



NEW WORLD TECH

Security as a Service

Access to specialist knowledge and expertise



Protect critical data, hunt down and close security loopholes

NWT's IT Security as a Service (SECaaS) provides on demand access to a multi-disciplinary, highly qualified team of security cleared information security experts with specialist knowledge of industry standards and best practices for information risk management. Operating as an extension of your own internal security team, they can perform assessment audits, advise on achieving industry standards (ISO 27001 / Cyber Essentials) deliver information security strategies, recommend security enhancements and provide technical security advice and mitigation action plans.



As we move to the Digital World, most, if not all organisations rely heavily on their digital environment for the day-to-day processing and management of their business. New remote working patterns, diversified global networks, cross border data transfers, the widespread adoption of cloud computing, infrastructure as a code and continuous delivery all bring with them a set of risks that must be addressed to avoid information security issues and the potentially enormous security debt these could entail.

Operating as an extension of your own internal security team, our experienced, Security Cleared Consultants can perform assessment audits, advise on achieving industry standards, deliver information security strategies, recommend security enhancements and provide technical security advice and mitigation action plans.

The biggest problem we see from our perspective as an external security Consultant is that business leaders and IT professionals are often frustrated, confused and overwhelmed with ever shifting threat landscape. NWT SECaaS provides the expertise you need, when you need it, so that your own IT and Infosec team can focus their time, training and budgets where it is needed most.

Bringing in specialist external security expertise, from an organisation that will provide an honest, non-biased approach, will enhance your security capabilities and help you hunt down and close security loopholes before they impact your business. Using our proven [Cybersecurity Maturity Model](#), our Consultants will challenge assumptions, conceptions and biases of your ways of working and recommend the best way forward and the outcomes that deliver true business value and increased security state.

Features

- Information Security Auditing and threat assessments to discover your overall security posture
- Deliver strategies to protect critical data, hunt down and close security loopholes
- Ensure alignment with the latest regulations and compliance requirements, such as GDPR, ISO27001 and Cyber Essentials
- Recommend security enhancements particularly with cloud solutions, hybrid environments and BYOD challenges
- Help you to respond to security-related incidents and provide thorough post-event analysis
- Advice on monitoring networks for security breaches and investigating breaches
- Perform vulnerability, network scanning assessments and penetration testing
- Advise on information security risks in infrastructure, process and project implementations.

Benefits

- Assist clients with a 360-degree view of their information security risk posture
- Protects business information assets to avoid data breaches, Information security incidents and damage to the company's reputation.
- Demonstrates to customers and suppliers that you are secure
- Robust and efficient information security – work with the latest security tools and resources
- Alignment of security measures with business needs
- Easy and simple access to expert resources on demand for strategic or operational security requirements
- Helps to establish cyber security priorities
- Achieve industry recognised standards (such as Cyber Essentials and ISO 27001).



NWT has considerable experience in the design and setup of ultra-secure business IT systems and processes. Within our SECaaS, we provide a range of stand-alone services that are designed to elevate your security capabilities and develop best practice leading to certification against Cyber Essentials, ISO 27001 and other standard bodies. Our Certified Security Consultants and engineers design and oversee innovative security solutions that help all stakeholders feel more confident in the strategies deployed. Whether part-time, full-time, long-term, short-term, in person or virtually, NWT has a tailored solution to fit your organisation based on your immediately acute and long-term objectives.

There are many different roles that a Security Consultant can fill and these vary from one organisation to another, but typical client engagements include:

