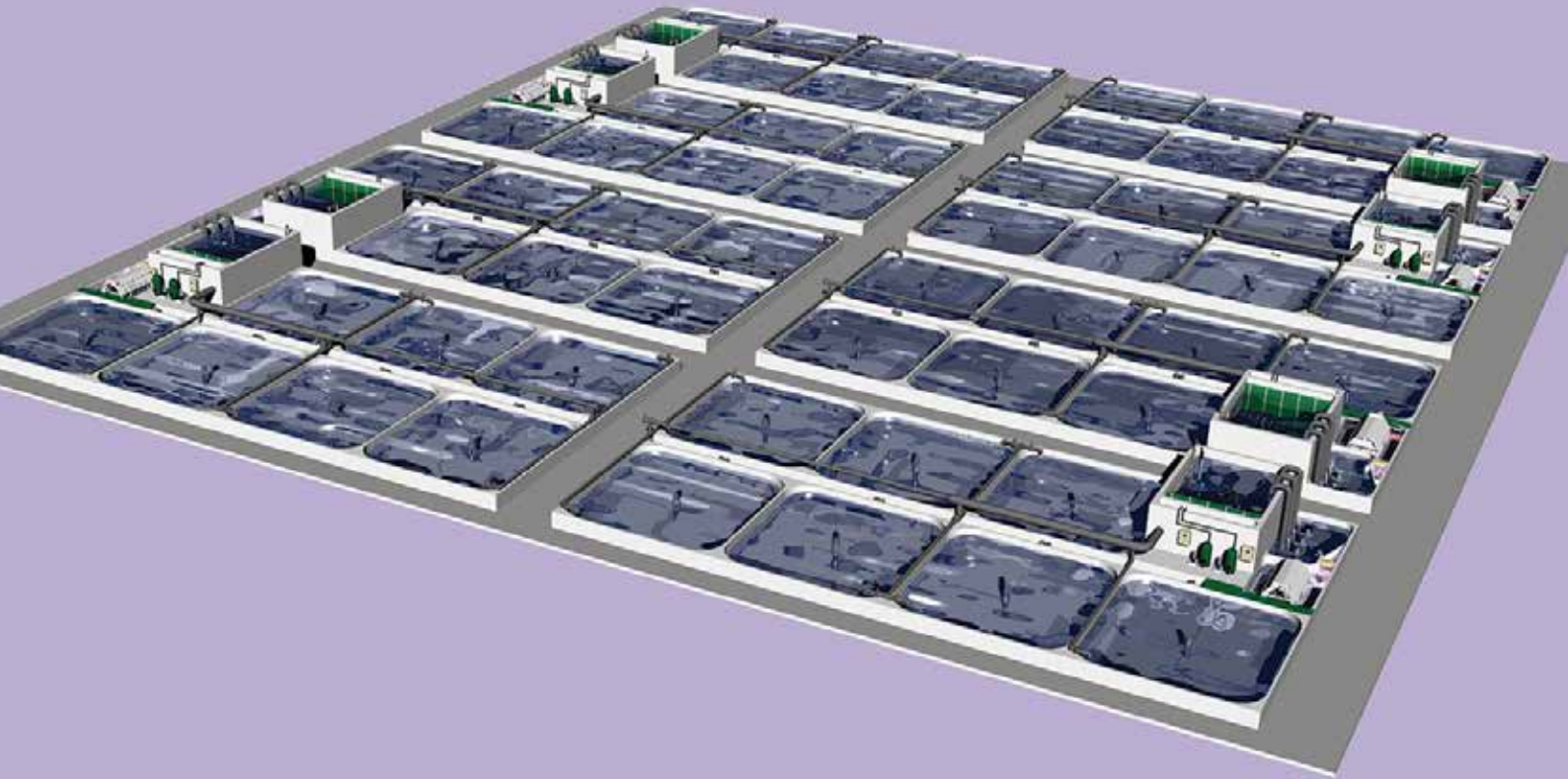


INNOVAQUA

± RASystem[®]

INNOVAQUA RECIRCULATION CONCEPT

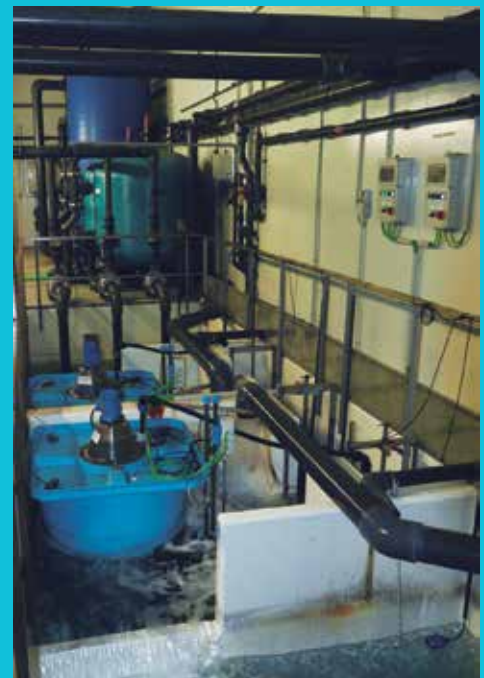


INNOVAQUA exclusive technology



RASystem[®]

