



eWS

Environment • Water • Geotechnical • Data

Capability Statement



“ Empowering Decisions Through Data For the Future of Our Natural World ”

World Leading Monitoring Technology For Deeper Insights

EWS is the Global Leader in satellite and cellular communication IoT monitoring technology for groundwater, surface water, environmental, weather, and geotechnical monitoring applications.

EWS devices' multi-communication capability enables connectivity from anywhere on Earth and ensures reliable delivery of critical data to your desktop.

The cutting edge innovation in monitoring technology is designed to enable the scale up of monitoring networks, empowering decisions through data for the future of our natural world.





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We are EWS

EWS was founded in 2014 by industry experts in Western Australia, where extreme environmental conditions and isolated sites are common place, driving the company's founding vision to improve remote data capture of the natural world through innovation and technology.

EWS embodies an Industry to Tech philosophy which is reflected in the most advanced and well thought out products the industry has seen. Our experienced team of Hydrologists, Hydrographers, Geotechnical and Environmental Engineers provide a wealth of industry specific knowledge to our expert Electronics, Software, Firmware and Manufacturing engineers to ensure our products are designed to solve real world problems.





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Connect Everywhere

The powerful EWS Device range offers global connectivity over the cellular and Iridium Satellite network meaning your critical monitoring data will transmit from anywhere on Earth.

Certified by the Iridium Satellite Network, EWS technology leverages the sophisticated global constellation of 66 cross-linked Low Earth Orbit (LEO) satellites and ensures maximum connectivity no matter how remote the installation.



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Globally Certified

EWS products are certified to globally recognised quality and compliance standards ensuring the highest level of hardware reliability and performance as well as the most secure data management.



Innovative Technology

EWS design and manufacture the world's premier range of innovative, easy to use, compact and scalable IoT products for remote Environmental and Geotechnical monitoring. Made in Australia for monitoring applications anywhere in the world, the powerful yet simple data capture technology enables enhanced insights into both natural phenomenon and man-made engineering processes and empowers better decision making for sustainable management and regulatory compliance.



e IoT (Environmental IoT)

EWS **Environmental IoT** product suite is designed specifically to simplify Environmental monitoring applications which encompasses weather, groundwater, surface water, water quality, air quality and more.

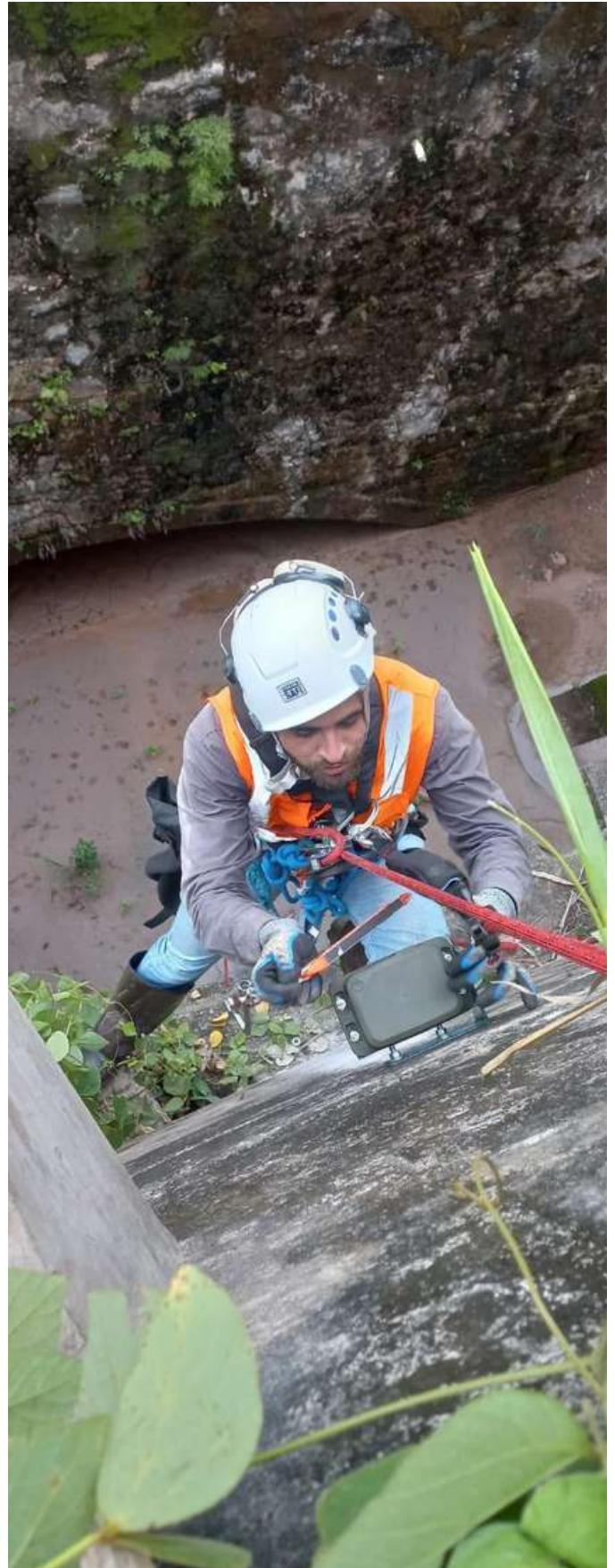
g IoT (Geotechnical IoT)

EWS **Geotechnical IoT** product suite is designed specifically to simplify Geotechnical monitoring applications which encompasses pore pressure, slope stability, structural movement and more.

gIoT (Geotechnical IoT)

The EWS Geotechnical IoT range presents a unique suite of remote monitoring devices that read geotechnical instruments including vibrating wire piezometers, crack-meters and inclinometers and transmit data from anywhere over either cellular or satellite networks. The cutting edge product range also includes the worlds first and only fully wireless triaxial tiltmeter capable of satellite data transmission.

The gIoT range revolutionises geotechnical monitoring for Slope Stability, Tailings Storage Facilities, Rail Deformation, Dam Safety Monitoring and more





eloT (Environmental IoT)

The EWS Environmental IoT range presents a unique suite of remote monitoring devices that read environmental instruments including SDI12, RS485, 4-20mA, and Pulse sensors and transmit data from anywhere over either cellular or satellite networks. The cutting edge product range also includes the worlds most scalable and fit for purpose groundwater monitoring solution the EWS Well-Cap.

The eloT range revolutionises monitoring for a range of environmental applications including Groundwater Resource monitoring, Surface Water Flow and Quality, Weather and Flood warning.

Globally Trusted

EWS monitoring products are globally trusted and preferred by the worlds largest Mining companies, Engineering firms and Government agencies.

With over **15,000** devices deployed **50,000** sensors connected and **Millions** of data points delivered to date, these organisations are leveraging the power of EWS Technology to optimise their operations and move towards a more sustainable future.





Get in touch to find out more
about EWS' world leading
technology

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