Why ELPRO Technologies' Alert Range

The **ELPRO Alert products** are the most trusted, adaptable, and life-saving choice for environmental and hazard warning systems.

When lives, assets, and communities are on the line, "close enough" isn't good enough. Early detection and timely alerts are the first line of defence against disasters — whether it's a flood, dam failure, severe weather event, or environmental hazard.

That's why ELPRO Technologies developed the **Alert range:** an integrated suite of industrial-grade warning, monitoring, and control solutions designed to perform reliably in the harshest conditions, ensuring **the right information reaches the right people at the right time**.

For government agencies, utilities, councils, and industrial operators, the Alert range provides peace of mind that comes from **proven field performance** and **rapid**, **dependable communication** in critical moments.

Designed for moments when seconds matter.

The Alert range isn't adapted from consumer tech — it's purpose-built for **environmental monitoring, flood warning, and safety-critical alerts** in challenging real-world environments.

Key capabilities include:

- **Multi-channel warning delivery** — integrates sirens, signage, SMS, voice, email, and SCADA notifications for broad and targeted reach.
- **Smart sensing and triggering** — supports water level, rainfall, weather station, and other hazard sensors for automatic activation.
- **Reliable long-range communications** — licensed, licence-free, cellular, satellite, and IP connectivity options for redundancy.
- **Rugged, all-weather design** — engineered to withstand flooding, extreme temperatures, and high-wind conditions.
- **Simple remote management** — monitor status, run diagnostics, and trigger alerts from anywhere.

Every feature is aimed at **minimising response time** and **maximising system reliability** under pressure.

Cost-effectiveness through readiness and resilience

True cost savings in public safety systems come from **avoiding downtime, preventing damage, and reducing manual intervention**:

- **Reduced field visits** — remote monitoring and control cut operational expenses.
- **Longer equipment lifespan** — industrial build quality means years of dependable service.
- **Scalable deployments** — start small and expand coverage without costly redesigns.
- **Lower integration costs** — flexible communications and protocol support work with existing infrastructure.

When disaster strikes, the cost of system failure is immeasurable. The Alert range's **dependability and service life** ensure a lower total cost of ownership and higher return on preparedness investment.

Future-ready warning networks

Hazard management strategies evolve — your warning system should too. The Alert range is built for adaptability:

- **Easily upgradeable firmware** — deploy new features and communication methods without hardware replacement.
- **Protocol and network flexibility** — compatible with legacy SCADA as well as modern IoT architectures.
- **Hybrid communication paths** — add redundancy with multiple wireless, IP, and cellular channels.

With the Alert range, you can **modernise without jeopardising readiness** — your warning system stays ready, relevant, and reliable.

What users experience in the field

Organisations relying on the Alert range consistently report:

- **Increased community safety** through faster and more targeted warning delivery.
- **Simplified operations** with centralised, remote management.
- **Consistent performance** in extreme weather and remote locations.
- **Confidence in compliance** with regulatory requirements for hazard notification.

A proven safeguard for people and property

If your project demands a warning system that works the first time, every time, **ELPRO's Alert range** delivers — with the ruggedness, connectivity, and intelligence needed to protect lives and infrastructure.

Contact the ELPRO team to arrange a technical briefing or system demonstration and see how the Alert range can become the cornerstone of your hazard preparedness strategy.

Brett C. Haysom

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Brett C. Haysom
ELPRO Technologies
29 Lathe Street
Virginia QLD 4014 Australia
Tel: +61 7 3352 8600
www.elprotech.com