- **Security Audit:** Performing a security maturity assessment, which provides a clear benchmark of current security capabilities and can be used to build a roadmap and strategy depending on risk appetite. In addition, the output provides clear and actionable results including budget numbers and a plan for improvement.
- **HIPS Service:** Our host intrusion prevention system (HIPS) service places multiple guards behind the front line of each system protecting from internal attacks. If the attack is serious, our highly trained cyber security analysts will remove the machine and investigate the cause.
- **Advanced Inspection Service:** Our IPS/IDS service protects your network. With around the clock support from our team, we ensure all traffic going in and out of your network is analysed, and any malicious traffic is stopped and permanently blocked.
- **Firewall and Load Balancers:** Checkpoint and Cisco devices form the heart of our offering, deployment and ongoing management and monitoring of these devices in line with best practice and compliance requirements.
- **Patching Services:** Pushes any new updates published by the vendor to your machines automatically. Deploying the patches as soon as they are released means any exploits taking place will be prevented quickly.
- **Penetration Testing:** Vulnerability tests are run on an agreed customer target list of addresses, run from internal and external sources using a multitude of industry tools and scanners. The testing outputs are combined into a vulnerability report which is shared with you and tracked to resolution.
- **SIEM Service:** Our SIEM service provides a unified view of your network by pulling together all your different services and applications used within your infrastructure. We monitor your network to ensure no attacks are happening or trying to happen.
- **Risk Management:** Establish, operate, and maintain an enterprise cybersecurity risk management programme to identify, analyse, and mitigate cybersecurity risk to the organisation, including its business units, subsidiaries, related interconnected infrastructure, and stakeholders.





- **Asset, Change, and Configuration Management:** Manages your IT and OT assets, including both hardware and software, commensurate with the risk to critical infrastructure and organisational objectives.
- **Identity and Access Management:** Creates and manages identities for entities that may be granted logical or physical access to the your asset and then controls access commensurate with the risk to critical infrastructure and organisational objectives.
- **Threat and Vulnerability Management:** Establishes and maintains plans, procedures, and technologies to detect identify, analyse, manage, and respond to cybersecurity threats and vulnerabilities, commensurate with risk and organisational objectives.
- **Situational Awareness:** Establishes and maintains activities and technologies to collect, analyse, alarm, present, and use operational and cybersecurity information, to form a common operating picture.
- **Information Sharing and Communications:** Establish and maintain relationships with internal and external entities to collect and provide cybersecurity information, including threats and vulnerabilities, to reduce risks and to increase operational resilience, commensurate with the risk to critical infrastructure and organisational objectives.
- **Event and Incident Response, Continuity of Operations:** Establish and maintain plans, procedures, and technologies to detect, analyse, and respond to cybersecurity events and to sustain operations throughout a cybersecurity event, commensurate with the risk to critical infrastructure and organisational objectives.
- **Supply Chain and External Dependencies Management:** Establish and maintain controls to manage the cybersecurity risks associated with services and assets that are dependent on external entities, commensurate with the risk to critical infrastructure and organisational objectives.
- **Workforce Management:** Establish and maintain plans, procedures, technologies, and controls to create a culture of cybersecurity and to ensure the ongoing suitability and competence of personnel, commensurate with the risk to critical infrastructure and organisational objectives.
- **Cybersecurity Programme Management:** Establish and maintain an enterprise cybersecurity program that provides, strategic planning, and sponsorship for the organisation's cybersecurity activities in a manner that aligns cybersecurity objectives with the organisation's strategic objectives and the risk to critical infrastructure.
- **Certification as a service:** Develop programs to assist organisations build quality and information security management systems leading to ISO 27001 Cyber Essentials and other information security standards.



Why NWT?

NWT will provide highly-experienced IT Security Consultants located in globally diverse delivery centres to effectively guide, manage and support high-visibility IT Security initiatives. We offer flexible staffing levels to support variations in your project workload.



Whether they are developing a security strategy, leading a programme of work or a complete digital transformation, our Consultants always take time to fully understand your culture, processes, skillsets, leadership and customers so they can shape a project in a way that wins the hearts and minds of every stakeholder.

Our Consultants have real world experience that enables them, and you, to make the right decisions at the right time. They can also draw on the wider expertise and resources of our strategic alliance partners, bringing together the collective team's innovative thinking, to deliver today's digital imperatives.

Working in partnership with your own internal team, our Consultants will apply extensive experience and innovative thinking to help you deliver your strategic imperatives.

We know that it is a daunting task to devise and implement the complex transformation programmes which are necessary in making the change to digital. NWT is happy to share our experience to support you in both designing and delivering successful programmes of work. We pride ourselves in the intelligent application of appropriate methodologies to enable defined outcomes that deliver the changes required by your organisation.

