



PENETRATION TESTING SERVICES

WHAT IS PENETRATION TESTING?

Often referred to as 'Ethical' or 'White Hat' Hacking, Penetration Testing involves actively testing the security of your systems to determine any vulnerabilities they may have. Penetration testing is used throughout industry and can be a mandatory step in obtaining accreditation or passing an audit.

WHY DO I NEED IT?

With the advent of the digital age, the way data is handled, stored and secured is rapidly evolving with much more data and sensitive information now being stored and handled digitally. The threats to the security of this digital storage are also similarly evolving. Many businesses, charities and individuals are finding it challenging to keep abreast of the current developments in the fast-paced world of cyber security.

The tightening of statutory regulations and industry guidelines, such as the introduction of the GDPR, is driving many organisations, small and large, to adopt and adapt to more secure work environments. Breaches in data security can not only lead to the reputation of the organisation being damaged, which in turn can negatively impact share values, heavy fines may also be levied by government or industry oversight bodies, further widening the detrimental exposure.

ACI believes that that these factors are driving the security of data high up in the risk assessment process for many entities as the loss or exposure of data can cripple businesses, particularly small, medium and start-up companies. Many organisations are now adopting a mandatory auditing process to ensure the risk data breaches is mitigated and managed. Many of these audits include the undertaking of regular penetration testing. Not only does this help the audit process to demonstrate that previously identified risks have been addressed (hence keeping the residual risk to as low a level as possible) it can also help to identify any new weaknesses that may have crept in through software changes or upgrades.

With our help, security breaches can be avoided if the correct controls are in place and effectively communicated to all parties involved. We provide our penetration services to ensure your controls are working and are being adhered to.



SECURE SYSTEMS. **PROACTIVE** DEFENCE. **KNOWLEDGE** YOU CAN TRUST.

HOW DO WE DO IT?

Penetration testing is not a 'one-size fits all' proposition. At ACI we recognise this and offer a tiered service model to ensure cost-effectiveness and peace of mind for our clients. The items below are a selection of some of the services we offer:

VULNERABILITY ASSESSMENT

Utilising a suite of professional tools, ACI will assess your systems for vulnerabilities, patch holes and diagnose and remedy misconfigurations

OPERATING SYSTEM HARDENING

Some clients require a standardised approach for this element. We provide compliance checks for CIS, SCAP and openSCAP if required.

AUTOMATED TESTING

For an all-round approach, we utilise a variety of open and closed source tools to analyse how secure the targeted systems infrastructure is.

MANUAL TESTING

This can be provided in addition to or instead of the automated testing to dig deeper into the system architecture and provide a higher level of re-assurance that the system is secure.

TAILORED ASSESSMENTS

As standard, we work closely with our clients to ensure that any assessment provided is bespoke and tailored to their particular and unique needs. No two assessments are ever the same.

WHY CHOOSE ACI?

After spending 15 years working for one of Europe's largest consultancies, founder Brian Third formed Advanced Cyber Intelligence based on one simple principle: that secure systems start with intelligence.

With new threats constantly emerging, we believe this principle has never been more relevant. As such, we work with government agencies and corporate entities to gather intelligence and proactively defend their systems. Our network of professionals covers the full range of security services, including consultancy and the design and implementation of secure systems.

Trust is a key part of what we do. We start by forming a deep understanding of each client's organisation, systems and business needs. This understanding, coupled with our extensive technical expertise, is what allows us to deliver high-end, custom security solutions.

CONTACT US

Get in touch to discuss how we can secure your organisation and mitigate threats.

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