



NEXOR[®]

EXPERTS IN SECURE INFORMATION EXCHANGE

SERVICES OVERVIEW

ABOUT NEXOR

Nexor is a secure information exchange specialist offering High Assurance threat and risk mitigation expertise and solutions into complex and restricted networks globally. Our customers benefit from subject matter experts on NCSC import/export patterns and High Assurance principles, who are trusted to lead MOD research projects into the future of cross domain technology. Nexor's agile development capability also complements our advisory services to ensure that the solutions we provide are tailored to enable our customers' business and security objectives, adeptly balancing risk with budget and functionality.

Trust in the confidentiality, integrity, and availability of information is essential for an organisation to operate in the digital world, so we work closely with our customers to design solutions that follow Secure By Design principles and implement robust security controls appropriate to their cyber risk profile. Nexor's cyber security experts offer CISO level expertise with the ability to communicate effectively with a range of technical and non technical stakeholders from the board down. This combination of business and technical knowledge will help your organisation balance its business and security objectives according to budget and risk appetite, through definition of appropriate cyber security controls that enable business functions and strategic visions.

Nexor's cyber security advisory services are delivered by qualified industry professionals and are aligned with National Cyber Security Centre methodologies and guidance. Each service is regularly reviewed, ensuring it remains up to date with the latest best practice.

Nexor boasts multiple information security accreditations, including Cyber Essentials Plus, ISO 27001, and ISO 9001. Our Investors in People Gold accreditation demonstrates Nexor's commitment to maintaining and upgrading the skillset of our employees.

CYBER SECURITY ADVISORY SERVICES

In today's environment CISOs and other key stakeholders within an organisation are now generally aware of the impacts that cyber security issues can have. However, it is far more complex to understand the risks you face, the risks you are willing to accept, and often even harder to competently mitigate against or otherwise address these risks.

Nexor's advisory services are designed to support your organisation throughout the business lifecycle, from assessment and strategy through to resilience and continuity, and work with senior leaders and board members to ensure alignment on the threats faced, then flow that down into teams to put plans in place and take appropriate actions.

We offer the following services:

SECURITY ASSESSMENT SERVICES

Cyber security assessments require a range of security assessment tools and techniques to determine the security posture of an organisation. Nexor's security assessment services consider the threats facing an organisation and its ability to respond to them and provide a bespoke cyber security assessment service tailored to the needs of your organisation. Leading on from the assessment, Nexor's consultants will provide mitigation advice and develop security improvement plans to help you move forward. Security Assessment Services can range from supporting major Defence programmes as domain specialists, to a short threat/risk assessment for a small organisation.

CYBER STRATEGY AND STANDARDS

Nexor consultants can define your organisation's approach to cyber security through creation and/or implementation of a robust cyber security strategy based on your business context and risk profile. This will include identification of and adherence to relevant standards that enable business opportunities and provide customer confidence in your organisation's cyber resilience.



CYBER SECURITY ADVISORY SERVICES CONT.

SECURITY POLICY DEFINITION / DEVELOPMENT / REVIEW

Effective security management requires a set of security policies to define the protocols for protecting a company's information and computers. These policies are then enacted through a set of supporting procedures. Defining these policies requires insight into how a business operates and its ways of working. While many sites offer "free" templates, these need considerable work to fit the business needs. This customisation requires expertise which, in many cases, organisations do not have available. To meet this demand Nexor offers short term, expert support, to develop or update a set of tailored policies and their underlying procedures. This can cover design, documentation, and implementation.

SECURE INFORMATION EXCHANGE SOLUTION DESIGN

Nexor offers advisory services covering the full development lifecycle of a secure information exchange solution. After working with the client to understand and document the business goals and requirements, we then help our customers fully understand their information flows and how they fit into their organisation's operational architecture. From this we can facilitate the design of suitable architectures and solutions that support the necessary data flows to enable efficient and secure operations.

Nexor will also identify any threats and risks that would need to be managed in allowing the appropriate trade-off between confidentiality, availability, usability, and integrity of data. Nexor consultants can then assess the application architecture by building a picture of all the required data flows, and on a per-data flow basis, identify the specific security policy that needs to be enforced to enable that flow. Nexor also offers Zero Trust Solution design services, whether your organisation is already starting to use Zero Trust, or considering transitioning over from more traditional approaches, Nexor consultants can help you understand the complexities and benefits of adopting Zero Trust Principles.



RESEARCH, DESIGN & PROTOTYPING

Organisations in the Defence and Security sectors are constantly having to juggle the rapid pace at which technology develops, business and operational needs change, and the threat landscape evolves. These challenges necessitate a different approach to security and information management, and often there isn't an off the shelf solution that meets the future needs of an organisation.

Nexor's Research, Design and Prototyping services are built on a successful track record of leading and delivering research projects on behalf of Defence and Security organisations. They involve working closely with our customers to help clearly define the problem that needs solving as the essential starting point in order to ensure the right design is reached. Once the problem is well understood, then research into the 'art of the possible', design and prototype services can then be provided, enabling the customer to have a clear view of what to procure and how to implement and operate that solution in the future.

We offer the following services:

PROBLEM DEFINITION AND ASSESSMENT

Customers recognise at a fundamental level what they want to achieve; however, understanding the issues that prevent them from realising their aims may require a deeper level of expertise. Nexor consultants will help you identify the barriers to success and provide recommendations in using appropriate approaches in order to remove or bypass issues and roadblocks.

PRIOR KNOWLEDGE COLLATION

When you are not experts in a particular field of research it is easy to fall behind on the latest developments. Therefore, it is entirely possible that your information exchange problem has already been either fully or partially solved. Nexor's consultants will investigate prior research from academia and industry on your behalf to understand what is currently possible based on the market today and identify the best approach for moving forward.



RESEARCH, DESIGN & PROTOTYPING CONT.

INVESTIGATIVE RESEARCH

Where prior research is limited or non-existent, Nexor researchers have the capability to carry out new branches of research on behalf of the customer and from this research, create appropriate designs for solutions to customer problems.

RAPID PROTOTYPING

Using agile methodologies and a range of rapid prototyping tools, Nexor are able to rapidly create prototypes that demonstrate the designs and output from our Research service. Through this prototyping work, customers are able to see and evaluate different approaches to solving their problems, enabling them to be more informed on the approaches to take, and fail fast as they evaluate different options

IDENTIFYING INTER-DEPENDENCIES

Before prototypes can be turned into full solutions, the ability to integrate with the customer's systems must be achieved. Nexor consultants will carry out an assessment of the deployment environment to identify potential issues and build an understanding around the changes to the prototype necessary to enable a seamless and speedy integration into this environment.

ACCELERATED DELIVERY AND INTEGRATION

Nexor's solution delivery methodology is designed to integrate solutions into customer systems both effectively and efficiently. Our DevOps capability combined with close collaboration with a customer's operational team enables the rapid deployment of solutions without unduly impacting business operations and allowing the speedy resolution of security issues.



NEXOR LTD
8 THE TRIANGLE
ENTERPRISE WAY
NG2 BUSINESS PARK
NOTTINGHAM
NG2 1AE
UNITED KINGDOM

T: +44 (0) 115 952 0575
E: [INFO@NEXOR.COM](mailto:info@nexor.com)

W: WWW.NEXOR.COM

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