Network and Information Systems Regulations

by Arcanum Cyber Security

What are the NIS Regulations?

The Network and Information Systems (NIS) Regulations came into force in the UK on 10th May 2018. The NIS Regulations aim to raise levels of the overall security and resilience of network and information systems.

All organisations deemed by the NIS Competent Authorities (CA) to be 'Operators of Essential Services' (OES) are affected and include:

- Digital Infrastructure
- Energy
- Transport
- Water Supply
- Healthcare

NCSC and the NIS Regulations

The National Cyber Security Centre (NCSC) has produced its own Cyber Assessment Framework (CAF). This draws heavily on the work of the National Institute of Standards and Technology (NIST) in its Framework for Improving Critical Infrastructure Cybersecurity, widely known as the Cybersecurity Framework. NCSC strongly recommends that the CAs use the CAF to conduct NIS Regulations audits.

NCSC is promoting the use of individuals and companies certified under one or more of their Professional Services schemes to support the audit process for the CAs and provide appropriate advice to the OES.

Framework:
www.ncsc.gov.uk/guidance/nis-directive-cyber-assessment-framework

What does it mean for the Operators?

The UK CAs are taking a proactive approach by implementing an assessment framework including an audit programme to encourage their respective OES to prevent incidents happening. Most of the CAs have confirmed that they will be implementing the NCSC CAF as their compliance auditing tool.

Several of the CAs have initiated their auditing by instructing OES to assess themselves against the CAF and submit their findings supported by independent assurance from a third party approved by the NCSC.

As an NCSC certified company Arcanum is well placed to support OES with audits and advice.

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Contact Arcanum for NCSC Approved Advice

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Arcanum
CYBER SECURITY

Why Arcanum?

- Our Consultants are individually accredited as CCP Security and Information Risk Advisors by the NCSC and all have at least 12 years' experience in cyber security.
- We are a NCSC Certified Cyber Security Consultancy in both Risk Assessment and Risk Management.
- NCSC is promoting the use of companies like Arcanum who are certified under one or more of their Professional Services schemes to support the audit process for the CAs and provide appropriate advice to the OES.
- We will help your organisation achieve and maintain NIS compliance through the highest level of consultancy and auditing.
- We are an experienced consultancy with a long track record of working within a range of industries.

"The NIS Directive provides legal measures to boost the overall level of cybersecurity in the EU"

Cyber Security Incidents for large firms*

72% experienced a breach or attack

27% of breaches stopped staff carrying out their daily work

52% don't know the source of their worst breach or attack

The key benefit of the Regulations is expected to be an improvement in security that leads to a reduction in the risks posed to essential services relying on networks and information systems

**Source – DCMS Cyber Security Breaches Survey 2018*

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