



Cyber Consultancy Services

Our consulting team combines engineering and cyber security expertise, reflecting our team's deep and broad experience, who have backgrounds in the security, defence, and consulting sectors.

We apply our technical expertise and experience to help our customers with their technical and cyber security problems to:

- **Build** secure platforms, systems, and applications.
- **Discover** assets and resources.
- **Test** the security of your applications, networks, infrastructure, and devices.
- **Improve** your cyber security maturity and understanding.



Our consulting team feeds ideas and customer requirements to our engineering team, who use this information to improve our products, Hexiosec ASM and Hexiosec Transfer.



Build

Cloud Design and Architecture

Regardless of where you are in the design and build process, we work with your requirements to produce the most secure and performant design and architecture. Whether it's a new design, a re-design or a port, we apply engineering and security best practices to produce a secure design using the latest cloud technologies.

Cloud Infrastructure Build

Security concerns should not prevent anyone from taking advantage of cloud technologies. We can build a new infrastructure to get you started in the cloud with a secure design and best practices. We help you refine and implement the functional and security requirements—typical deployments include Single Sign-On and SIEM integration. We have experience with all the major providers.

Cloud Application Development

Whether developing a new application, rebuilding an existing one, or moving from on-premises, we build performant, scalable, and secure applications in the cloud. We have experience with all major cloud platforms, key technologies, and authentication providers.

Firmware Development

With a background in building products in the defence industry, our engineers are experts in secure FPGA, firmware, and embedded systems development. We have experience in a range of communications, radio frequency, and signal processing applications on industry-standard and bespoke platforms.

AI Implementation

We help customers understand how to use large language models (LLMs) in a secure and controlled way, so they can take advantage of the latest innovations. We can also help build solutions to take advantage of new AI technologies, using their own data to create bespoke AI solutions.



Discover

Online Risk Assessment

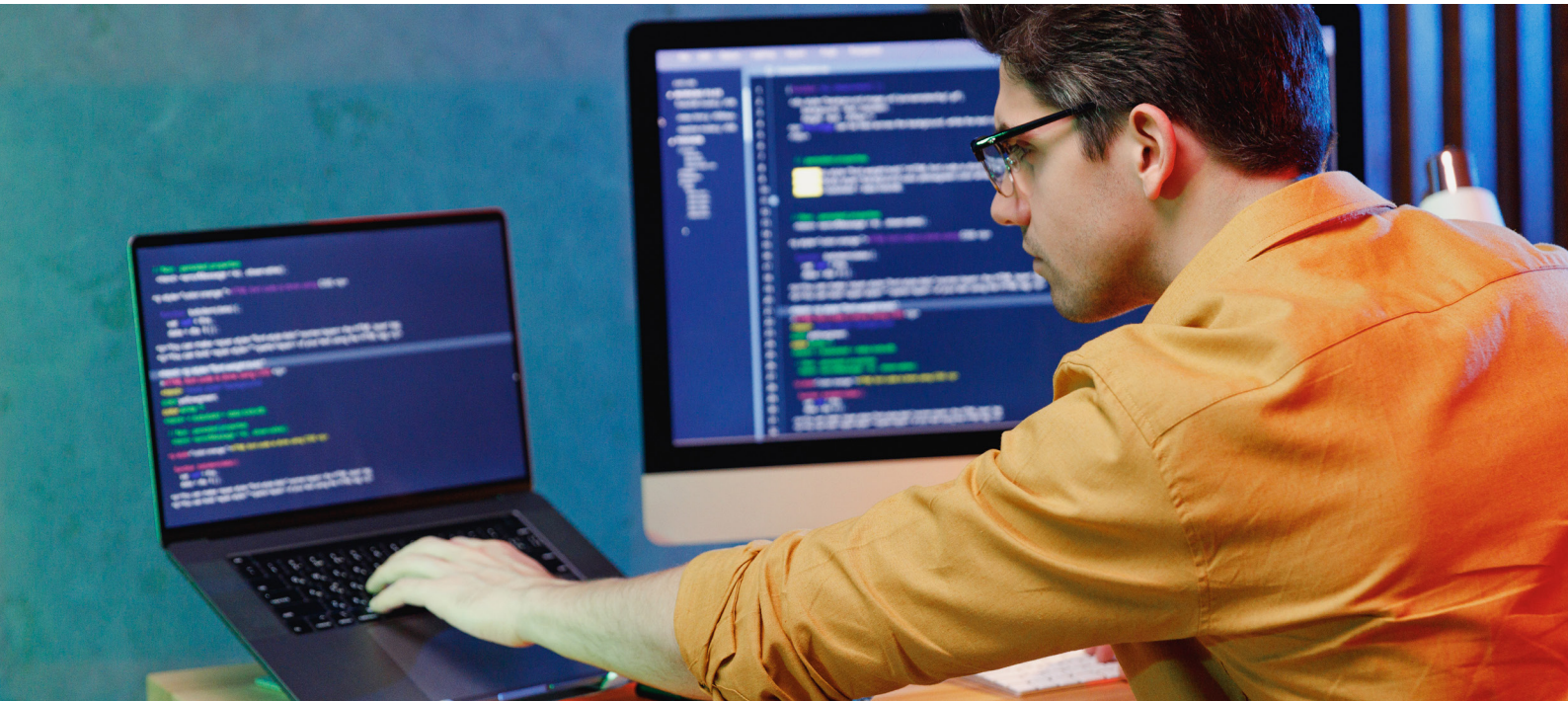
Using our Hexiosec ASM platform and other active techniques, we can quickly discover your online assets to enumerate your online attack surface, and help you understand your online risks and how they can be reduced.

