

Safeguarding ZEN Energy – A Cyber Security Case Study.

Superloop Penetration Testing Solutions

ZEN Energy is an Australian renewable energy company focused on providing sustainable energy solutions, including solar power systems, battery storage, and electricity retail services. They are Australia's first electricity retailer to have a near-term science-based emissions reduction target in line with limiting global warming to 1.5°C.

Their purpose is to lead communities into the zero-carbon world, helping shape the way we all contribute to the world and our future. ZEN Energy's need for cyber security maturity has grown exponentially as the business accelerates the transition to a renewable energy future by offering affordable and clean energy alternatives to businesses and communities across Australia.

As cyber threats continuously evolve, ensuring the ongoing security and compliance of ZEN Energy's innovation in renewable energy technology, critical infrastructure, customer information and valuable assets was key.

"Superloop's penetration testing services provided us with the insights needed to safeguard our critical systems and customer data. Their approach to cybersecurity is proactive, detailed, and helps us identify and mitigate risks in a way that aligns with our broader goals of sustainability and innovation."



Wes Bloss
Head of Information
and Systems Security



Work anywhere? Secured everywhere. Discover Superloop's Cyber Security.

Copyright © 2024 Superloop Pty Ltd ABN 96 169 263 094

[find out more](#)

The Primary Goal of the engagement

The primary objective of ZEN Energy was to stay ahead of new and emerging vulnerabilities. Penetration testing ensures this by:



Protection of Critical Systems: ZEN Energy's operations rely on critical platforms and systems. Penetration testing helps identify vulnerabilities to ensure they are protected.



Compliance with Industry Standards: Regular penetration testing helps ZEN Energy demonstrate compliance with stringent compliance standards in the energy sector.



Safeguarding Customer Data: As an energy retailer, ZEN Energy handles sensitive customer information. Penetration testing is essential to identify and mitigate risks to this data.



Mitigating the Risk of Cyberattacks: Penetration testing allows ZEN Energy to identify and address weaknesses before they can be exploited, reducing the risk of successful cyberattacks.



Ensuring Business Resilience: Penetration testing helps ensure potential vulnerabilities are discovered and mitigated, supporting uninterrupted operations and business continuity.



Enhancing Customer & Social Trust: In the competitive energy market, trust is crucial. By conducting regular penetration testing, ZEN Energy can reassure customers and stakeholders that their data is secure.



Protecting Intellectual Property: ZEN Energy's innovations in renewable energy are valuable assets. Penetration testing helps safeguard this intellectual property from cyber threats, ensuring it remains secure.

Superloop Penetration Testing Solutions - Value Delivered

- **Scan, Detect and Protect:** Uncovering emerging risks quickly and allowing for well-informed decisions to mitigate vulnerabilities supported by cyber experts on best practices and remediation.
- **Fast, Cost-Effective and Scalable:** A range of solutions designed for business customers that can scale to meet business size and needs. Insurance and board obligations can now be met without breaking the bank.
- **Improved Security, Risk & Compliance Posture:** Proactively uncover vulnerabilities, strengthen your security posture and protect your business against the latest risks using a methodical approach.
- **Security Consultancy and Sector Expertise:** We stay on top of evolving regulations, sector requirements, and technology so that we can guide you on best practices and remediation.
- **Quick to Scope and Easy to Implement:** Access easy-to-read and actionable reporting that's delivered within a week, allowing for proactive decision-making and risk management.

The Customer Transformation Journey

By investing in systematic penetration testing, ZEN Energy strengthens its cybersecurity posture, protects critical assets, and maintains its commitment to providing safe, reliable, and sustainable energy solutions.

Contact us

DAISEY STAMPER

Group Executive,
Business & Wholesale

daisey.stampfer@superloop.com

CHRIS PILGRIM

Sales Director,
Business & Wholesale

chris.pilgrim@superloop.com

Work anywhere? Secured everywhere. Discover Superloop's Cyber Security.

Copyright © 2024 Superloop Pty Ltd ABN 96 169 263 094

[find out more](#)