



**Protect • Comply • Thrive**



## **Technical Security and Penetration Testing Services**

All-encompassing business solutions

### **Heartbleed**

Find out if your systems are affected by the Heartbleed bug and benefit from our practical remediation solutions with our consultant-driven technical testing services.

[www.itgovernance.co.uk](http://www.itgovernance.co.uk)

The Global State of Information Security® Survey 2014 found that hackers represent the most likely source of cyber attacks (32%), followed by competitors (14%) and organised crime (12%).

IT Governance's full-service technical security solutions will help you to reduce your risk exposure dramatically by identifying and addressing your vulnerabilities fast, before attackers can exploit them.

The development of big data, Cloud, Internet of Things (IoT), Bring Your Own Device (BYOD) and social media has created as many opportunities for businesses as it has created threats. Cyber criminals today possess a much broader range of methods and tools to gain access to organisations' information assets. Even if you are a relatively unknown organisation of little apparent interest to an attacker, the scans employed by hackers will target known vulnerabilities. It is not a question of if you will be attacked, but when will you be attacked.

Conducting regular tests is an essential component in internationally recognised standards and compliance frameworks, notably the **ISO27001 information security standard** and the **Payment Card Industry Data Security Standard (PCI DSS)**.

## Our approach

Prior to undertaking a service or test, our consultants will conduct a detailed assessment of your systems, networks or applications in order to understand your needs and to define the scope of the test, where applicable. Once the test has been completed, the results are documented in a full technical report, detailing each issue identified and providing a list of recommendations in order to address the issues. A second test can be undertaken once remediation activities have been finalised to compare the outcomes of the first test with the post-remediation findings.



The latter applies to specific merchants and service providers that process payment cardholder data, and requires that penetration testing activities (internal and external) follow an "industry-accepted penetration testing methodology".

An executive summary is also provided that eliminates any unnecessary jargon and which can be used as a management report. In some instances, we will also recommend a separate briefing session with your management team, where we will explain the outcomes of the test, what this means to your security posture, and discuss any further recommendations with you. All of this will be aligned to your unique needs and budget.



To view our full range of technical product and services, visit [www.itgovernance.co.uk/technical-services.aspx](http://www.itgovernance.co.uk/technical-services.aspx)

- Penetration Testing Services
- Technical and Security Testing Services
- PCI DSS Consultancy Services
- IT Health Checks
- Training and Knowledge Transfer
- EncryptionTools
- vsRisk™ Information Security Risk Assessment Tool
- Pen Testing Resources (Books and E-Learning Courses)

With cyber attacks becoming the norm, it is more important than ever before to undertake regular testing of your systems to ensure that all cyber controls are effective.

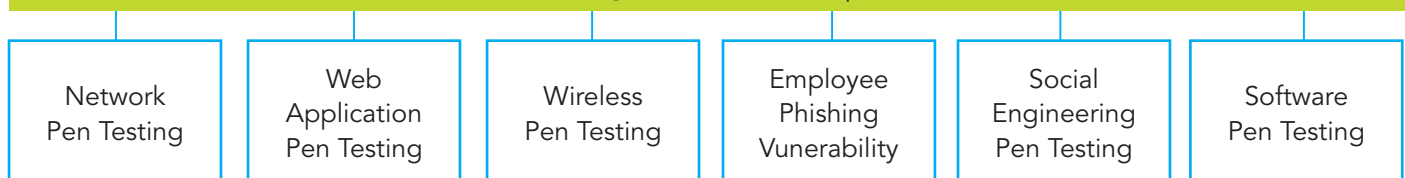
## Penetration testing

Penetration testing (or 'pen testing') is a process whereby an expert 'ethical hacker' seeks to gain access to your systems, revealing areas of weakness and making suggestions for improvements.

As a CREST member company, IT Governance has been verified as meeting the rigorous standards mandated by CREST. Clients can rest assured that the work will be carried out by qualified professionals.

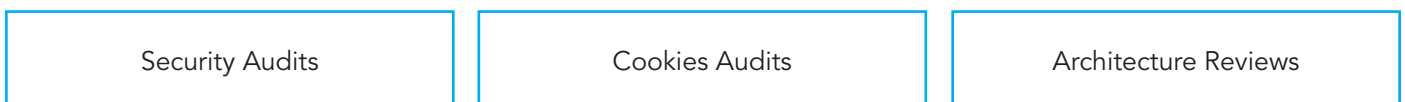
We are able to offer Black Box ('blind') tests, White Box ('full disclosure') tests, or something in between, bespoke to your requirements. We can extend this test to web applications and WLANs, with special prices available for annual contracts. We also provide standardised assessments and tests that are based on a defined set of criteria, at an affordable, fixed price.

We offer the following consultant-driven penetration tests:



## Technical and security testing services

IT Governance offers the following additional types of security assessments, testing and technical services:



## Assessments for the Cyber Essentials Scheme

Our CREST-approved technical services team will conduct vulnerability analysis and verification, in line with the proposed Cyber Essentials Test specification.

## PCI DSS consultancy services

Our status as an approved QSA company underpins our range of PCI DSS consultancy services, which include scoping, gap analysis, remediation support and audit. IT Governance Ltd is able to provide the full range of PCI QSA services.

Our role is to ensure that an organisation is fully compliant with the requirements as specified in the Payment Card Industry Data Security Standard. All Qualified Security Assessor (QSA) companies must comply and adhere to a number of rigorous business and technical requirements as specified by PCI SCC.

## IT health checks

We offer thorough IT health checks designed to provide you with a complete view of your system's strengths and vulnerabilities from an unbiased, expert perspective. Our IT health checks are entirely customised to your needs.

## Training and knowledge transfer

We offer training courses (both classroom and in-house) for all staff, from basic foundation level through to advanced courses for IT practitioners and lead implementers seeking implementation of or certification to various standards including ISO27001 and PCI DSS.

Our unique and unrivalled training portfolio is designed to ensure organisational efficiency and compliance, as well as to support your future career development.

Our courses lead to qualifications awarded by APMG, EXIN, BCS, (ISC)2®, ISACA® and the International Board for IT Governance Qualifications (IBITGQ).



When appointing an external provider of technical services, it is important that you choose a trusted supplier who can most effectively meet your requirements.



## Why choose us?

- IT Governance is a CREST member company and has been verified as meeting the high standards mandated by CREST. Clients can rest assured that the work will be carried out to rigorous standards by qualified and knowledgeable individuals.
- IT Governance is a global leader in information and cyber security management systems expertise.
- We provide independent and unbiased advice – we are not affiliated to any software solution.
- Our directors led the world's first successful certification to BS7799, the forerunner of ISO27001.
- We can help organisations reduce their total cyber security expenditure, while increasing its effectiveness and return on investment.
- Our cost-effective and customised advisory services provide a tailored route to achieving improved cyber security, scalable to your budget and needs.
- Our deep technical knowledge and expertise deliver insight and advice that is not available through off-the-shelf technical solutions.
- Due to our recognised expertise in other internationally adopted standards such as PCI DSS, ISO27001 and ISO9001, we are able to offer an integrated approach to compliance.
- IT Governance is an IBITGQ Accredited Training Organisation (ATO) and an official publisher of the IBITGQ Study Guides and courseware.

## Our credentials and corporate certificates:



### IT Governance Ltd

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