AQUAMONIX
SOLUTIONS

SMART SOLUTIONS FOR FLOODING

KEEPING WATCH FOR AUSTRALIA

ENVIRONMENTAL   DISASTER   INFRASTRUCTURE   DATA

Mitigating flood risk? We have the solution

Aquamonix Solutions is Australia's pre-eminent provider of flood technology. We believe that by moving from reactive to proactive through the provision of reliable data and critical warnings we can significantly reduce the loss of life, property and economic burden.

We understand that lives depend on our systems – They cannot fail & they must be supported. With built in diagnostics and redundancies, we build engineered solutions to work when they need to. Empowering you to prepare, manage and respond to natural disasters.

enSign – Flooded Road Warning Signs

Aquamonix supplies and installs smart flooded road warning solutions for councils, state government departments, road authorities and bulk water management authorities.

FEATURES

- Engineered certified designs
- Variable message signs (VMS)
- Flashing beacons
- Boom gates

- Disaster dashboard integration
- Camera streams
- Water level & local activation
- Remote activation (SMS & cloud based)

enFEWS – Flood Early Warning Stations

Aquamonix has been installing components of the 'total flood warning system' to communities across Australia & the world for over 30 years. We deliver systems with the knowledge that lives depend on them.

FEATURES

- Bureau spec systems
- Entry level systems
- Cameras
- Water quality sondes

- Atmospheric sensors
- Soil moisture probes
- Stormwater monitoring
- Disaster dashboard integration

enVision – Flood Cameras

Aquamonix provides a range of solar powered camera solutions for flood and asset monitoring. With Edge and server-side water detection analytics and the ability to seamlessly integrate with any disaster dashboard, enVision is Australia's premier floodcam solution.

FEATURES

- Disaster dashboard integration
- Live control
- Time & water level based capture
- Pan Tilt Zoom (PTZ) – 360° vision
- Infra-red (IR) night imagery

- Smart Analytics – Detection, recognition, tracking
- Level & Flow measurement
- Rapid deployment units

enSure – Flood Warning Sirens

Aquamonix designs and delivers warning sirens and alert systems for advanced mass notification of extreme weather events. Ensuring affected residents and early responders are activated into the right actions.

FEATURES

- Engineered certified designs
- Custom tones & voice messages
- Sounds levels of 70dB to 110dB at 3km to 8km
- Rapid deployment sirens
- Self-diagnostic silent tests
- Local activation & control panels
- Remote activation (SMS & cloud based)
- Water level or algorithm activated

envault – Your data, your way

Aquamonix Solutions' preferred cloud-based environmental data management platform – envault is the perfect hub for all your flood data. Your single source for situational awareness, environmental intelligence and real-time critical decision-making.

Go beyond data collection, storage and presentation and let envault put automation and control at your fingertips. Your data, your way.

FEATURES

- Device agnostic
- Real time alarming, control and automation
- Predictive algorithms
- Camera / image analytics

Realtime
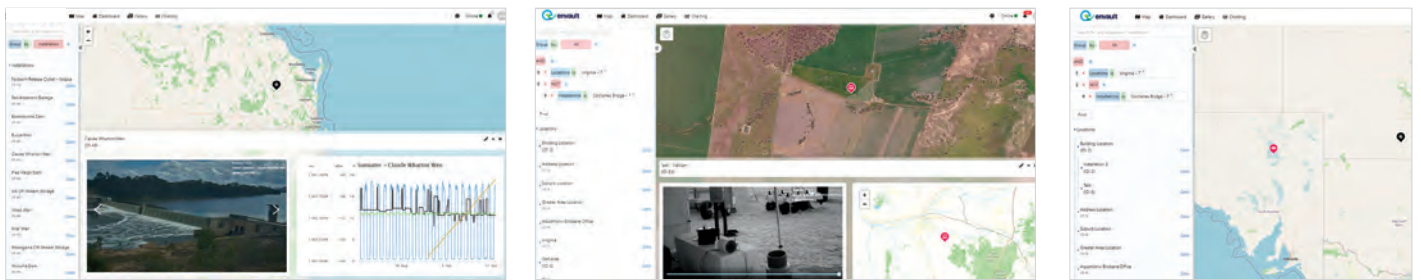Real time data for instant insights and action

Reliable
Reliable uptime with global access

Flexible
Bespoke data management solutions

Collaborative
Share data across organisations and platforms

Monitoring, automation, control, and analytics in one platform

Connect to any hardware in real-time for reliable reporting, control and critical decision-making.

1. Measure
Connect to any data, device or sensor at any location

2. Monitor
Analyse, evaluate and create customisable reports

3. Master
Control your site and data from any web-enabled device

About Aquamonix Solutions

Aquamonix Solutions is a leading provider of innovative environmental monitoring and control solutions, delivering engineered and trusted systems across four core disciplines: environmental, disaster, infrastructure and data. We design, build and support environmental monitoring networks, providing robust, low powered, cost effective solutions to meet a wide range of exacting requirements. With over 10,000 remote deployments over 25 years – we have environmental monitoring covered.

At our core, we solve problems. You know the data you need. We know how to measure it, manage it, display it and use it. From concept design to data driven control and warnings our focus is on understanding your needs, crafting bespoke solutions and delivering service reliability.

AUSTRALIAN MADE
Licence ID: 15075

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