

# EMAIL SECURITY ASSESSMENT



## CONTACT

Prem Iyer, CISSP/PMP  
Practice Director  
Information Security  
[infosec@ironbow.com](mailto:infosec@ironbow.com)

Right now your email is vulnerable. Email-based threats continue to grow in number and change in nature as our technology and protections evolve. For the first time SPAM volumes are decreasing but that doesn't mean that the threat to your network is decreasing. Cybercriminals have switched to targeted phishing and other tactics that are more stealthy and effective.

Are you willing to gamble that an expensive, embarrassing security breach won't end up in the news?

## IDENTIFY EMAIL VULNERABILITIES BEFORE IT'S TOO LATE

*Do you know what Personally Identifiable Information (PII) or sensitive agency data is being sent out through email?*

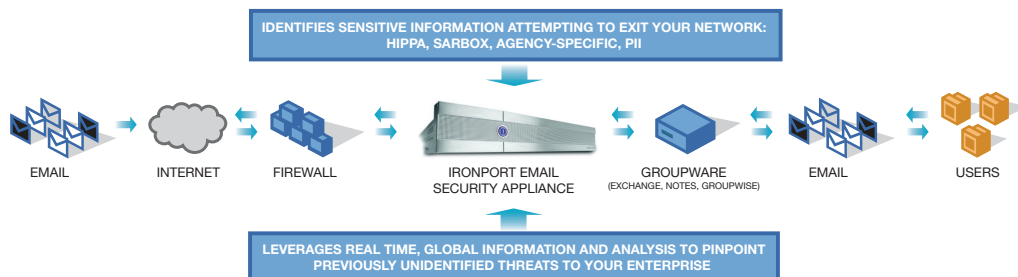
With an Iron Bow Email Assessment, we can give you a clear picture of the threats coming in through email as well as potentially sensitive content going out. At the conclusion of the assessment you will receive a written report and presentation summarizing the findings as well as remediation recommendations for future improvement.

*Are you sure that employees are not inadvertently breaking compliance regulations or privacy laws?*

To perform the assessment, we utilize Cisco IronPort Security Appliances. IronPort combines market-leading, best-of-breed anti-spam, anti-virus, encryption, digital rights management and archiving technologies. This solution provides the highest levels of email protection with exclusive preventive and reactive technologies, including:

*Is your current email protection agile enough to adapt to continuously evolving threats to your enterprise?*

- IronPort Reputation Filters that perform real-time threat assessments via the the SensorBase Network® – the **world's largest email and web monitoring network, tracking five billion messages per day**
- IronPort Anti-Spam with breakthrough context-sensitive detection technology which yields a **99% spam catch rate**, the industry's highest
- IronPort Outbreak Filters that detect **new outbreaks in real-time**
- The Cisco Threat Operations Center (TOC) which provides a **24x7 view into global traffic activity, analysis of anomalies and the identification of new threats**
- IronPort RSA Data Loss Prevention (DLP) scans your outbound email traffic and can **alert you to any sensitive information attempting to exit your network** whether it be regulatory compliance (HIPAA, Sarbanes Oxley, etc), department or agency specific, or PII related



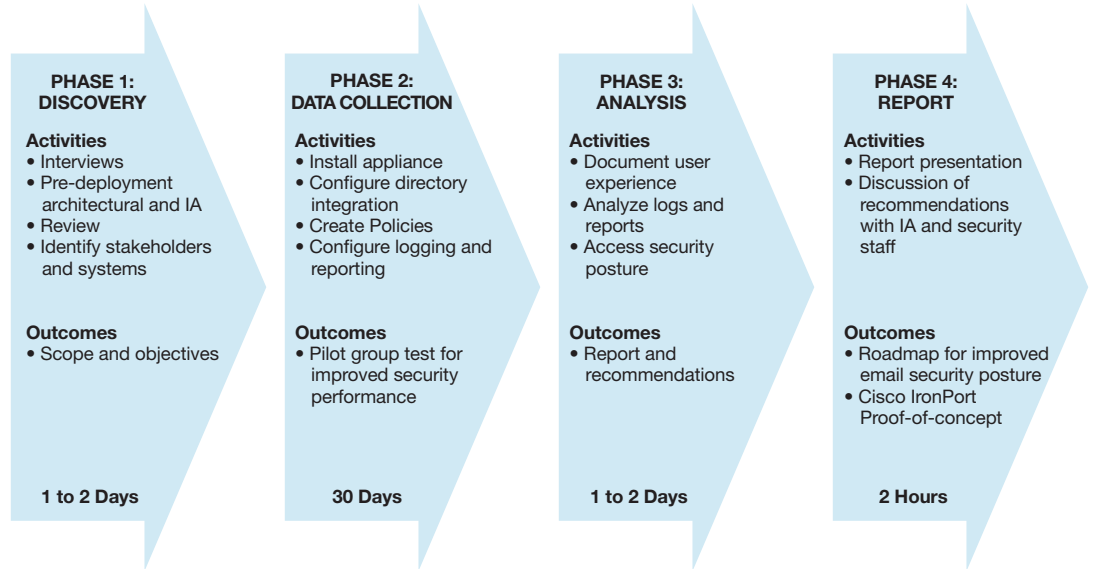
*Cisco IronPort applies a multi-layer approach to evaluating the strength of your email security posture.*

## BENEFITS

- Real-time and historical view of threat vectors, malicious links and attachments
- Identification of content, context and destination knowledge of data in outgoing mail
- Identification of risks to privacy and compliance
- Expert analysis of posture and remediation recommendations developed by experienced information security professionals
- Proof-of-concept of a multi-layer email security defense system that can minimize malware-related downtime, prevent data loss and simplify email administration

Iron Bow's information security practice is led by professionals that have real-world experience applying and managing IA programs for federal customers.

## ASSESSMENT METHODOLOGY



## THE IRON BOW INFORMATION SECURITY PRACTICE

Led by seasoned information security experts with hands-on experience implementing federal cybersecurity initiatives, the Iron Bow team helps identify and implement solutions that accurately align with missions, budgets and existing infrastructures to meet your risk profile. Our vendor-agnostic approach avoids cost, vulnerability and interoperability issues that can result from a force-fit solution. Whether you need a point product or a multi-faceted solution, look to us to design, deploy or manage:

- Compliance
- Cross Domain Solutions
- DLP
- Encryption
- Endpoint Security
- Security Information Management
- Unified Threat Management
- Vulnerability Assessments and Management

To see how Iron Bow can streamline and fortify your information security, contact our experts at [infosec@ironbow.com](mailto:infosec@ironbow.com).