because they're worth it...

seneye

COMMERCIAL 8

fresh or saltwater

data → seneye.me → alerts

Commercial node
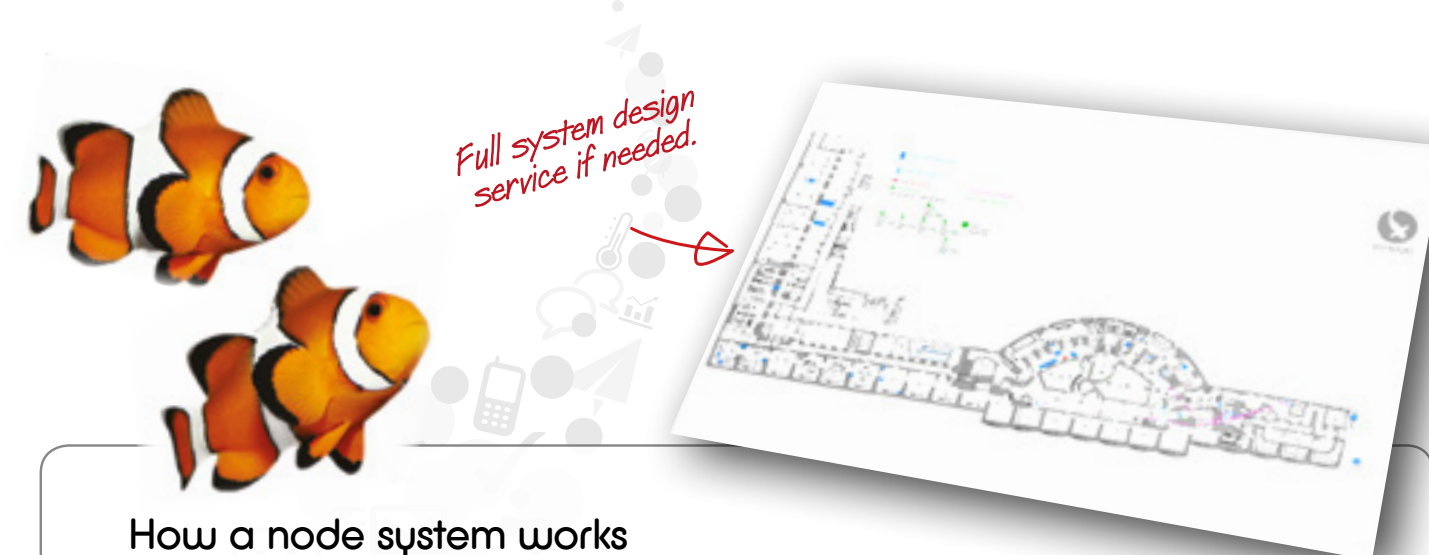
Full system design service if needed.
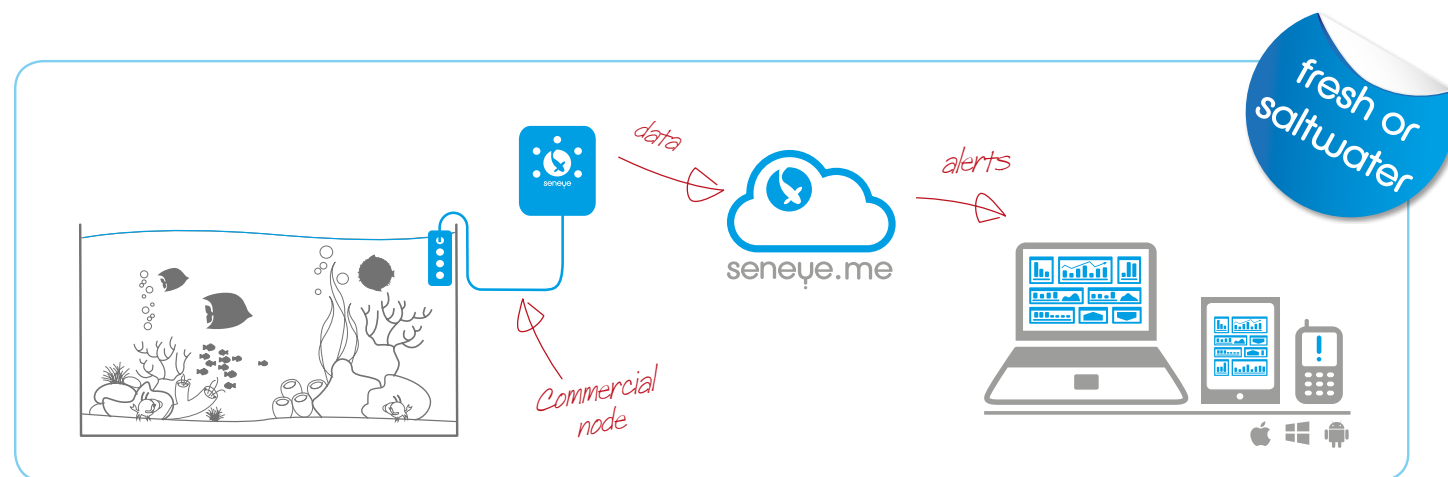
benefits of seneye

