



FIRST • BASE
technologies

Ethical



Pragmatic



Professional

We are penetration testers • Full stop •

- Can attackers obtain **access** to your network?
- Could a cleaner take **control** of your servers?
- Who can read your **sensitive** information?
- Do you know who is playing on your **WLAN**?

Answer these questions by using our network security testing and audit services

Network Security Testing

Network discovery	Using a combination of tools and skills, we map the structure and devices on your wired and wireless networks. We review router and switch configuration, passwords and SNMP community strings. We investigate third-party, dial-in and dial-out connections, firewalls and edge routers. This process sets the stage for subsequent penetration tests and vulnerability scans.
Network penetration testing	We exploit the information gained in our network discovery by attempting to access local and remote resources without legitimate credentials. We target the same information an attacker would: customer data, personnel, financial and payroll information. We try to piggy-back onto other networks from your corporate network. We also test your workstations' build and configuration.
Network Audit	Using professional analysis tools coupled with staff interviews, we analyse the security profile of your corporate network and the people that administer it. We look for redundant accounts, well-known admin accounts, vulnerable passwords, excessive file permissions and more. We review the security configuration of a chosen sample of servers: account policies, rights and permissions, audit logs, administrative accounts, service accounts, patch levels and vulnerabilities.
Firewall & IDS Testing	We audit your firewall rule set and advise you of any leaks that may leave you vulnerable to attack. We can also test your IDS in a controlled, repeatable and safe manner - even across production networks.
DMZ server audit	We provide a thorough on-site security audit of your DMZ servers. In addition to platform security configuration analysis and internal penetration testing, we can also conduct interviews and physical inspections in your hosting environment.
Wireless security testing	We map your network and review access point security configuration. We measure signal leakage, perform traffic analysis and attempt to crack encryption to access the WLAN and machines on it. We map client devices so you know who has wireless access and whether they are being used in an authorised manner. We can also investigate home users' networks to ensure they adhere to policy and cannot be used to compromise your organisation.

Our reports are tailored to your needs, providing detailed recommendations, enabling you to address your network vulnerabilities before the criminals do.