BYTES
CYBER CONSULTING

Bytes
PENETRATION TESTING & ASSURANCE SERVICES

Reduce the risk of security incidents dramatically

How secure is your core infrastructure, your mobile apps or your cloud deployments? How well can you protect yourself against a physical breach, social engineering or inside threats? Bytes can provide an accurate picture - so you'll know exactly what action to take today.

Minimising vulnerability

Penetration testing and assurance services from Bytes will enable you to minimise the window of opportunity for attacks, guard against systemic failings and identify simple errors that widen your vulnerability. With our help, you could reduce security incidents by up to 95%.

Finding backdoors

We offer a blended approach to testing - from the essentials of a vulnerability assessment, right up to the scenario of a rogue employee joining your team and working as a system admin. Our experts will find the backdoors you didn't know existed and help you to close them. We'll also enable you to build up wider intelligence about how your environment and people operate.

The refreshing alternative to rigid tools-based testing

Keeping it real

The last thing you need are theoretical exploits or false positives. Our testers use the tools and automated techniques common across the industry, but we only focus on genuine areas of risk in our reports.

Offering flexibility

Our service can adapt to suit your objectives. Use our testers when you want them. We'll work to your budget and have the results in a format you can use. Our team will support you through the process.

Sharing expertise

We take a collaborative approach and will transfer knowledge to your team about the security testing process. As a result, you'll be able to avoid many common mistakes in the future, boosting your security.

Where do you want to start first?
We'll work with you to identify your priorities. Our services can include the following:

> **Infrastructure testing**, including vulnerability analysis, VLAN and containment breakout

> **Build reviews** covering firewall/router rule sets, systems, mobile devices and more

> **Cloud testing**, including Azure and AWS testing, plus IaaS, PaaS, public, private and hybrid

> **Application testing**, from web and mobile, to client-side applications and API manipulation

> **Covert testing**, including social engineering and insider threats with/without privileges

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Penetration testing and assurance services
We offer three simple approaches. Choose the one that fits for your needs the best ...

Snapshot
A great place to start
Ideal for smaller organisations and those starting out with security testing, the Snapshot is like an MOT that covers the basics. You can then make risk-based decisions about your points of exposure - and we'll tell you how to fix them.

Optimise
Get straight to the fix
Why pay for formalised, regulated tests - when you can get right to the heart of your security at any time? Our experts will identify the key risks, the issues and how to fix them. We'll put the facts at your fingertips.

Complete
When you need to go deep
We have a test for virtually everything - and we can even provide someone to work covertly within your operation. Get full reporting and access to our testing base throughout the testing phase and while you carry out remediation.

Services / Features	Snapshot	Optimise	Complete
Vulnerability analysis	●	●	●
External infrastructure	●	●	●
Firewall / router rule set reviews	●	●	●
Insider threat with and/or without privilege	●	●	●
Internal infrastructure		●	●
VLAN / containment breakout		●	●
WIFI		●	●
Secure services break out (Citrix, terminal services, VDI)		●	●
Azure and AWS security testing and remediation solutions		●	●
Systems and mobile devices			●
Static and dynamic code review			●
Technical remediation and security hardening techniques			●
IaaS, PaaS, public, private and hybrid cloud			●
CDN breakout and origin exposure exploitation			●
Web applications			●
Mobile applications			●
Client-side application testing			●
API manipulation and testing			●
Reconnaissance and intelligence gathering			●
Social engineering			●
Physical breach			●
PCI DSS - covers requirements: 1.2.1, 1.2.2, 1.2.3, 1.3.1, 1.3.2, 1.3.3, 1.3.4, 1.3.5, 1.3.6, 1.3.7, 2.1, 2.1.1, 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.5, 2.3, 4.1, 4.1.1, 5.1.2, 6.2, 6.6, 11.1, 11.3, 11.3.1, 11.3.2, 11.3.3			●
ISO 27001 - covers requirements: A12.6.1, A13.1.1, A13.1.2, A13.1.3, A14.1.2, A14.2.3, A14.2.8, A14.2.9, A18.2.3			●
Any other form of testing			●

Trust our expertise. Our expert team includes CREST certified testers. We can also offer CREST regulated tests if required.

To find out more, contact your Bytes account manager today for more details:

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