- Saves your investment in fish and coral
- Works day and night to test your water
- SMS and e-mail alerts when things go wrong
- Records 1500 monthly tests of each parameter
- Full history and online graphs
- Includes spare ports for future add-on sensors
- Great technical support team

seneye monitors

- free ammonia (NH3)*
- pH*
- light monitoring
- temperature
- water level monitor
- LUX (lx)
- PAR
- kelvin (K)

P.O.E. Sensor Nodes

- More resilience
- Pre configured
- Installation if required
- Scalable (use 1 or 1000)
- POE cable gives power & data
- Up to 50 meters between nodes

P.O.E. HUB supplied by seneye

Seneye P.O.E. Node can be up to 50 meters away

one cable to each node

How a node system works

A seneye network over a large site couldn't be easier or more reliable. The advantage of a node is that neither Wi-Fi or power is needed at the point of installation and they come already preconfigured! Installed by our engineers or by yourself; there is no excuse not to keep your fish safe. The seneye commercial system uses our patented sensor technology and the familiar seneye.me interface combined with the advantages of Power Over Ethernet (P.O.E.) technology. A single Ethernet cable up to 50 meters long is used to supply a data connection as well as power supply, meaning system reliability is greatly increased while install times and system complexity are greatly reduced. Data can be viewed on seneye.me on site, or off site and on any mobile or web browser.

One of the many advantages to our commercial line is no need for power sockets at the node which reduced cost for installs and ongoing PAT testing costs. The system completely does away with unreliable wireless signals which have a higher chance of failing. The system is tamper-proof and the new waterproof (IP66) case means no more accidentally unplugged cables or water damage. It can even be installed as a stand-alone system with an Uninterrupted Power Supply (UPS), meaning that even in the event of a power cut your data is still uploading to the seneye cloud.

