

“All tests are tailored to focus on the specific business needs of the customer to provide the best possible results”

“4Secure present the penetration test results in a clear, detailed report to the customer’s specifications, enabling swift remedial action for our customers”

“4Secure has developed its own methodologies as well as using existing industry recognised processes to carry out a comprehensive test”

4Secure Services – Penetration Testing

Assessing the effectiveness of an organisation’s IT security measures

A penetration test is used to evaluate the effectiveness of an organisation’s current IT security counter measures. There are many benefits to undertaking such a test and once completed it can be used to highlight any potential areas of weakness that need improvement, or critical areas that need immediate corrective action, it will also highlight areas within the infrastructure where the existing countermeasures are working effectively.

By having a firm understanding of the current exploits and attack techniques used by many ‘hackers’ today, 4Secure are able to use this to ensure the tests reap the maximum benefits for the customer. Using these techniques and more, we are able to demonstrate how resilient the network, applications and hardware are to attacks from unauthorised users, as well as highlighting potential mistreatment by authorised users.

Penetration testing can benefit organisations in many different ways, most have a specific requirement to meet when looking for a test to be completed but often many other advantages can be seen following the completion of the test, these include:

- Highlighting potential flaws which could result in financial or data loss through exploitation of those weaknesses.
- Providing evidence of due diligence and compliance to industry regulators that your IT Systems have been tested could strengthen your business argument and result in further success. By not proving compliance or due diligence this could result in loss of business from existing and future customers.
- Protecting your brand by avoiding loss of consumer confidence and business reputation.
- By identifying vulnerabilities you are able to quantify their impact and manage them accordingly allowing you to allocate budget and take any corrective measure.

4Secure has developed its own methodologies as well as using existing industry recognised processes to carry out comprehensive tests tailored to a customer’s specific requirements. These are often based on the precise information the customer would like to extract or to meet a specific set goal.

A great deal of technical effort is applied during the tests but this can be of little value to a customer if the resulted information is not documented in a way that is easy to understand. 4Secure ensures the report and de-briefing prioritises any



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remedial action required, but more importantly we present this critical information in a clear and concise manner and to our customers agreed specification. This ensures that our customer receives the information in a way they can interpret it to ease any necessary changes to their environment.

It is becoming more common for penetration tests to be requested due to the ever increasing risk of data leakage and financial fraud. Many organisations prefer us to complete a comprehensive review of IT security as well as IT operations. If this is a requirement, alongside the penetration test we will investigate how corporate information is stored, how it's disposed, how the information is communicated and can also if required offer guidance on compliance including ISO27001.

Why Choose 4Secure?

Information assurance and security is 4Secure's principal business. Our consultants all have extensive experience within the Government Sector as well as sound comprehensive IT security knowledge. Each consultant has a passion for IT security and make it their business to be up to date on the latest threats and risks to corporate businesses, financial institutes and all areas of Government.

4Secure prides itself on being in the business and developing its own unique practices as well as recognising industry standard protocol. 4Secure has a vast knowledge of CHECK penetration testing and whilst not CHECK accredited can complete tests using these methodologies.

4Secure are also members of the Certified Information Systems Security Professional (CISSP); an industry recognised independent information security certification governed by the International Information Systems Security Certification Consortium. We also benefit from experienced internal CESG listed advisor scheme (CLAS) consultants to advise and assist the process where necessary.

Contact 4Secure:

If you would like to know more about our services or organise a meeting to speak with our advisors please contact:

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