

littlefish GROUP

Cyber Assessments

Document Control

Attribute	Value
File name	Cyber Assessments – Service
Author	Rowan Troy
Status	Published
Classification	Unclassified
Date	22/01/2026

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Service Overview

Littlefish will carry out an assessment of the customer's IT environment against a chosen Security standard. For smaller, less cyber mature organisations, we would propose Cyber Essentials. A framework can be mutually agreed upon for larger enterprises, such as the CIS Top 18, NIST Cyber Security Framework, NIS Directive/NCSC Cyber Assessment Framework (CAF) or a combination.

These control frameworks have been chosen as they represent a balanced mix of technical and procedural security controls and therefore provide a complete view of information security against globally recognised security standards.

Key Features and Activities

Contextual Approach

Littlefish will provide a contextual approach to the cyber assessment based on the needs of the organisation, their level of maturity, ensuring that the correct framework is chosen that will provide a holistic overview. The following are key areas which will be examined.
Review of policy documentation (where it exists), including but not limited to:

- Information security and risk management strategy
- Information security policy
- Physical security policy
- Access control policy
- Acceptable use policy
- Security incident response plan and/or crisis management plan
- User awareness and training material
- Induction material
- Business continuity and disaster recovery plans
- Asset policy
- Codes of connection and/or third-party assurance
- BYOD policies

Review of technical security measures covering:

- Asset controls and CMDB
- Client systems (desktops/laptops)
- Servers
- Network devices (routers/switches/firewalls)
- Authentication services
- Patching and updates
- Perimeter devices (email and web proxies)
- Protective monitoring and event analysis
- Vulnerability scan and penetration test results
- Mobile devices and mobile device management

Where these policies/controls do not exist and represent a risk to the customer, they will be flagged as part of the assessment and remediation plans.

Littlefish will work with key personnel to understand the security context and applicable controls. Access to business and technical resources will be required to ensure a full assessment can be completed.

Compliance Adoption

Depending on the chosen framework, the adoption of the many compliance regimes and standards can be evidence through the reporting provided by the Littlefish team. The report will demonstrate that an organisation has independently verified its level of compliance with a 3rd party which is a key requirement for most internationally recognised standards such as ISO 27001 and NCSC CAF (Cyber Assessment Framework).

Impartial Remediation Advice

Our team will provide experienced and impartial advice against the findings of the assessment, ensuring that the focus remains on securing the organisation's working practices as the top priority for any remediation activities.

Maturity Scoring

Littlefish will provide maturity scoring to help the organisation understand where it currently resides for each control based on the COBIT 5 Framework for maturity

Non-existent
Control is not in place, and the organisation cannot clearly articulate its position concerning this control (e.g. justify why the control is not relevant or required).

Initial or Ad-Hoc
The organisation recognises the risk that the control is intended to address. The control may be partially in place, predominantly manual, and/or may not be executed consistently.

Repeatable but Intuitive
The control is typically implemented consistently but may be dependent on the knowledge and diligence of a small number of key personnel. Basic policies and other documentation (e.g. work instructions) are in place concerning the control, ensuring some consistency level. Auditing and compliance mechanisms may be limited, meaning that deviation from documented norms may not be detected reliably.

Defined
The control is documented in detail, such that it is executed consistently and has a formally recognised owner responsible for its effectiveness and improvement. In the case of manual controls: the control is highly re-performable in that the same task could be assigned to two people and the result would be the same.

Managed and Measurable
The control is primarily automated based on documented business rules codified in organisational policy. The control is subject to both management by exception (e.g. of error conditions) and management oversight (e.g. sample audit). Quantitative performance indicators and associated performance targets are defined for the control they are reported against and any underperformance is remediated.

Optimised
As above (4 – Managed and Measurable), and there is evidence of proactive, continuous improvement concerning the control (rather than just remediating issues/underperformance reactively) and its return on security investment.

Customer Benefits

- **Point in Time Assessment** – A snapshot of the current security stance will provide the necessary data to elevate the security conversation at the board level and seek further funding.

- **Prioritised Risk Approach** - Provided a detailed and risk-based approach to the areas requiring immediate improvement and investment and where maturity will benefit the customer and its operational activities.

- **Impartial Assessment Approach:** An organisation can demonstrate that they have been externally assessed against a recognised industry framework and can provide a redacted output to its customers for assurance.

- **Evidence For Compliance:** The assessment can be used as evidence in an audit or compliance assessment for other programmes such as SOC 2 Type I, SOC 2 Type II, or ISO 27001.

About Littlefish

- Littlefish is an award-winning Cloud based Manage d IT Services Provider. Through our capability and delivery of service excellence we have become an established and credible alternative to the 'usual suspect' large Multi £Billion Managed Service Providers and IT Outsourcers in the mid-market and enterprise.

- Our purpose is to disrupt the conventional Managed IT Services models – where the usual suspects typically fail to perform – by delivering service solutions that are tailored to the precise needs of your organisation and which are communicated in clear and straightforward language. Our people (and users) first approach delivers a higher quality experience and will add tangible business value to your organisation.

Our service solutions are designed to consider and deliver tangible outputs in terms of improved business performance. The IT experience of your users can be enhanced to promote more agility and improved quality output. Furthermore (but often overlooked), highly available, better performing IT services, with expert support on hand when it's needed to get your users working again, can engender employee health and well-being. Because of these deliverables, workforce productivity levels are increased, and it's likely that our highly attuned service model will also enable you to effect cost-efficiency gains. What's not to like!

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Get in touch:
0344 848 4440
sales@littlefish.co.uk

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CREST SECURITY OPERATIONS

CYBER ESSENTIALS CERTIFIED PLUS

ISO 27001 ISOQAR REGISTERED

ISO 9001 ISOQAR REGISTERED

ISO 14001 ISOQAR REGISTERED