This provides alerts and a management solution for key parameters, helping you comply with the need for detailed data logging under the animal welfare act.
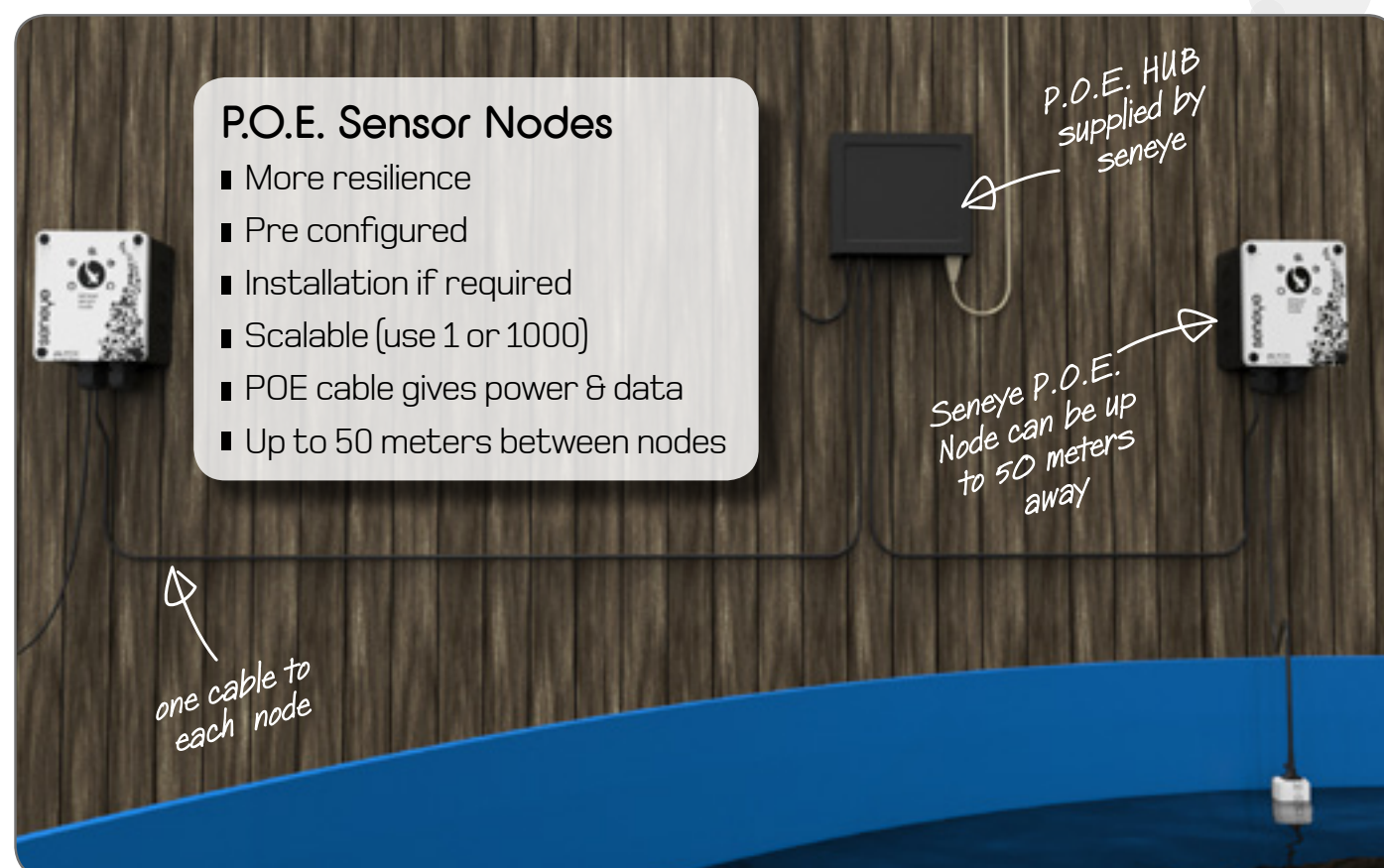
seneye NODE

