

stratum//security



Innovative risk solutions

assurance
compliance
assessment

WHAT IS ASSESSED?

Our services examine the security posture of key security controls in your organization. We help you identify areas that need improvement and validate the effectiveness of existing controls.

HOW ARE THE ASSESSMENTS PERFORMED?

Stratum approaches each assessment from the perspective of a motivated and well equipped attacker.

WHAT ARE THE DELIVERABLES?

Stratum delivers a highly detailed report of findings that includes an executive summary discussing high-level risks, a comparative analysis, root cause analysis, a detailed findings matrix for tracking each vulnerability, and a technical explanation of each vulnerability.

HOW IS STRATUM DIFFERENT?

Stratum leverages the experience of skilled engineers rather than relying solely on automated scan tools. The results of the assessment are tuned to each organization and the goals of the business without relying on vendor-supplied risk ratings.

WHAT ARE THE NEXT STEPS?

Stratum will work with the organization to determine the goals of the assessment, and understand the scope in order to prepare a Statement of Work.

CAPABILITIES AND SERVICES

Stratum Security provides high quality information security assessment services that provide the customer with clear and concise risk information. Each of Stratum's offerings assesses the security posture of key technology layers within an organization's environment. Each engagement is delivered by a team of experienced security professionals that leverage cutting edge technology and a proven methodology.

Application Security

Applications are the heart of the modern enterprise. Traditional security controls such as firewalls and network security controls can not protect custom applications from custom attacks. Stratum's Application Security Assessment examines the effectiveness of security controls within critical applications. These controls include input validation, session management, authentication, and authorization.

Vulnerability Testing

Stratum examines the security posture of the organization's critical technology platforms to ensure that all devices are properly configured and secured. Vulnerability Testing examines the devices that make up the foundation of the infrastructure for known vulnerabilities.

Penetration Testing

The Penetration Test attempts to gain access to the organization's critical systems by using laser-like focus. Stratum will use the same tools, techniques, and intensity as an attacker to assess the effectiveness of the business's security controls.

Source Code Review

The Source Code review is a proactive security measure that helps developers identify vulnerabilities in their applications.

Network Architecture Security Review

The Network Architecture Security Review examines strategic security controls that protect the organization. This assessment scrutinizes architectural details as well as device configurations.

Wireless Security Assessment

Wireless networks require different security controls than a traditional wired network. Stratum examines the security controls that protect the organization's wireless infrastructure as well as client devices.

Methodology & Approach

Stratum approaches each security challenge with the client's business objectives in mind. We use cutting edge tools where we can gain efficiencies and scrutinize each result manually to eliminate false positives. Additionally, Stratum uses extensive manual methods to test each device or application to ensure that risks that are not easily identified by automated tools are discovered.

ABOUT STRATUM SECURITY

Stratum Security is an information security consulting company located in the Washington DC Metro area. Founded in 2005, we provide services to clients world wide. Our list of clients include large multi-national enterprises to small start-ups in numerous industries including finance, insurance, retail, hospitality, health care, government, technology, energy, and telecommunications.

EXPERIENCE

Stratum's core strength is our deep experience performing assessments of a wide array of networks, platforms, and applications. Stratum personnel have assessed everything from critical applications for the Fortune 10 to the growing infrastructure of a small start-up. When you engage with Stratum, you gain access to a security partner who can help your organization navigate any information security challenge.

AGILITY

While we are a small business, our size allows us to deliver a highly efficient and personalized service to our customers. Unlike large consulting corporations, your Stratum consultant is engaged throughout the life of the project. We forge long term relationships with our customers by providing responsive and highly focused services.

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