



Enzen unveils cybersecurity offering for UK critical infrastructure amidst growing concerns about expected attacks

25 May 2022, Solihull, UK: Today, [Enzen](#), the global knowledge enterprise specialising in the energy and water sectors, unveils zenSmartCyber, its new cybersecurity methodology and framework for UK energy and utility businesses across critical national infrastructure (CNI) tackling industry concerns about increased hacking and cyber attacks from both independent and state-backed threats.

The zenSmartCyber model harnesses the first industry-standard framework to assess a business' smart cyber security maturity across 120 core competencies. Following this assessment, the methodology and framework delivers a comprehensive evaluation and identifies where an organisation sits on the smart cyber maturity spectrum, shining a spotlight on vulnerabilities between the current and targeted levels of security.

From here, actions can be derived in order to bolster digital and data maturity and subsequent security requirements to allow a business to accelerate its digital and data advancement safely, while safeguarding security and profit. This also comes at a time when UK businesses are battling against rising threats to cybersecurity, compounded by external factors including the energy crisis and anxieties about Russian-state threats in light of the ongoing conflict.

Steven O'Sullivan, Head of Cyber Services at Enzen, comments: "UK critical national infrastructure systems are evolving from isolated bespoke arrangements to those that use general-purpose computing hosts, IoT sensors, edge computing, wireless networks and artificial intelligence. Although this move improves sensing and control capacity and gives better integration with business requirements, it also increases the



scope for attack from malicious entities that intend to conduct industrial espionage and sabotage against these systems.”

Steven continues: “Put simply, smart technology brings with it new risks, and existing cybersecurity approaches are often found to be outdated and insufficient when it comes to protection and mitigation. Even something as innocuous as a home smart meter needs to be considered with security in mind. We have seen the disruption that can ensue when critical infrastructure is targeted, and with US energy companies on high alert for cyber attacks against the backdrop of Russian threats, the UK needs to follow suit to safeguard its core services.”

ZenSmartCyber marks the beginning of a new approach to cybersecurity, calling for the development of new approaches through collaboration between energy companies, technology providers, academia and governments. This launch marks the beginning of Enzen’s new cybersecurity offerings, providing solutions across cyber, digital and data verticals.

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About Enzen

Enzen is a global, professional, knowledge enterprise that focuses on gaining, refining and sharing expertise in the energy and utility sector. It provides strategic advisory and execution of outcome-driven solutions to over 250+ leading businesses, governments, non-governmental organisations, and not-for-profits.

Enzen aspires to make energy and water accessible, affordable and sustainable for all through innovative models, technology and applications. We work with customers across the value chain to deliver sustainable and lasting improvements to their efficiency and performance, increasing their value to their customers and owners.

Our goal is to support large consumers of energy and water and improve the sustainability of resources by increasing efficiency and optimising existing operations. Besides this, we develop the commercially successful use of renewable resources to deliver a transformative advantage for our customers.



Enzen is unique in providing a wide range of strategic advisory, engineering services and solutions from end-to-end for the power, water, gas and renewable energy sectors, supported by our specialised and unique Centres of Excellence. It's this focus on sector expertise, experience, insights and learning that means we define our employees as 'knowledge practitioners'.

Our expertise practised-knowledge and implementation delivery cover transformation, technology optimisation, smart utility networks, operations, capital efficiency, asset management and mergers and acquisitions, amongst other areas, and helps to deliver high-quality, effective, need-specific solutions.

The business, founded in 2006, has grown to over 4,000 knowledge practitioners and developed across the globe. Enzen now has a presence in Australia, Africa, India, Portugal, Spain, Turkey, the UK and the US and is working on projects in more than 44 countries.

We pride ourselves on innovation, and partner with academia from leading universities as well as think tanks and policy advocates to enable our global network of knowledge practitioners deliver maximum value for our customers consistently.

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