Various fixings allow it to clips on the tank sides or screw to the wall

Tough, tamper-proof and waterproof, perfect for hostile environments or public areas
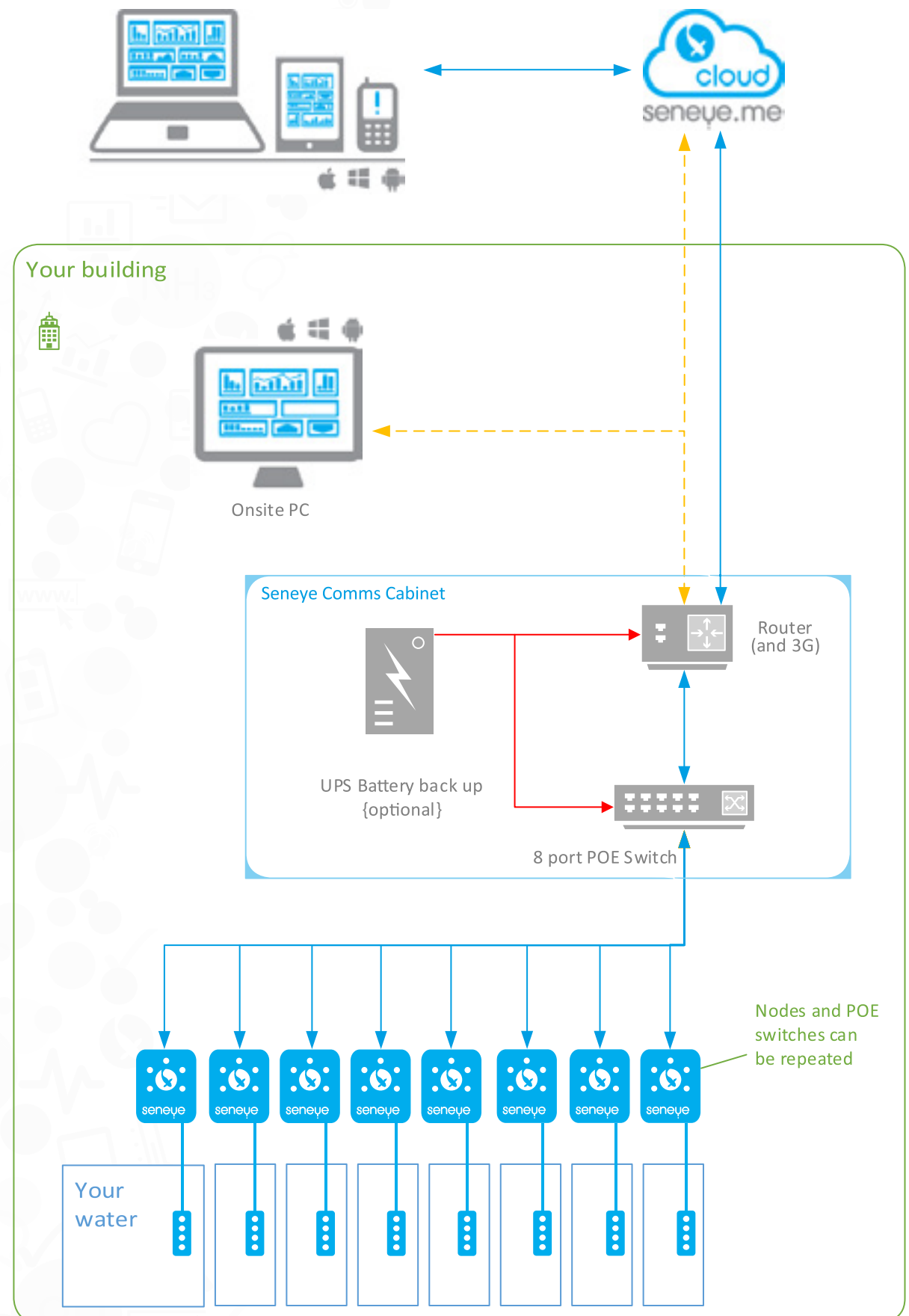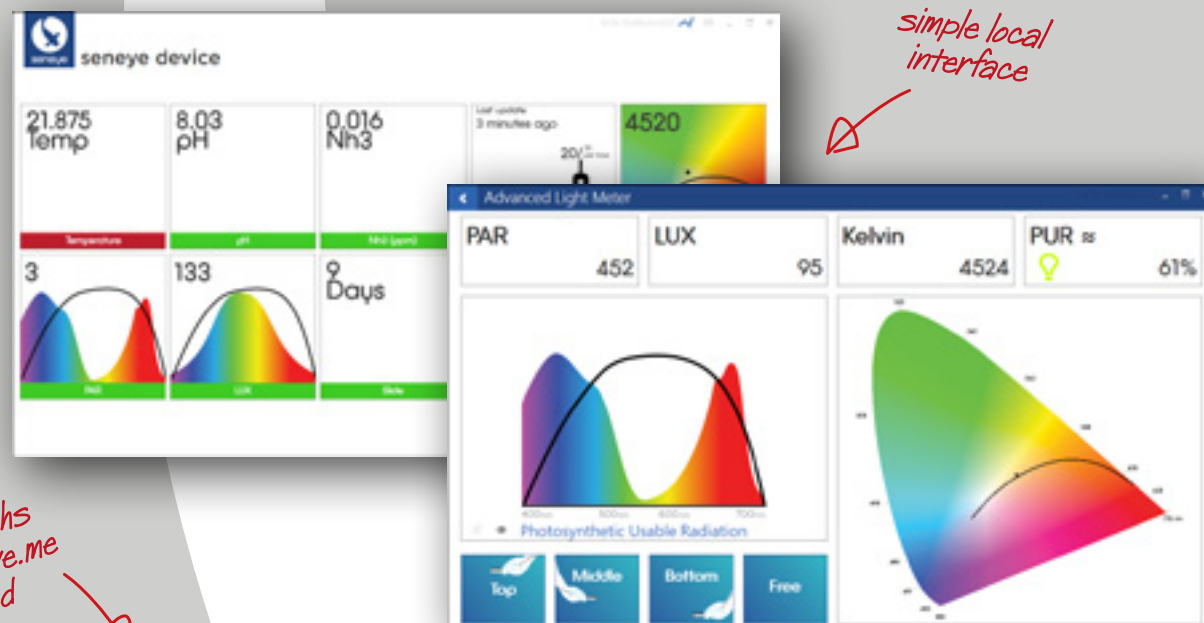
Safe Low voltage

