

Cyber Vulnerability Investigation

Purpose:

To plan for and undertake Cyber Vulnerability Investigations (CVI) - the Defence 'gold standard' in socio-technical analysis of cyber threats - on cloud-dependent systems or platforms in order to understand cyber vulnerabilities as a suitable basis for designing mitigations.

Overview:

UK Defence (Dstl and MOD) has developed a robust, repeatable, methodology which allows CVIs to be completed at scale and pace across multiple complex systems. CVIs are increasingly being delivered by industry. Under our CVI service, Actica Consulting provides expert resources to plan for and carry out CVIs, providing an extremely thorough, high-assurance view of the cyber vulnerabilities to which a system or platform is exposed. We help clients navigate the CVI process, ensuring clarity of purpose, careful stakeholder management and rigorous analysis throughout.

The core of our service is conducting investigations into cloud-dependent systems and platforms, from initial Discovery through to delivery of actionable findings. As the organisation that designed and implemented today's Agile CVI approach, Actica is uniquely well-placed to support the delivery of CVIs efficiently and at pace.

We work closely with our clients to understand the implications of CVI activity for the relevant business area, cloud-dependent systems and platforms, then design a tailored delivery approach that will minimise disruption to 'business as usual' services, maximise the value of time committed by subject matter experts and ensure compliance with the core methodology. Beyond our expertise in CVI methodology and practice, our wider toolkit of best practice includes most framework approaches including Managing Successful Programmes (MSP), the Scale Agile Framework (SAFe), BCS Business Analysis, Lean Start-Up, Lean/Six Sigma and the APMG/Change Management Institute Body of Knowledge.

Planning:

- Source information gathering and assessment
- SME and cloud industry supplier engagement
- Orientation reporting
- Orientation Transition Review exercise

Set-up and Migration:

- Preliminary and detailed modelling
- Preliminary investigation review
- Mission impact assessment and reporting
- Pink Teaming
- Threat Assessment

Quality Assurance and Performance Testing:

- Attack path analysis
- Red Teaming
- Security Architecture Assessments
- Attitudes, Behaviours and Cultures Assessments
- Risk quantification
- Risk mitigation strategy

Training:

- Formal skills transfer in CVI methodology and cyber risk quantification

Related Security Services:

- Security Strategy
- Security Risk Management
- Security Design

- Cyber Security Consultancy
- Security Audit Services

Enhancing your organisation's security posture or maintaining current levels of Information Assurance in terms of exploitation of cloud services is usually a critical consideration when undertaking a Cyber Vulnerability Investigation. Our related security services can provide specialist security related input to defining and managing these aspects.

Information Assurance:

CVI support can be provided for services of any classification. Actica has an extensive pool of suitably cleared (SC and DV), specialist employees and associates dedicated to this service.

Pricing:

This service is priced based on anticipated resource requirement. Resources will be charged in accordance with the agreed SFIA day rates. Two pricing options are available:

- Firm price. The firm price will be based on the anticipated resource requirements including provision for risk. Provision for travel and subsistence cost will be made. Payment will be required against achievement of agreed milestones. Customers may request clarification of the number of days by SFIA grade for their specific deliverables, which will be confirmed by Actica for contract award.
- Limit of liability. The limit of liability will be agreed based on an anticipated resource requirement. Charges will then be made monthly in arrears against resource effort expended. A limit of liability will also be agreed to cover travel and subsistence. Travel and subsistence costs will be charged at cost monthly in arrears against cost incurred.

Service management details and constraints:

Our service is subject to ISO9001 certified quality controls. A lead consultant shall be appointed who will have responsibility for liaising with the client and managing the Actica team providing the required services. In addition a Project Authority will be appointed who is normally a Director within the Company who will act as the point of escalation. We support our clients on-site, via email or by telephone, during standard office hours and with a 1 business day response time to acknowledge support requests.

Data backup and recovery:

Where our staff use infrastructure and information provided by our clients, it is the clients' policies and procedures that prevail. Ordinarily, our consultants are supported by our own infrastructure up to, and including OFFICIAL, and we have facilities for higher classification information to be received, stored and transmitted. Our consultants' laptops and our corporate systems are backed up regularly and our corporate Disaster Recovery Strategy and Plan ensures that we are able to continue to provide services to our clients in any event.

On-boarding/off-boarding:

For all of our assignments we operate our standard on-boarding/mobilisation activities. At assignment closure, we undertake a review and ensure that skills have been transferred to client staff where appropriate.

Ordering and invoicing process:

Specific details of the client requirement should be sent to cloud@actica.co.uk. Following discussions about your requirement Actica will send a fully priced proposal detailing the services to be provided. Once approved a valid purchase order should be sent to finance@actica.co.uk for processing. Once the work is completed and accepted by the client Actica will invoice the client for the work. Payment is expected within 30 days. We are able to use a range of electronic purchase and payment systems (e.g. CP&F).

Consumer responsibilities:

To liaise with the Actica lead consultant and ensure access to existing information and key stakeholders.

Contact Details

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