

## Vulnerability Scan

Are you responsible for the security management of a significant IT estate or wide-scale Internet deployment or presence?

IRM's Vulnerability Scan provides a low-cost technical security infrastructure evaluation, but without the conventional scanning problems associated with inaccurate findings and incomprehensive executive level interpretations of the risk.

With large-scale infrastructures, such as an internal corporate network or global Internet presence, a vulnerability scan can be used to capture a standalone 'snapshot' of your key technical infrastructure risks or be used as a preliminary exercise to focus the scope of other technical assessment services, such as comprehensive network or application penetration tests.

Whatever the situation, IRM's Vulnerability Scan can be particularly beneficial for sweeping across multiple systems to determine where to prioritise technical security remediation activities or identifying areas that require greater depth of investigation.

A complete Vulnerability Scan includes the following phases:

- **Open Source Investigation**

This optional phase will attempt to identify the extent of Internet-facing assets and exposures. As part of the Vulnerability Scan service, this phase will focus on the discovery of networks and hosts for later phases of the assessment.

- **Focused Automated Scan**

Information from the open source investigation or scope details will form target for the Focused Automated Scan. A number of automated tools may be used in the vulnerability scanning exercise, which will be conducted from IRM offices for an Internet-based assessment or onsite at a suitable location for an internal review.

- **Manual Review of Findings**

This phase is designed to remove false positive results of the scans through manual analysis and corroboration of findings and tool output.

- **Deliverables**

IRM will deliver a formal report including an executive summary, a risks and recommendations table detailing the high level results of the assessment and a detailed description of each issue discovered including remediation advice.

## About IRM

Information Risk Management Plc (IRM) is a vendor-independent information security consultancy. Founded in 1998 to work alongside global enterprises in understanding the security risks inherent in an increasingly interconnected business environment, IRM has become a leader in penetration testing, risk assessment and security auditing.