Works on industry standard Power Over Ethernet (P.O.E.) System

Expansion ports for extra seneye sensors

seneye sensor node

48v P.O.E.
Do Not Open

my reef tank
14:26

Temperature

pH   24.2°C

NH3   8.46

NH4   0.001 mg/l (ppm)

O2   7.52

Lux   8.3

Par   22.0

Kelvin   0.5

            5,943.0

160mm

140mm

Example of a managed seneye P.O.E. Node system

cloud
seneye.me

Your building

Onsite PC

Seneye Comms Cabinet

UPS Battery back up {optional}

Router (and 3G)

8 port POE Switch

Nodes and POE switches can be repeated

seneye

Your water

seneye software

simple local interface

full graphs at seneye.me cloud

try a demo at:
www.seneye.me/demo

Whats new in Version 2?

- New V2 seneye connect for PC
- New V2 SWS updates
- USB devices shipped with V2 firmware
- Servers updated and increase in cloud

V2 Improves

- responsiveness
- stability
- accuracy
- alerts

Mini case study - MAWD, SEA LIFE

Many zoos and public aquariums worldwide work with Seneye to help them log water parameters outlined by the Zoo License requirements as well as helping their aquarists make informed decisions. They choose Seneye because our alert system allows for early interventions, often preventing costly losses or downtime. When the Merlin Animal Welfare and Development (MAWD) team part of SEA LIFE Centres asked for help, Seneye were only too happy get involved.
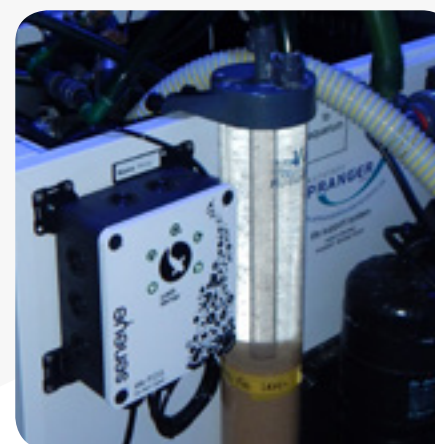

After a site visit, a Seneye proposal and costing was produced. Due to the nature and value of livestock a Seneye P.O.E. network was chosen, with a managed internet connection and full battery back-up. Installation took two days and a node was deployed on each key system (not each tank). MAWD's Seneye system is smart enough to communicate with the aquarists outside the building, and even in the event of a power cut or drop off internet they will still be alerted!

"the Seneye system is saving us precious time, and has really enhanced the way we manage our tanks and systems"

- Jo Cole, SEA LIFE, MAWD.
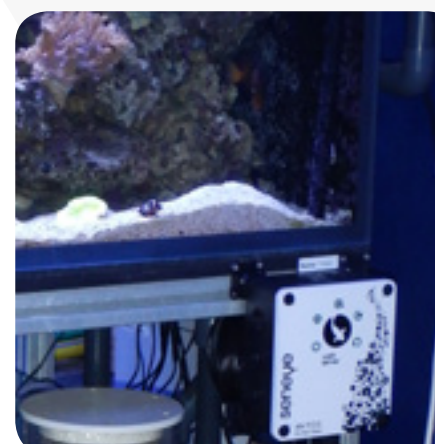
Seneye engineers manage all of the I.T. and can even remotely manage the system should MAWD require any changes. Healthy fish keeping starts with a stable environment this can be ensured by constant monitoring; Seneye enables you to spend more time being aquarists and doing important research projects.

Distributor details

Follow link for
full catalogue

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