

11 startups tackling cybersecurity in the UK

Maddyness has selected companies that are considerably strengthening cybersecurity systems by introducing new concepts. Here's a list of some of the most innovative startups in the UK cybersecurity sector.

CyberSmart's mission is to give all UK SMEs the best standard of cybersecurity. They specialise in automated compliance to guarantee their customers continuous protection. CyberSmart provides smart compliance technologies to tackle and enhance outdated manual compliance processes. CyberSmart software is designed to meet recommended Government standards and stop most cyber attacks.

[Discover CyberSmart](#)

Founded in 2015 by serial entrepreneurs Rahul Powar and Randal Pinto, Red Sift is a data-driven cybersecurity business that uses machine learning to help organizations of all sizes and sectors address day-to-day security challenges. It offers a dashboard of tools that analyze and synthesize data from core business processes such as email to help users better manage their online security. The startup's mission is to democratize the technology essential for cybersecurity and includes impressive clients such as TransferWise, Telefonica, Action for Children, and a number of top UK law firms.

Discover Red Sift

RazorSecure focuses on cyber protection for transport systems. When a threat breaches the traditional security walls, RazorSecure Delta software actively detects, reports and protects the system in real-time. RazorSecure has partnered with manufacturers and system suppliers to provide a fully approved software solution that can be easily deployed with existing hardware.

Discover RazorSecure

The Senseon platform is a unique and innovative AI-led approach to cyber threat detection. Senseon offers security teams visibility across their organisations, enabling the detection of even the most subtle and complex of cyberattacks. By alerting accurately on genuine threats, Senseon dramatically reduces false-positive alerts.

Discover Senseon

CyNation is a risk management company whose aim to manage the risks inherent in supply chains and third-party ecosystems. Its platform, CyDesk, automates the processes involved in managing risk and provides organisations with real-time visibility of the risk exposure from their supply chain and third-parties. CyDesk combines cybersecurity, compliance and other business risks into a single dashboard. The platform's flexible design caters for regulations and external business risks to be tailored to the client requirements.

Discover CyNation

ThreatInformer provides clear and actionable cyber risk data to brokers, underwriters and reinsurers. Brokers can use ThreatInformer's data to engage with their clients on cyber risk and underwriters are able to assess the risk to specific assets as well as managing risk across their portfolio. Reinsurers can manage cedant disclosure, get aggregate data that goes beyond geography, class, and industry, and create a concrete foundation for their cyber risk models.

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AimBrain aims to detect and stop more fraud before it impacts a business. As industrialised fraud demands a powerful defence against the impact of breached credentials from bot attacks and hacked accounts, AimBrain enables the use of invisible and visible biometric tools to defend a business against bad users and fraud.

Discover AimBrain

CallSign detects threats such as malware by using thousands of data points such as typing or swiping techniques, location, online habits, facial recognition, devices, and even passwords. CallSign can determine if someone is who they say they are and detect behaviours. Most of these data points are friction-free for the user and the startup knows if someone's behaviour is within their normal pattern. Where there is something abnormal CallSign proceeds to further tests, avoiding a rules-based approach that can be replicated by attackers.

Discover CallSign

Tessian is building the world's first Human Layer Security platform to secure all human-digital interactions within a business. The company's products use machine-learning to protect people using email and to prevent threats like spear-phishing, accidental data loss due to misdirected emails, data exfiltration and other non-compliant email activity.

Discover Tessian

CybSafe is a smart online security awareness platform. It helps organisations

meet their compliance requirements, measure and improve employee cybersecurity behaviours and attitudes. Cybsafe software delivers support and assistance when users need it most, uses data and behavioural science to improve the security behaviours and attitudes. It makes these processes easier, cheaper and less time consuming to ensure the security behaviours you want are being adopted across your organisation.

[Discover CybSafe](#)

SaltDNA aims to protect your right to privacy by keeping conversations between executives, customers and partners private. Whether you're texting, calling, or accessing data from a mobile device, SaltDNA provides businesses with the tools to communicate globally and with complete privacy thus empowering businesses to communicate within the confines of a completely secure network.

[Discover SaltDNA](#)

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