*can be installed for fish,
shellfish and crustacean farms,
both for fresh and salt water,
research or production centers,
brood-stock or on-growing*



±RASystem®

by

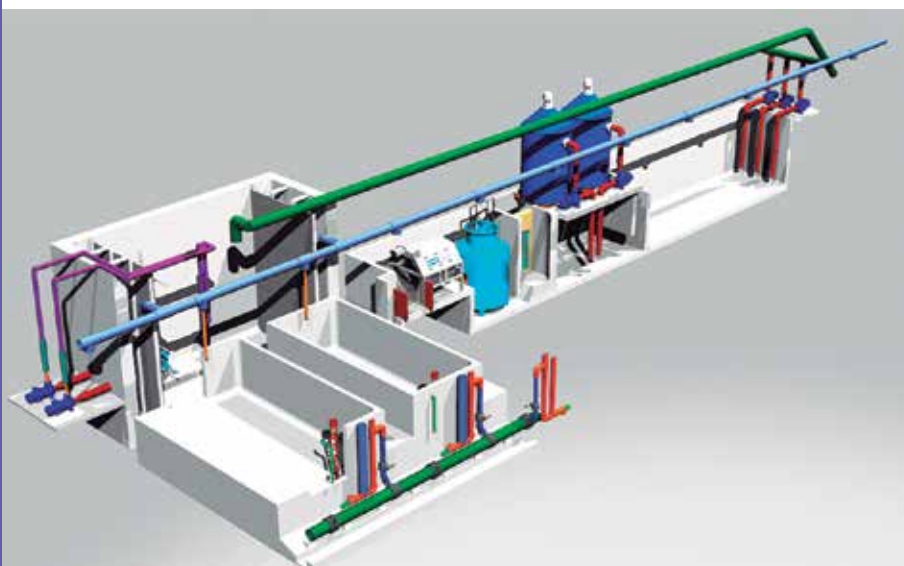
I N N O V A Q U A

±RASystem® is the result of INNOVAQUA long-standing experience in designing and installing Recirculation Aquaculture Systems around the world.



±RASystem® is an integrated solution including the following benefits:

- Maximizes growing rates
- Minimizes water consumption
- Optimizes the available production space
- Reduces energy and operating costs
- Complete parameter control
- Biosecurity
- Optimizes waste management

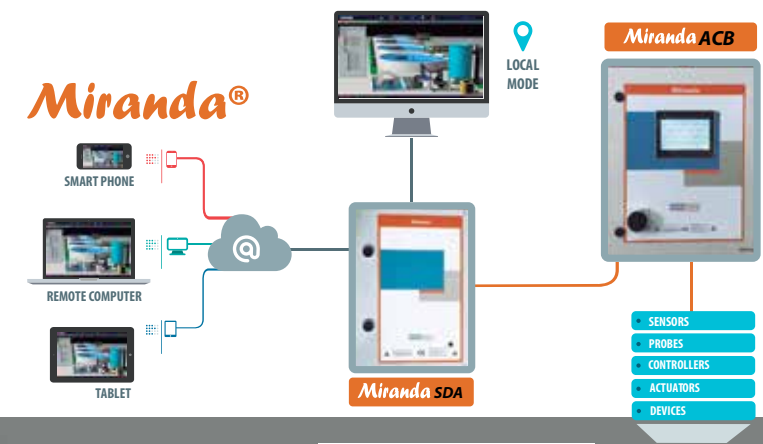


±RASystem® achieves full effectiveness using the latest technology and selecting materials and equipment of proven quality, most of them exclusive or in-house designed

// ±RASystem®
MAXIMUM EFFECTIVENESS

The **±RAS**system[®] concept is an optimized system based on automated and controlled treatment, that allows the reuse of water through the removal of solids, biological purification, chemical equilibrium, sterilization, degassing and oxygenation.

AUTOMATION AND CONTROL
Exclusive **MIRANDA**[®] system with state-of-the-art specific sensors and unique self-cleaning mechanisms



FEEDERS

Unique automatic and high precision **MIRAFEED** dosing devices and cutting-edge centralized feeding system

DEGASSING

Efficient equipment for the elimination of CO₂

OXYGENATION

Oxygen injection with optimum dissolution performance

BIOLOGICAL FILTER

Self-cleaning with submersible and fluidized bed and high specific surface biomed. minimum space, maximum performance. Its design ensures a stable flow to the growing tank.

