

## Security

It is customary, inside a corporate LAN, to authenticate users with a user name and password. Once you extend the LAN to a wide area network, this simplistic method may not be sufficient.

Such single factor authentication systems can be broken using cracking tools such as "war diallers" which simply run through many combinations of user name and password. More commonly, simple social reengineering can be used to obtain passwords or systems are sometimes unlawfully accessed by ex- or disgruntled employees.

"The vast majority (80%) of security breaches are from internal sources"

Fortunately many systems are available to ensure that security is not compromised in a wide network context. Additionally, these solutions can be dovetailed into our managed VPN provision and integrated with conventional directory services such as:-

### Digital certificates

**Two factor authentication** (Vasco, SecurID, USB dongles)

**Biometric scanning** (fingerprints, voice and iris)

To address this issue, we have partnered with an external agency (we don't "mark our own homework") to provide our clients with a proactive testing service to identify and remedy areas of vulnerability - not just on your network and hosted applications but also physical and social measures.

### Information Security Policy

Organisations that recognise the importance of security should implement an information security programme that is relevant to everyone, from the cleaner to the chairman. We provide consultancy on formation, implementation and review.

### Network Testing

We test infrastructure and specialise in applications/scripting. We provide comprehensive, high-quality analysis of design, technical weaknesses, policy and procedural security flaws. To ensure your firewall is blocking what we think it is, we use bi-directional testing to check that the external threat cannot penetrate internally and internal users can only access external services deemed to be fitting.



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## Vulnerability Testing

Using automated software; we evaluate an organisation's application vulnerabilities. The service is cost-effective and efficient. Reports are presented in a standard format that allows for an easy comparison when repeat testing is performed.

## Social Engineering

Many areas of business are vulnerable to exploitation (often unintentional) that can result in serious security breaches. Our experience working with an extensive range of companies from SME's to global corporates has equipped us with the knowledge for testing these less obvious potential security weaknesses.

OE is a managed solution for Remote Access to corporate Networks utilising SSL (Secure Socket Layer) VPN technology. A fully secure and managed service provides authorised and authenticated access to corporate systems.

Allows Enterprises to build secure Extranets or secure corporate Intranets that empower employees / clients / customers to work more productively.

This easy to integrate service ensures that the benefits can be realised quickly without the requirement for lengthy implementations.

Harnessing existing access technologies such as the Internet, Broadband, wireless and other mobile devices OE provides the security and supportability to support the mobile enterprise.

This clientless solution means that it is scaleable to support the changing needs of the business.

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