External Vulnerability Assessment

As well as discovering your internet-facing assets, we have an established process to test them with a range of active testing tools and techniques, including bespoke and industry-standard vulnerability scanners.

Internal Vulnerability Assessment

We survey internal networks to discover assets and vulnerabilities that an attacker inside your network could exploit. A review of the network design and Wi-Fi configuration often complements such tests.



Test

Application Security Test

We combine our development and security expertise to complete pragmatic application penetration tests. We test web and mobile applications and APIs to any agreed-upon scope. Some tests include elements of code and process review for a more holistic approach to secure application development.

Endpoint Security Test

Whether on Windows, macOS, or mobile devices, we can complete technical security testing on user devices to validate the installed endpoint protection, detection, and alert against common threats. We can also review and implement device management policies to improve existing protections.

Office Platform Security Review

Your office platform is vital to your business's success. We can complete a holistic security review of all key parts of Microsoft 365 and Google Workspace environments and compare them to industry best practices for security.

Cloud Security Test

We offer holistic and focused cloud security reviews for all major cloud providers. From a general review against security best practices to a focussed red-team test or Infrastructure as Code review, we can help you test and improve the security of your cloud platform.

Smart Contract Review

Smart contracts are quickly becoming an essential part of modern business agreements. We can perform smart contract reviews to identify logical and security flaws that may result in monetary or reputational loss.

Test

AI Security Test

AI has the potential to streamline modern business functions. However, security is often forgotten as AI is quickly developed and integrated into business systems. Whether a custom-built LLM or an off-the-shelf integration, we can test your AI systems to ensure they meet security best practices. We can also aid in the creation of security policies to allow you to use AI securely within your business.

Active Directory Test

Active Directory is at the heart of business and enterprise networks. We can assess Active Directory for common vulnerabilities and perform attack path analysis to identify routes an attacker would take to compromise critical areas of your business.

Wireless Security Test

All modern offices require wireless networking to thrive, but this reliance is not without risks. We can perform onsite wireless security reviews to identify key risks within your wireless configurations, hardware, and network topologies.

Hardware Security Test

We can scope and deliver tests of hardware platforms and products by combining our engineering and security expertise. Whether consumer or industrial, we can test what an attacker can achieve if they get their hands on your devices. Hardware tests typically look at network traffic, physical ports and interfaces, secure storage, software and firmware updates, and firmware configuration.





Improve

Cyber Advisory

For organisations without full-time cyber security support, we can provide ad hoc advice, policy development, research, and support to help with cyber security decision-making and deployment.

Cyber Security Maturity Assessment

For those unsure of their organisation's cyber security maturity, we can scope a review to consider as many elements as you need. These engagements often involve a variety of the services detailed above, combined to deliver an understanding of an organisation's holistic security and identify key areas for improvement.

DevSecOps Review

Bringing our experience and approach to building secure applications, we can help improve the processes and technologies behind everything you build and deploy to make security a crucial part of everyday development. In addition to the systematic approach, we can complement a review with targeted code reviews and analysis.

Bespoke Research

We can help solve your most challenging technical problems. Whether in-depth & technical or high-level, we can deliver expert cyber security research.