RENEWAL CONTROL

Automatic water renewal system

MECHANICAL FILTRATION

High-quality and strong self-cleaning filters

SKIMMER

Unique automatic and high performance submerged skimmers with **INNOPURE**[®] technology, optimized for **OZONE** use

ORP CONTROL

Automatic ozone regulation system

PUMPING

A single pumping station simplifies installation and reduces costs and risk. High quality pumps selected for optimum hydraulic performance

pH CONTROL

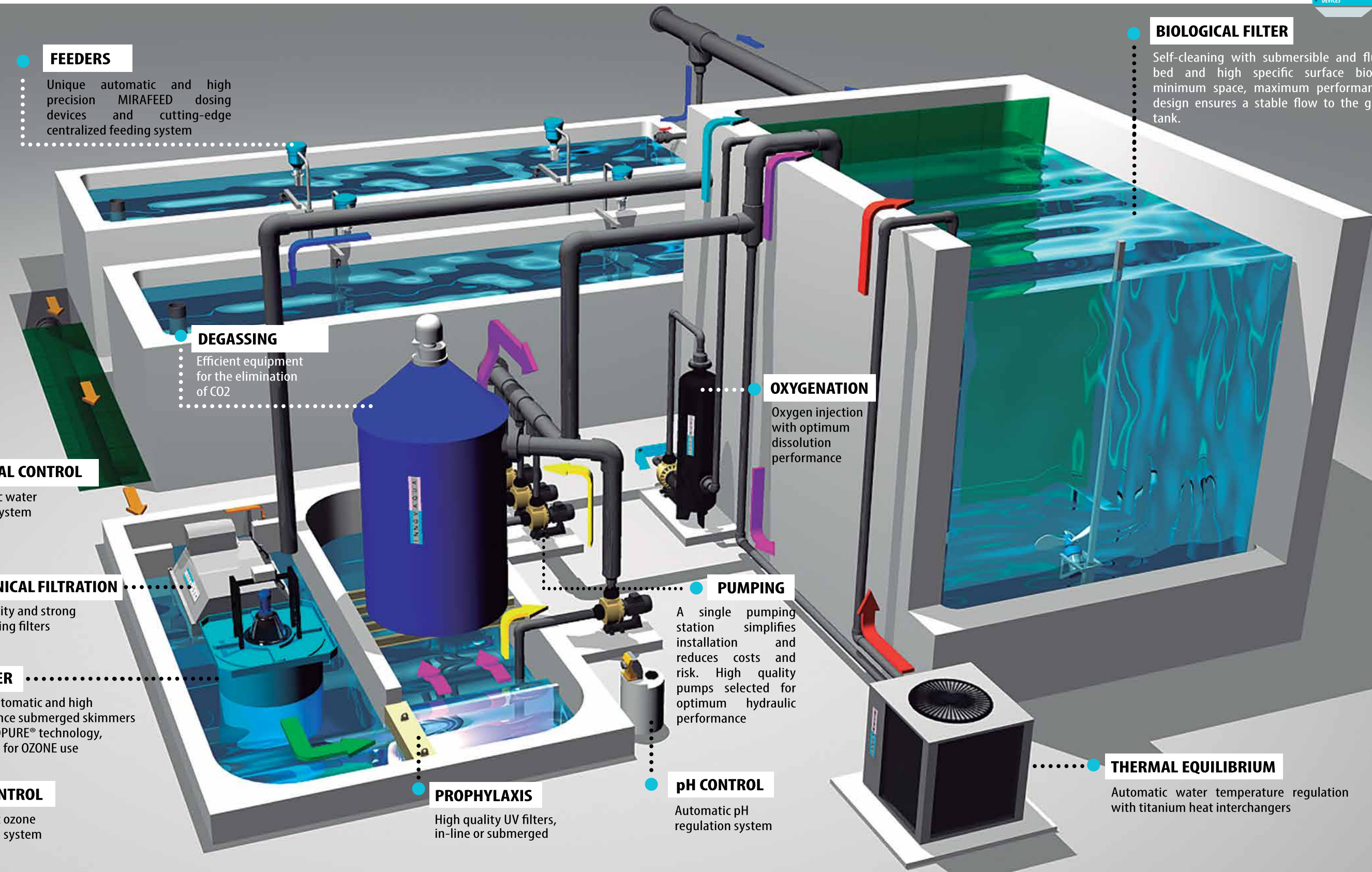
Automatic pH regulation system

PROPHYLAXIS

High quality UV filters, in-line or submerged

THERMAL EQUILIBRIUM

Automatic water temperature regulation with titanium heat interchangers



I N N O V A Q U A

www.innovaqua.com

Integral solutions for the aquaculture world

