

DATA SHEET

PENETRATION TESTING

Better simulated than sorry....

How secure is your network? Do you have the latest and greatest security solutions in place?

The true measure of your security only comes when you're pitted against a determined hacker. This means the only way to realistically test your defences is to hire an ethical hacker to probe your infrastructure and scrutinise your applications, people and processes to spot weaknesses and evaluate the likelihood, and potential impact, of a breach.

Our in-house team of penetration testers bring years of experience in ethical hacking across all industries. We will work with you to create a testing programme unique to your business needs and provide detailed reports and suggestions about how to plug the gaps in your security defences.

But we don't stop there. We'll re-test you once you've made your adjustments to see if any vulnerabilities still remain.

THE NASSTAR WAY


At Nasstar our business is your security. Whether you're a current customer or new to us, our Penetration Testing Service is available to you as a standalone service, with the option of continuous assessment as and when you require.


With more customers and suppliers requiring penetration testing as a pre-requisite to doing business, let us hack you safely, help you plug any gaps and give you back control of your security posture.


FEEL SECURE WITH NASSTAR


Understanding cyber threats is part of our DNA


 **Industry-leading** testers

 **Cyber Essentials Plus** solutions

 **ISO 27001, 20000, 14001 and 9001** certified

 **SC Awards Europe 2020: Winner: 'Best Managed Security Service'**

 **Finalist: 'Best SME Security Solution'**

 **Finalist: in 'Best Incident Response Solution'**

KEY FEATURES

Test the strength of your security at the hands of our ethical hackers

\\ Onboarding and Planning

We'll work with you to plan the scope of the testing process, as well as establishing all the necessary administration rights and determining whether you want to keep the process under wraps, or let your employees know about the simulation. All of our penetration tests will be carried out in line with the precise requirements you highlight to us in the initial scoping phase.

\\ External Infrastructure Testing

We assume the role of a hacker who has had no prior access to your systems. We test all of your internet-connected networks for weaknesses, attempting to penetrate security controls such as DNS servers, firewalls, VPN servers, FTP servers or HTTP/HTTPS servers. Our goal is to see just how secure your network perimeter is.

\\ Internal Infrastructure Testing

We now take on the role of an internal user and test from within your company's network. We're looking to gain access to confidential data, including HR information on employees as well as financials. We'll also test whether someone with internal access to your network can sidestep security controls to remove data from the network, and check if your systems are setup to alert you the moment this happens.

\\ Web and Mobile Application Testing

We evaluate all types of web servers, from static brochure websites, to highly personalised, e-commerce environments, looking at how data is encrypted and whether hackers could compromise you using a server-side attack such as SQL injections. All our tests are designed around OWASP Guidelines and Standards so you know we're testing against the latest threats.

\\ Social Engineering

When we deal with cyber security, we're always dealing with humans, which makes testing for socially engineered attacks an essential step. Employees are almost always the greatest vulnerability to your network, so we use targeted phishing emails to evaluate how they perform and feed the results of this assessment directly into your security training.

\\ Vulnerability Assessment

This test covers your entire corporate environment. We scan and monitor all the devices connected to your internal and external networks as well as your web-facing applications and services. We score each scan based on the severity of the vulnerability we detect, providing you with a detailed picture of where your greatest weaknesses sit within your corporate environment.

REQUEST A FREE SECURITY SERVICES CONSULTATION

Regular penetration tests are vital in order to keep your business safe from both and internal or external cyber risks. We can manage this heavy lifting for you, working with you throughout the process to highlight significant vulnerabilities and show you how to quickly remediate these issues to protect your business and customers against cyber-attacks and data breaches.

If you would like to book a complimentary consultation or find out more about this service please contact

enquiries@nasstar.com or call 0844 443 433