TLS Hygiene

Encrypted communications have become the primary method of communication within the modern enterprise. Digital transformation has brought many benefits for enterprises but has also introduced significant challenges around cryptography and encrypted communications, particularly in encryption hygiene. With the rise of quantum computing, organisations need a robust encryption framework to safeguard against challenges that are upon them as we advance.

Many Governments are building strategies that mandate a complete cryptographic asset discovery. This also influences the private sector, necessitating businesses re-evaluating their encryption strategies. The organisation's responsibility for end-to-end encryption remains ill-defined, leading to potential vulnerabilities and risks. Many organisations lack a consistent encryption standard across their operations, exhibit suboptimal encryption configurations and lack an understanding of their encryption communications. These combined lead to potential security gaps, exploitable vulnerabilities, and susceptibility to breaches and create operational risk by not adhering to regulatory and privacy requirements. Additionally, the lack of skills in cryptography has amplified these challenges.

Venari Security offers a deeper understanding and actionable intelligence about an organisation's encrypted attack surface across various use cases and domains. The solution ensures that a consistent encryption standard is adopted and provides enterprises with insights to understand and mitigate risks and vulnerabilities. Immediately identifying violations allows strong encryption standards to be consistently maintained, reducing business risk and increasing operational effectiveness. The solution is designed for enterprise organisations and easily Integrates into security and compliance workflows, ensuring appropriate teams promptly highlight and address configuration anomalies.

In an era where encryption hygiene is crucial, enterprises need robust solutions to navigate the challenges. Venari Security offers a comprehensive solution that addresses current challenges and prepares businesses for a post-quantum future. Adopting such solutions ensures enterprises remain secure, compliant, and operationally efficient in the evolving landscape. As we move into a quantum computing era, organisations must be prepared and have a crypto-agility strategy to ensure that current encryption strategies are not compromised.

Bridge your knowledge gap.
Visit: www.venarisecurity.com

Venari Security Ltd.

About Venari Security

Venari Security provides organisations with advanced visibility into their encrypted attack surface, ensuring regulatory compliance and privacy adherence through our cryptographic discovery tool.

Our focus is on crypto agility which helps you assess both external and internal cryptographic risks, preparing your business now and for the quantum future.