Our core values are simplifying the complex, sharing knowledge and expertise and an unswerving commitment to doing what is right. These values help us remain focused on working as a team to serve our clients and deliver beyond their expectations.

We recognise our clients need both long-term, programme-based, multi-person engagements and short-term, short-notice, single person engagements, which is why NWT adopts a flexible engagement approach which can deliver either.



NWT CTOaaS provides either an individual Security Consultant or a high-calibre multi-talented team to help you stay ahead of the technology curve and turn disruptions and challenges into strategic and operational advantages.

What you can expect from NWT

Expect a senior Security Cleared CTO with considerable industry and public sector experience and a forward thinking ability to challenge the norms who will:

- Expect an experienced IT Security expert with considerable industry and public sector experience
- A collaborative and empathetic approach to working with you and your organisation successfully
- Pragmatism born from real world leadership experience
- Direct, honest assessment of your current context – we will be your critical friend
- Deep understanding of current UK Digital and Technology policy's
- Advice on implementation of the Service Standard and Technology Code of Practice
- Flexible deployment and transparent commercial options designed around your needs.

Our way of working

Prior to the commencement of provision of any service procured under the G-Cloud framework, we request that you provide a completed Purchase Order and Call-Off Contract. We are happy to receive these electronically and are also happy to commence work with a Letter of Intent which indicates that the Purchase Order and Call-Off Contract are being prepared.

All services are invoiced monthly in arrears. Payment terms are 30 days net of date of invoice. Invoices are based on agreed outcomes and deliverables using our published SFIA rate card.

Our onboarding process

Once a purchase order has been received, we will engage with the nominated client point of contact to arrange an engagement start-up meeting with the programme sponsor and other relevant stakeholders. During this start-up meeting, we confirm the scope of the engagement, the key activities, deliverables and expected outcomes, high-level timescales and the input and engagement required from stakeholders to ensure success.

We will then work in partnership to define and agree a Statement of Work and quickly mobilise the appropriate resources and bring our experts onboard quickly and smoothly.

The specific deliverables of this service are tailored on a per engagement basis to reflect context, scale, drivers, requirements and desired outcomes.

Our offboarding process

Offboarding varies on a per engagement basis to reflect context, client requirements and desired outcomes. Specific activities and deliverables will be defined in detail in the Statement of Work.





Training and knowledge transfer

Typically, NWT takes a “train the trainer” approach throughout any engagements we undertake. Where relevant, your team will be mentored and coached in both the technologies and architectures we are delivering and in how to pass this knowledge on to their colleagues.

We work closely with our clients’ technical staff throughout our engagements, helping them to “learn by doing” and transferring essential skills and knowledge to your in-house team. We can also source and arrange formal training for our clients and their staff via relationships we have in place with key vendors and training providers.

Support

Support is carefully tailored to the engagement and the specific requirements of your organisation.

Remote working

All our services can be delivered remotely if required.

In summary

NWT has provided IT Security support to large organisations and can help you quantify and understand your risks, extend your team resources, help detect and respond to threats, and unify your organisation on security priorities to accelerate your business transformation.

Whether you need short-term assistance to bridge a gap in your migration or transformation capability or a full multi-functional programme team deployed to design and deliver a major transformation, we will apply our wealth of experience to guide you on your digital journey.

To discuss your requirements in more detail, please contact info@newworldtech.io indicating your area of interest and a member of our team will contact you to discuss how we can help you.





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Over the past six years, NWT has utilised its own industry experts coupled with strategic partnerships to offer a range of enterprise-grade Consultancy Services that are designed to help our clients embrace the digital world and modernise their IT. Our experts tap into a wealth of knowledge and expertise gained whilst working at CEO, CTO, CFO and Chief Security Officer level to deliver immediate and sustainable value for our clients.

We have established key strategic partnerships and alliances with world-class organisations in order to create positive outcomes for our clients. Built on a foundation of collaboration, differentiation and innovation, our partner ecosystem underpins and complements our own specialised consulting capabilities and real-world experience enabling us to deliver the right solutions and teams to address the complex, critical business challenges our clients face in a time of unprecedented disruption and change.

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